

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126940.D
 Acq On : 17 Feb 2022 21:42
 Operator : CG\JU
 Sample : N1556-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NE-SURFICIAL-SOIL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.028	291	296	309	rVB	54088	69849	6.36%	0.277%
2	5.416	528	532	535	rBV	130554	113806	10.37%	0.451%
3	5.534	546	552	557	rVB2	576034	854211	77.80%	3.386%
4	5.781	590	594	597	rBV	252001	234859	21.39%	0.931%
5	6.169	655	660	664	rBV2	52310	79383	7.23%	0.315%
6	6.387	695	697	701	rVV	73680	80065	7.29%	0.317%
7	6.451	705	708	711	rBV	430596	390042	35.52%	1.546%
8	6.487	711	714	716	rVV	198672	182420	16.61%	0.723%
9	6.540	719	723	727	rVV2	563156	689711	62.82%	2.734%
10	6.610	731	735	740	rVV	138964	155274	14.14%	0.616%
11	6.669	740	745	749	rVV3	50154	86634	7.89%	0.343%
12	6.751	756	759	763	rBV2	963451	791785	72.11%	3.139%
13	6.887	779	782	786	rVV4	44800	80135	7.30%	0.318%
14	6.928	786	789	792	rVV	1067740	873603	79.56%	3.463%
15	6.981	795	798	801	rVV	242691	225227	20.51%	0.893%
16	7.034	803	807	810	rVV3	43639	76101	6.93%	0.302%
17	7.069	810	813	817	rVV	99519	113346	10.32%	0.449%
18	7.104	817	819	824	rVB	167472	158427	14.43%	0.628%
19	7.175	828	831	832	rVV	87469	86370	7.87%	0.342%
20	7.192	832	834	837	rVV3	213155	226388	20.62%	0.897%
21	7.240	840	842	849	rVB2	175385	222307	20.25%	0.881%
22	7.304	849	853	854	rBV2	74572	66169	6.03%	0.262%
23	7.322	854	856	859	rVV2	90416	94085	8.57%	0.373%
24	7.457	873	879	881	rBV2	218894	227050	20.68%	0.900%
25	7.487	881	884	886	rVV	375635	329364	30.00%	1.306%
26	7.516	886	889	893	rVB	368723	335338	30.54%	1.329%
27	7.569	893	898	901	rBV4	121458	171131	15.59%	0.678%
28	7.628	901	908	911	rBV5	69058	128402	11.69%	0.509%
29	7.692	917	919	921	rBV2	93933	78998	7.19%	0.313%
30	7.716	921	923	931	rVB3	109212	156907	14.29%	0.622%
31	7.804	933	938	940	rBV4	48969	70500	6.42%	0.279%
32	7.851	943	946	949	rBV4	83406	96289	8.77%	0.382%
33	7.945	960	962	968	rVB3	122527	137072	12.48%	0.543%
34	8.181	999	1002	1004	rVV	189297	159398	14.52%	0.632%
35	8.210	1004	1007	1009	rVV	1202036	1097978	100.00%	4.353%
36	8.234	1009	1011	1013	rVV	545278	421377	38.38%	1.670%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.257	1013	1015	1018	rVB2	106809	98222	8.95%	0.389%
38	8.498	1053	1056	1060	rVB4	56851	73947	6.73%	0.293%
39	8.792	1103	1106	1110	rBV2	77782	83368	7.59%	0.330%
40	8.922	1125	1128	1131	rVB	142329	107674	9.81%	0.427%
41	9.022	1142	1145	1149	rVB	107702	86065	7.84%	0.341%
42	9.281	1186	1189	1193	rVB	646015	504926	45.99%	2.002%
43	9.622	1244	1247	1250	rVV	70004	71195	6.48%	0.282%
44	9.969	1303	1306	1309	rVV	1364787	1069733	97.43%	4.241%
45	10.169	1337	1340	1344	rVB2	99314	103751	9.45%	0.411%
46	10.516	1395	1399	1405	rVB	97095	96578	8.80%	0.383%
47	10.751	1436	1439	1443	rVB	240271	231114	21.05%	0.916%
48	10.863	1455	1458	1463	rBV4	93503	135526	12.34%	0.537%
49	11.310	1530	1534	1537	rVV4	74225	95473	8.70%	0.378%
50	11.351	1537	1541	1546	rVB2	66085	95814	8.73%	0.380%
51	11.463	1556	1560	1561	rBV	929920	873478	79.55%	3.463%
52	11.486	1561	1564	1567	rVV	993325	875559	79.74%	3.471%
53	11.533	1570	1572	1574	rVV	92200	67978	6.19%	0.269%
54	11.686	1593	1598	1601	rBV2	77318	85779	7.81%	0.340%
55	11.957	1640	1644	1645	rBV	145096	129262	11.77%	0.512%
56	11.975	1645	1647	1652	rVV2	348666	465580	42.40%	1.846%
57	12.069	1660	1663	1666	rBV2	124724	132717	12.09%	0.526%
58	12.092	1666	1667	1670	rVB	96807	68925	6.28%	0.273%
59	12.145	1673	1676	1678	rBV	102827	89704	8.17%	0.356%
60	12.280	1697	1699	1702	rVB	105357	84264	7.67%	0.334%
61	12.404	1714	1720	1722	rBV	346047	308196	28.07%	1.222%
62	12.510	1735	1738	1740	rBV	69215	79417	7.23%	0.315%
63	12.533	1740	1742	1746	rVV2	166256	163679	14.91%	0.649%
64	12.598	1750	1753	1757	rBV	77396	79514	7.24%	0.315%
65	12.674	1763	1766	1770	rBV	976922	907027	82.61%	3.596%
66	12.710	1770	1772	1775	rVV2	126648	118564	10.80%	0.470%
67	12.763	1779	1781	1784	rVB2	105361	87452	7.96%	0.347%
68	12.880	1798	1801	1803	rBV2	161572	175530	15.99%	0.696%
69	12.904	1803	1805	1811	rVV	930344	832750	75.84%	3.301%
70	12.951	1811	1813	1818	rVB2	62125	73359	6.68%	0.291%
71	13.039	1826	1828	1837	rVB	421977	426387	38.83%	1.690%
72	13.122	1837	1842	1845	rBV3	80537	136824	12.46%	0.542%
73	13.227	1854	1860	1862	rVB3	95928	174976	15.94%	0.694%
74	13.263	1863	1866	1869	rBV	305323	235414	21.44%	0.933%
75	13.333	1875	1878	1881	rVB2	132303	135556	12.35%	0.537%
76	13.410	1889	1891	1893	rBV	85021	66257	6.03%	0.263%

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77	13.457	1896	1899	1902	rBV	130061	108356	9.87%	0.430%
78	13.545	1912	1914	1917	rVB	126595	107394	9.78%	0.426%
79	13.610	1922	1925	1927	rVV	273071	242543	22.09%	0.961%
80	13.739	1944	1947	1950	rVB	131042	113823	10.37%	0.451%
81	13.851	1962	1966	1969	rBV2	105609	131874	12.01%	0.523%
82	13.880	1969	1971	1973	rVV	92645	74379	6.77%	0.295%
83	13.904	1973	1975	1978	rVV2	183070	177334	16.15%	0.703%
84	13.939	1978	1981	1988	rVB2	294407	353216	32.17%	1.400%
85	14.074	2001	2004	2005	rBV	104661	100681	9.17%	0.399%
86	14.104	2005	2009	2012	rVV2	752649	1021472	93.03%	4.049%
87	14.127	2012	2013	2019	rVB	392605	335587	30.56%	1.330%
88	14.251	2031	2034	2038	rBV	262364	224758	20.47%	0.891%
89	14.486	2072	2074	2078	rVB	94512	92913	8.46%	0.368%
90	14.521	2078	2080	2083	rBV2	65916	69317	6.31%	0.275%
91	14.557	2083	2086	2089	rBV2	231435	198571	18.09%	0.787%
92	14.721	2112	2114	2122	rVB	116019	117345	10.69%	0.465%
93	14.874	2137	2140	2144	rBV	174445	168083	15.31%	0.666%
94	15.163	2185	2189	2193	rBV	426725	675037	61.48%	2.676%
95	15.227	2197	2200	2204	rVB2	126050	145801	13.28%	0.578%
96	15.480	2239	2243	2248	rVB	248156	304536	27.74%	1.207%
97	15.545	2250	2254	2260	rVV	203189	252403	22.99%	1.001%
98	15.610	2260	2265	2279	rVB3	431611	735215	66.96%	2.915%
99	17.133	2519	2524	2533	rBV2	103476	207733	18.92%	0.823%
100	17.604	2599	2604	2612	rVB	86192	179837	16.38%	0.713%

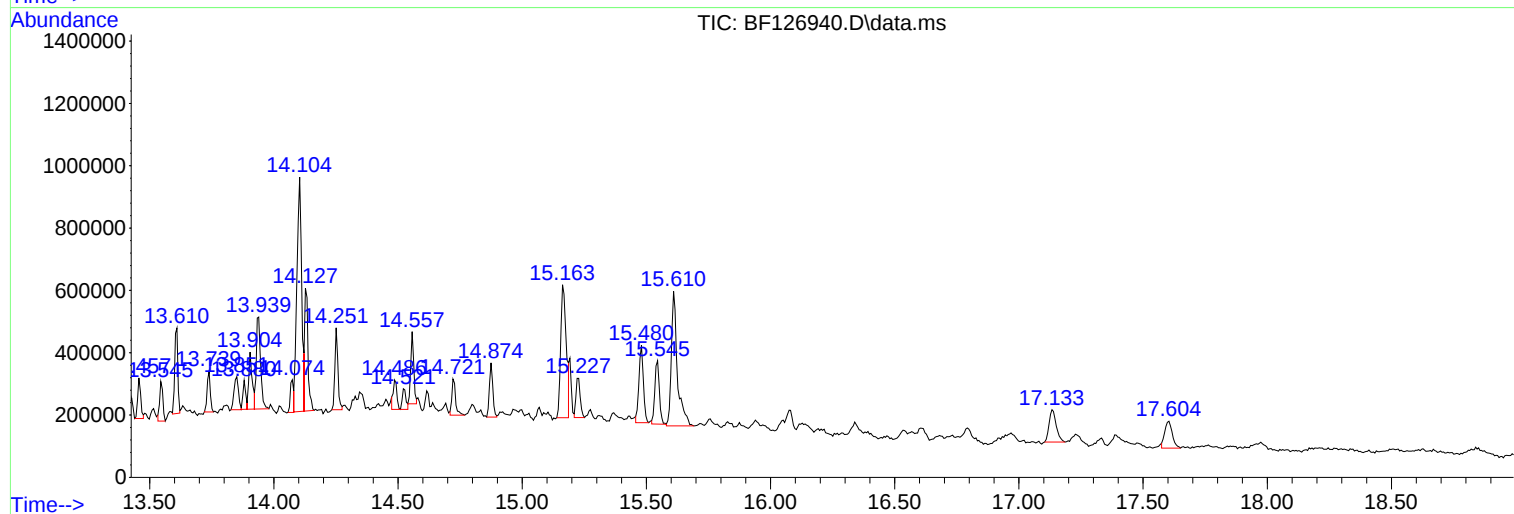
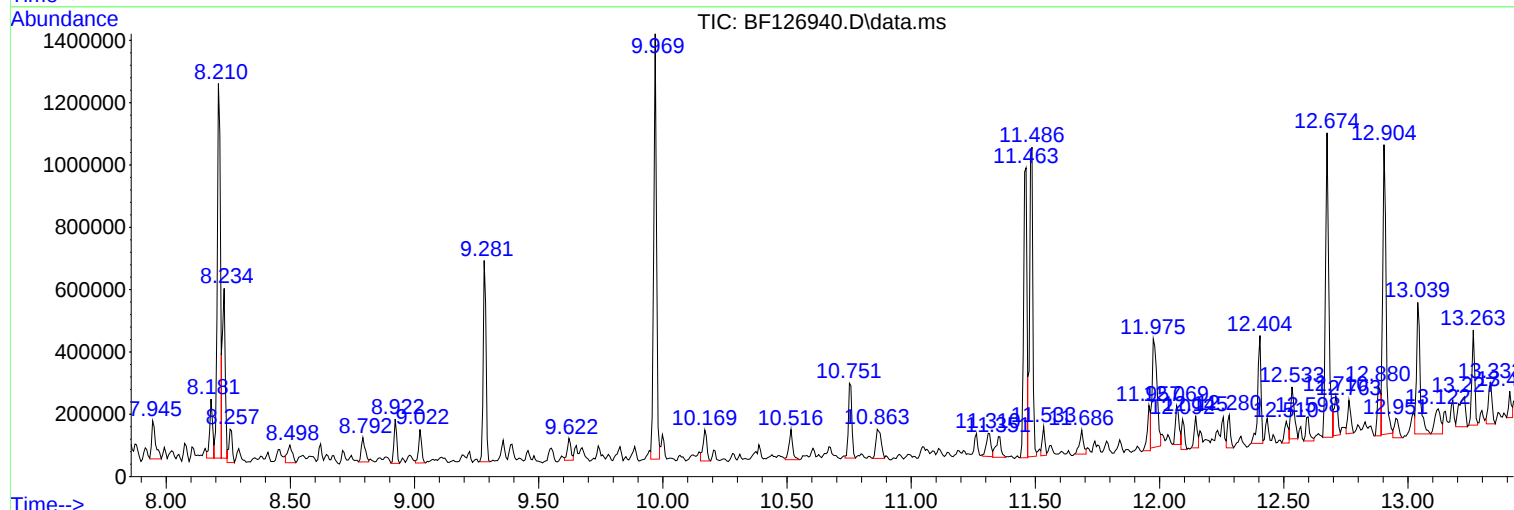
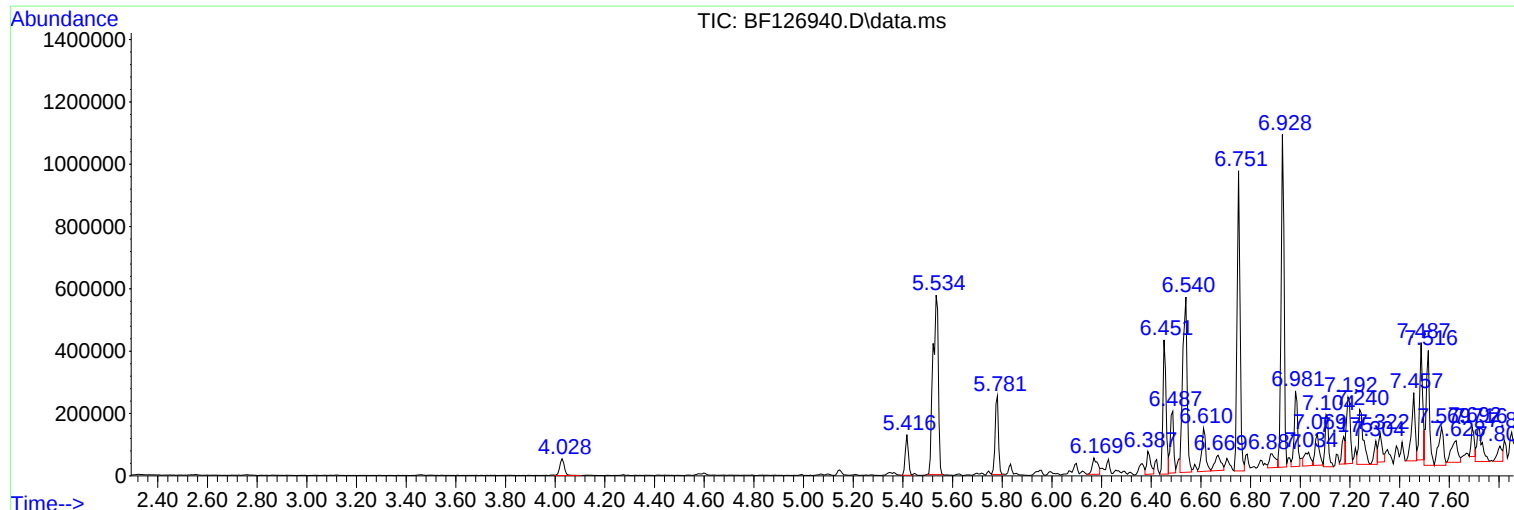
Sum of corrected areas: 25225743

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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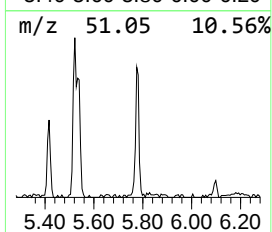
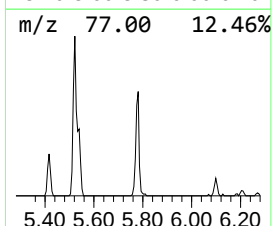
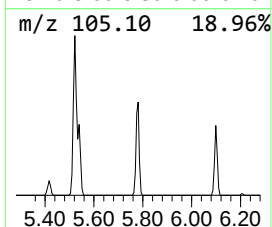
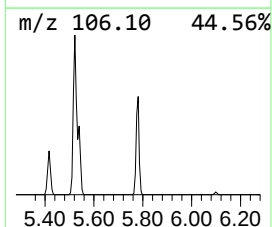
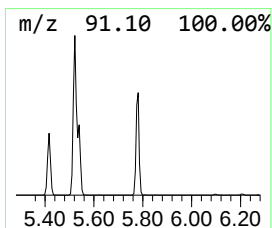
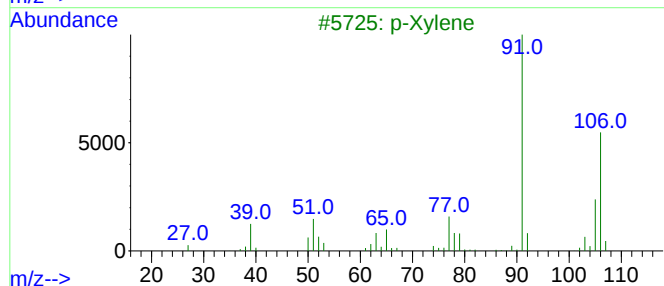
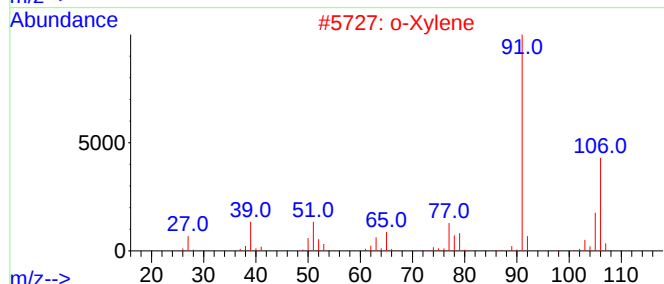
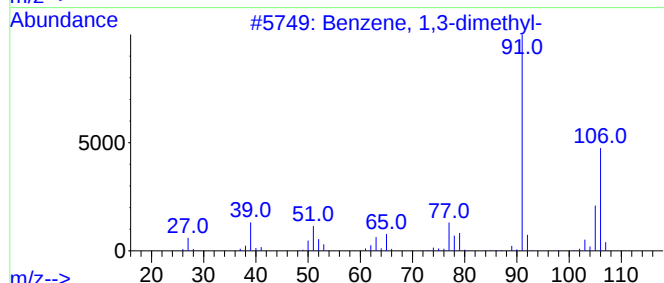
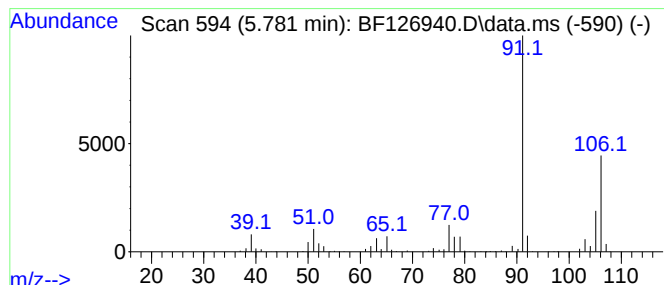
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	5.38 ng	234859	1,4-Dichlorobenzene-d4	6.928

Hit#	of 4	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Ethylbenzene	106	C8H10	000100-41-4	91



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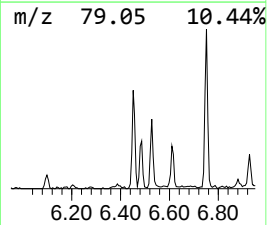
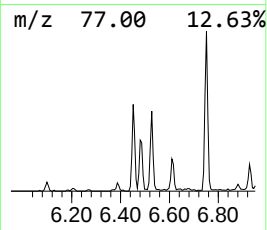
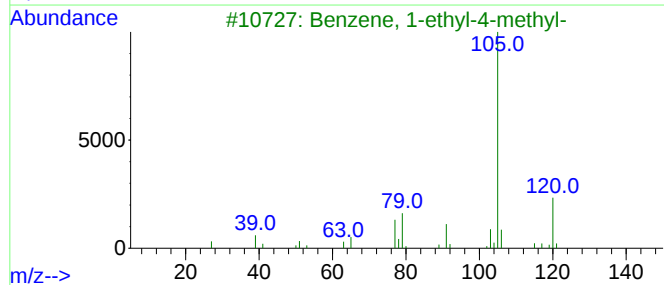
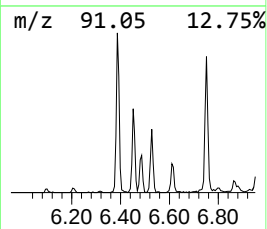
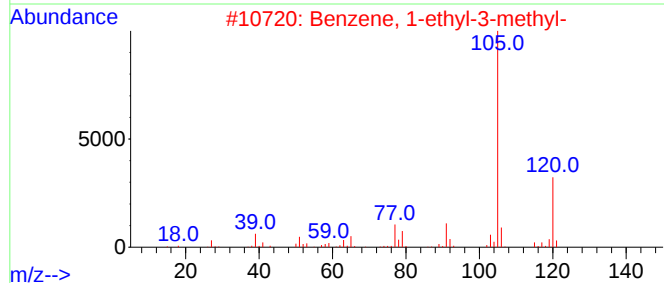
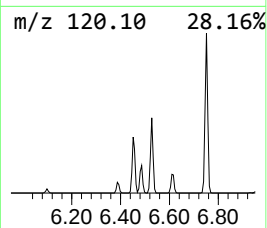
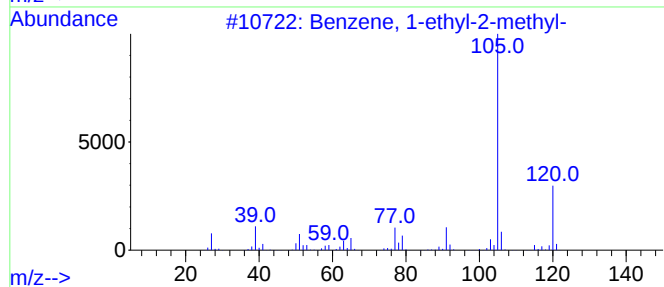
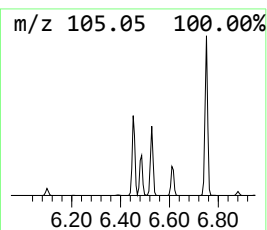
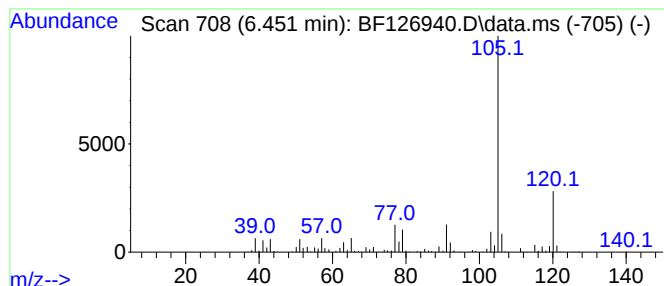
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.451	8.93 ng	390042	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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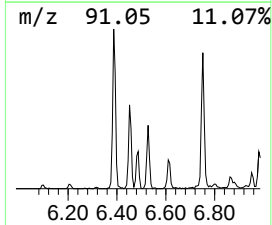
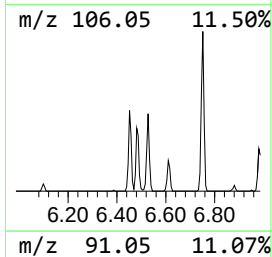
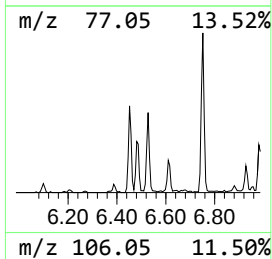
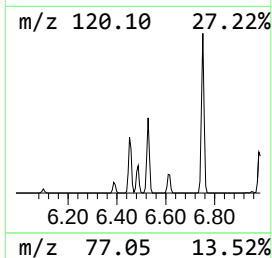
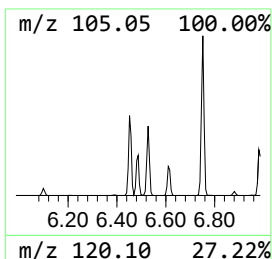
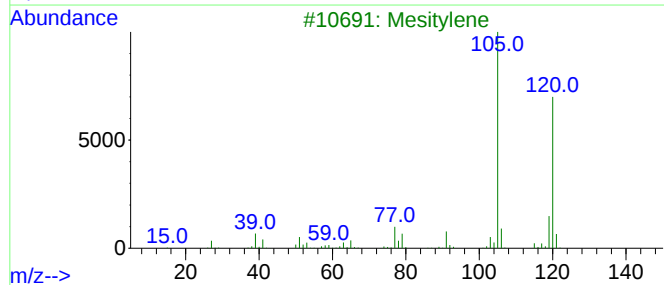
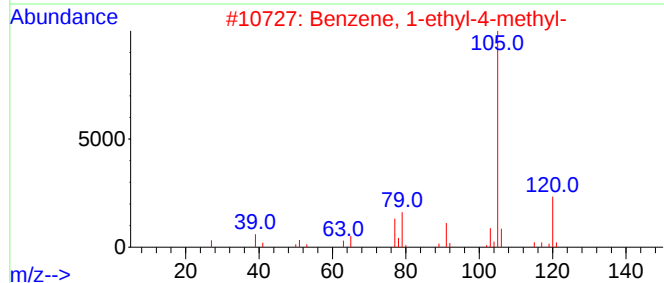
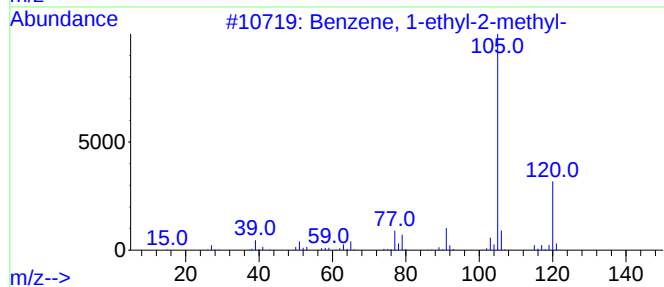
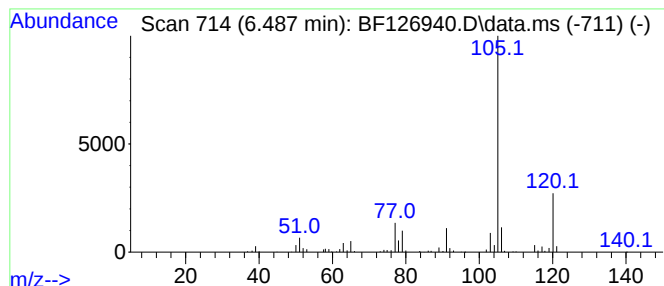
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	4.18 ng	182420	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

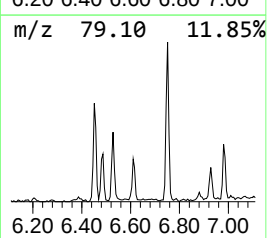
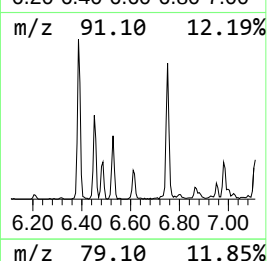
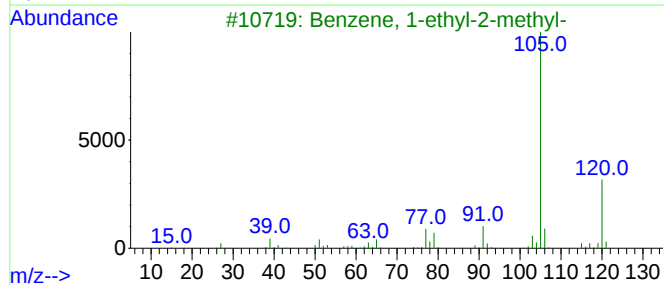
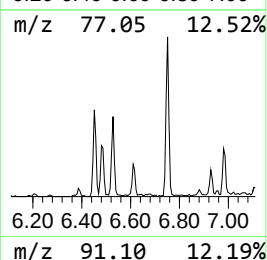
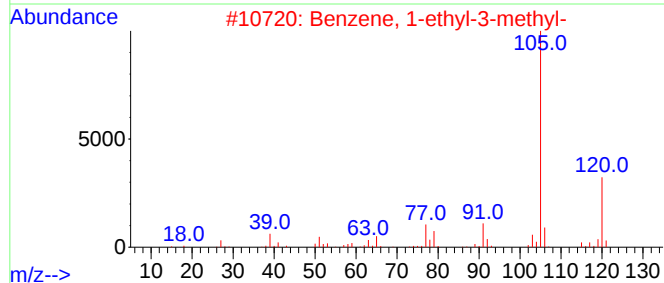
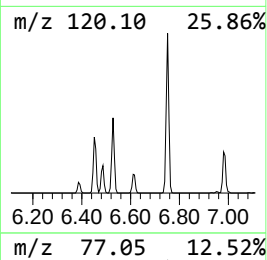
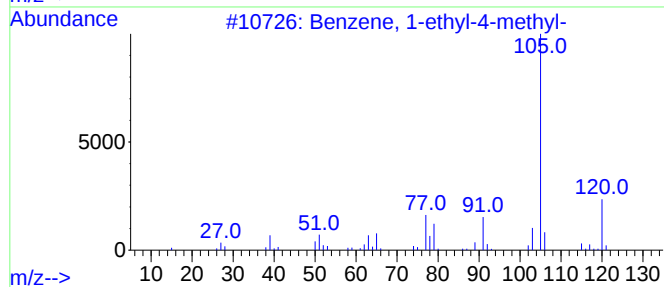
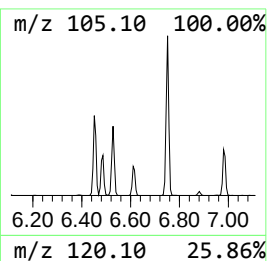
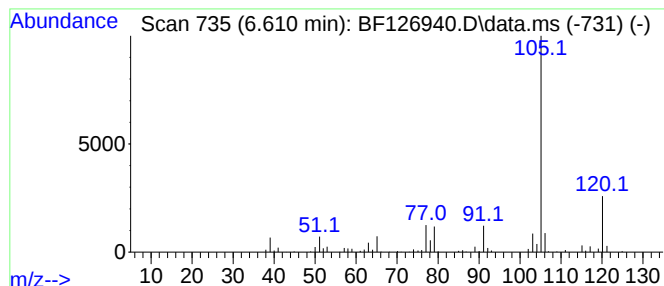
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	3.55 ng	155274	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
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Instrument :
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ClientSampleId :
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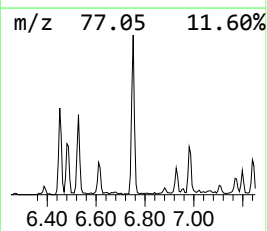
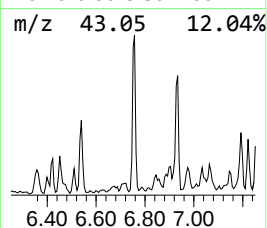
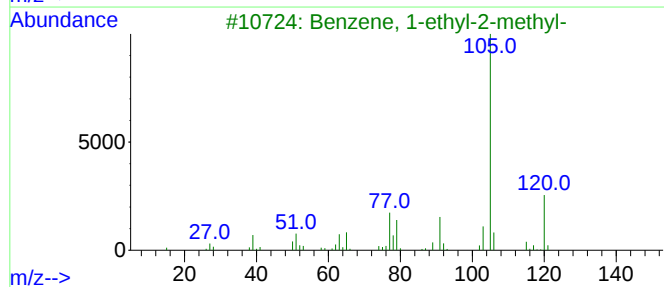
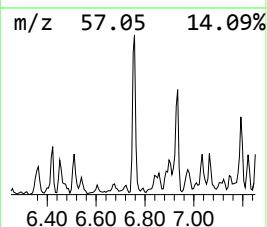
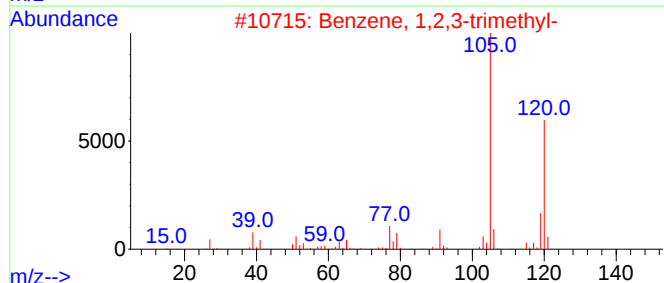
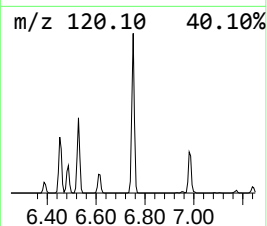
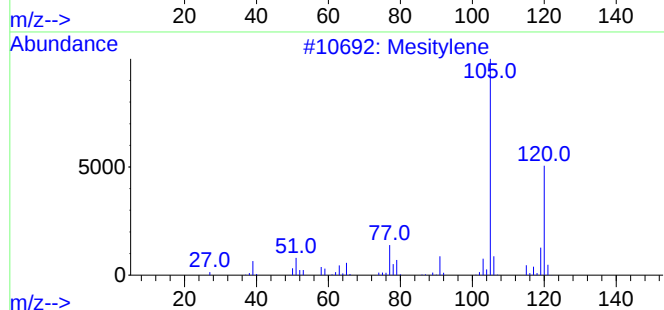
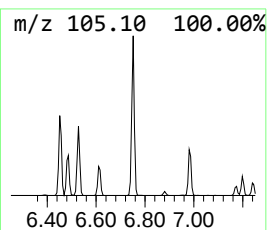
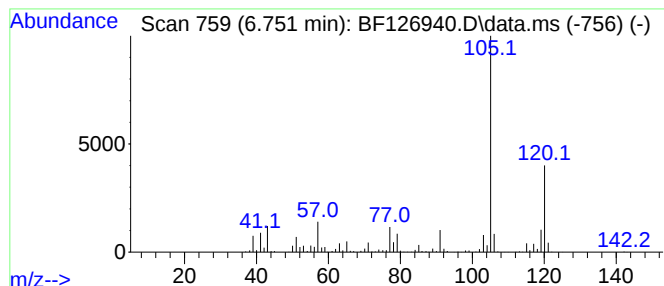
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	18.13 ng	791785	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NE-SURFICIAL-SOIL

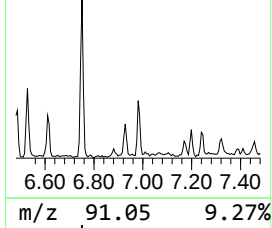
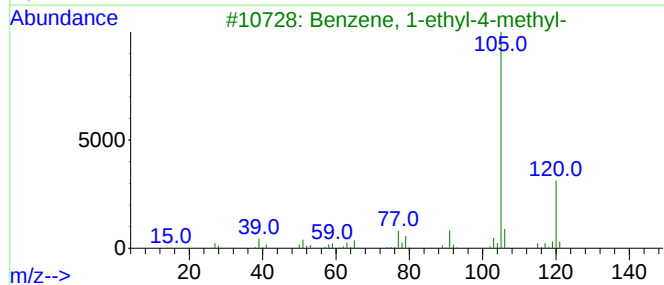
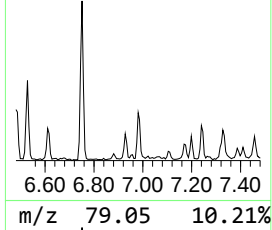
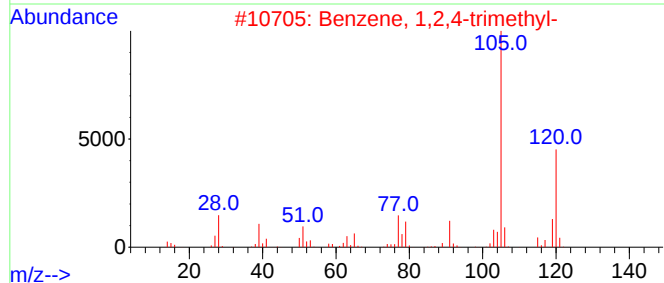
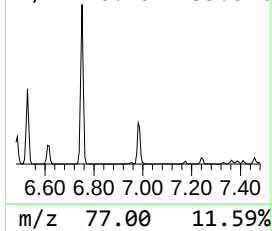
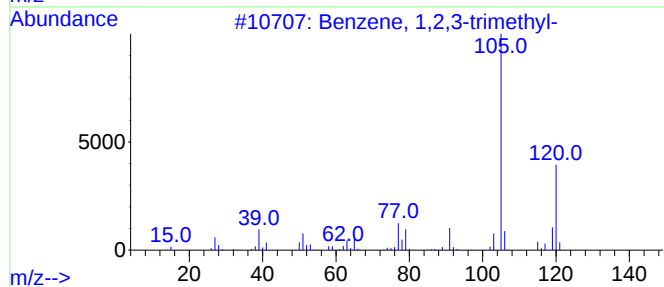
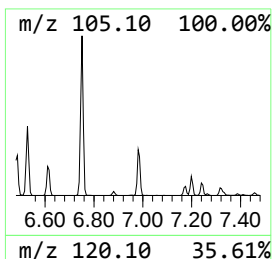
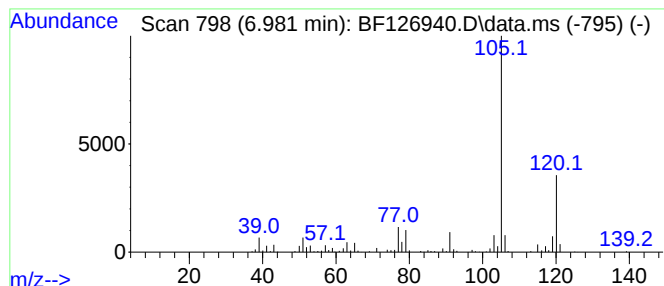
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	5.16 ng	225227	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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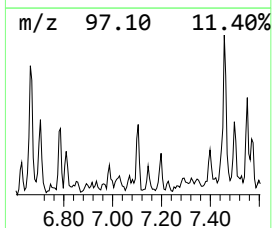
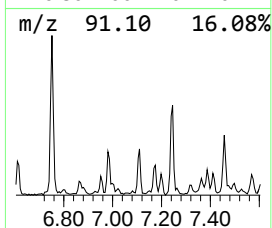
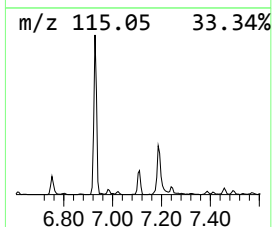
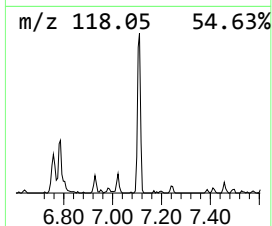
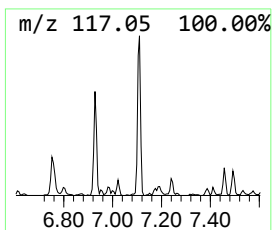
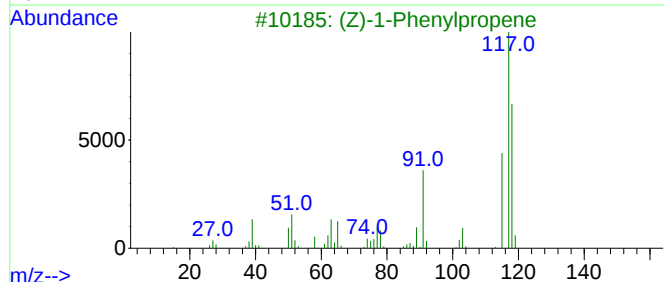
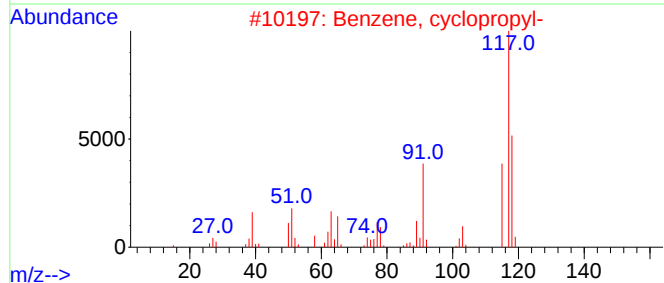
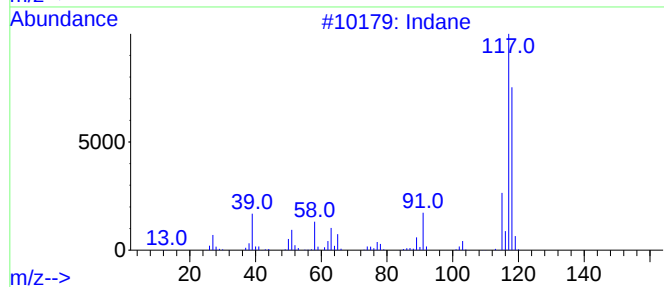
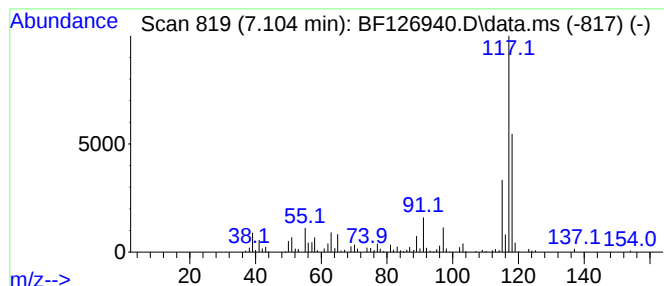
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	3.63 ng	158427	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5			Deltacyclene	118	C9H10	007785-10-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
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Acq On : 17 Feb 2022 21:42
Operator : CG\JU
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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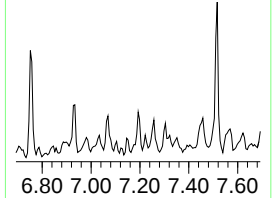
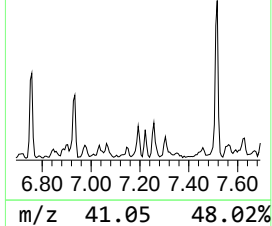
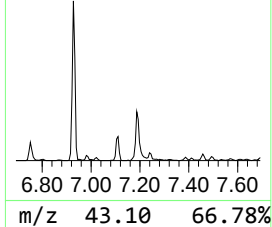
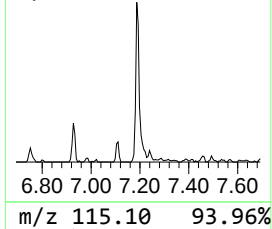
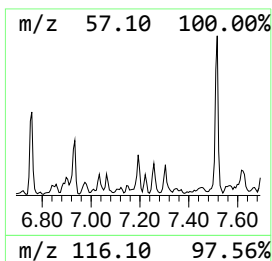
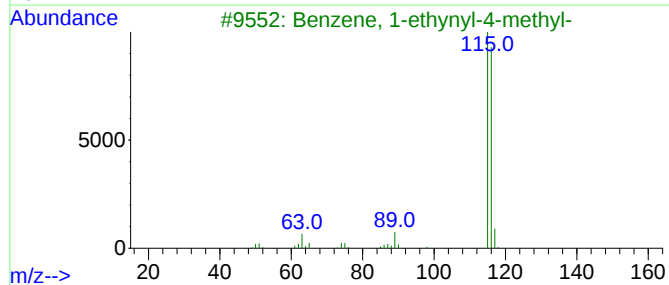
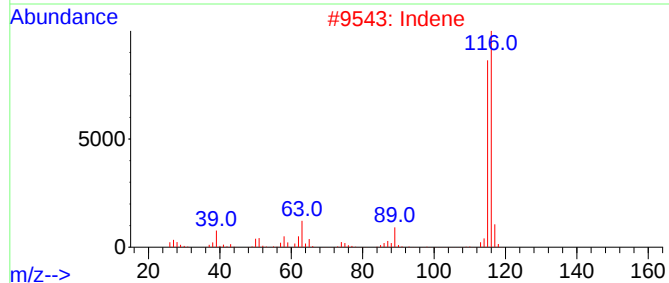
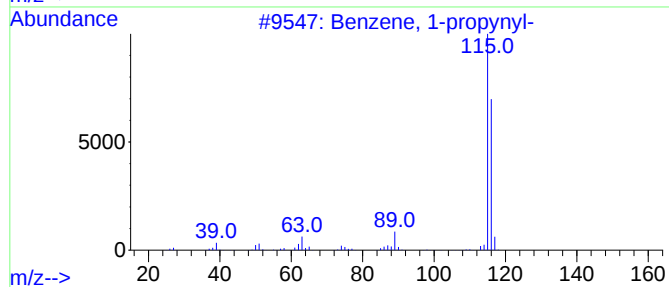
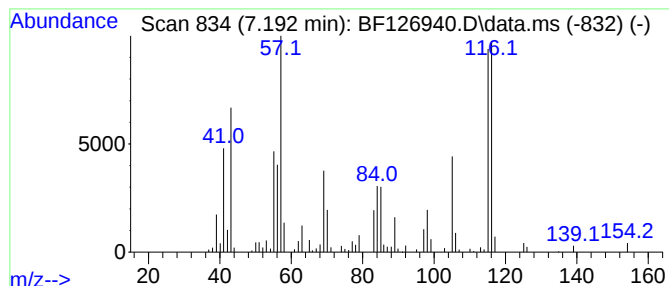
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-propynyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.192	5.18 ng	226388	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	50
2			Indene	116	C9H8	000095-13-6	45
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	38
4			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	38
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
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Instrument :
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ClientSampleId :
NE-SURFICIAL-SOIL

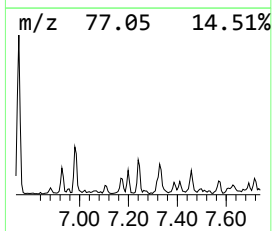
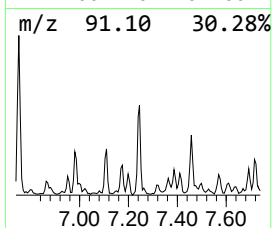
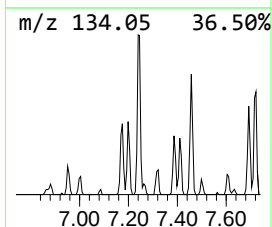
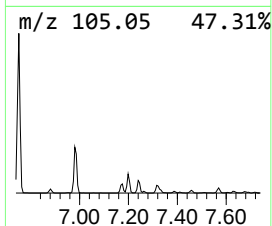
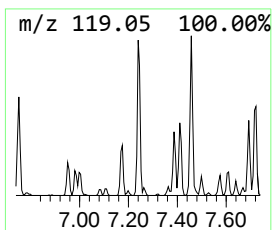
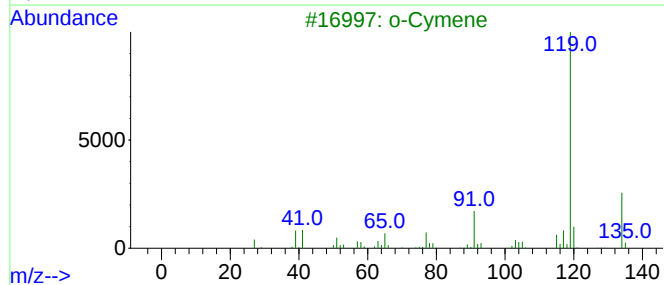
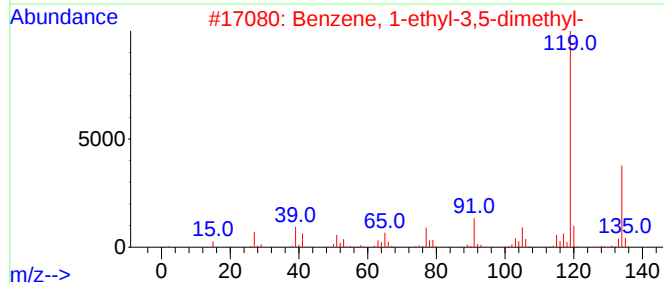
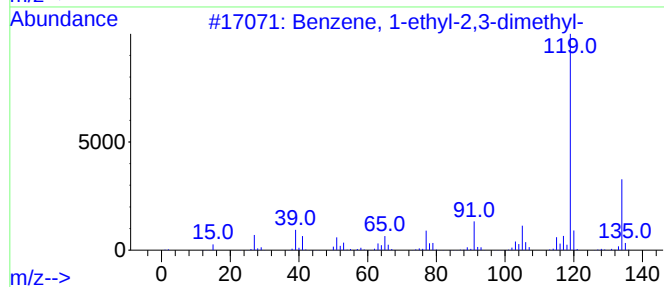
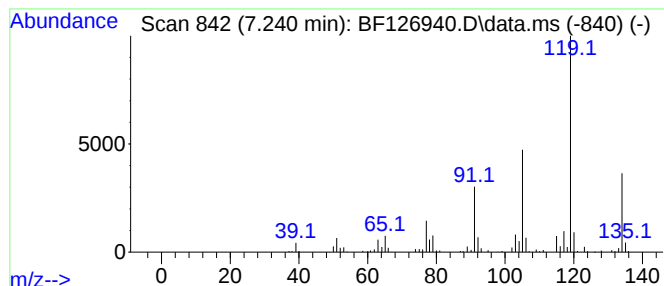
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.240	5.09 ng	222307	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
NE-SURFICIAL-SOIL

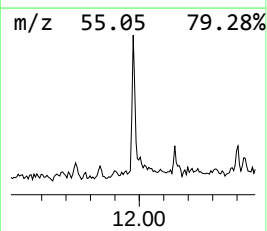
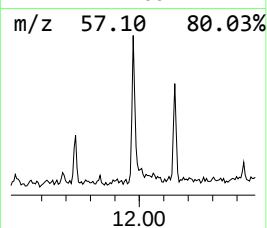
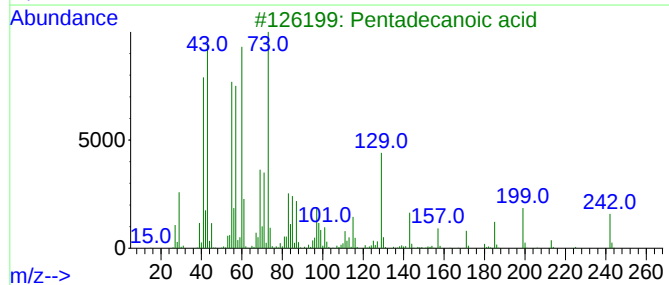
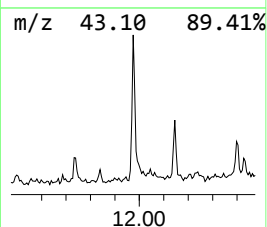
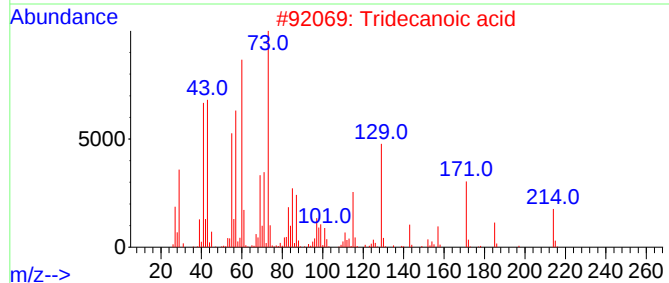
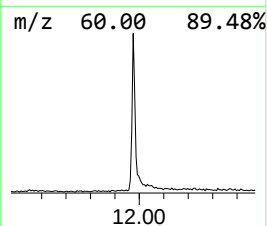
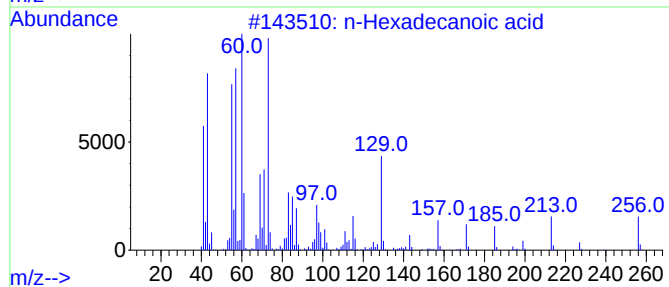
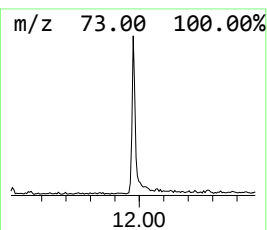
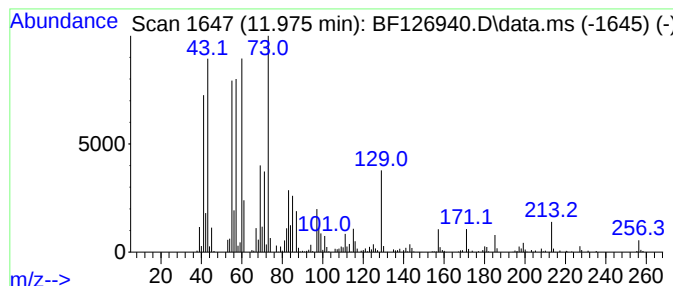
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	10.66 ng	465580	Phenanthrene-d10	11.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

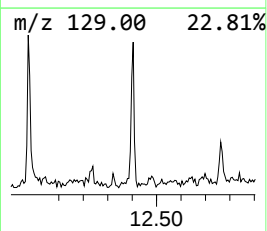
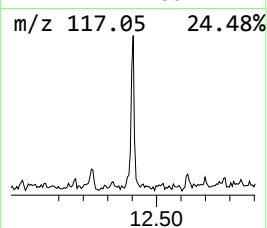
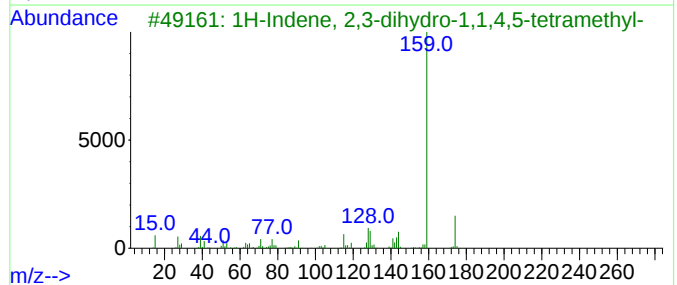
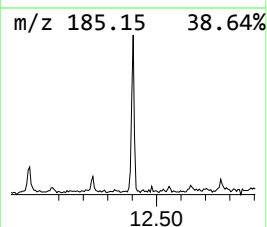
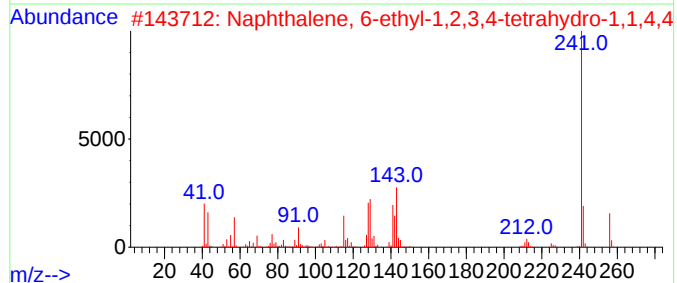
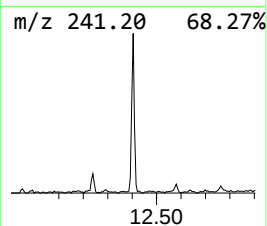
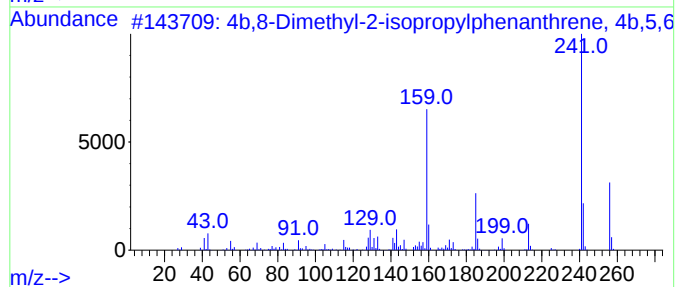
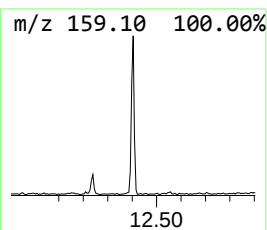
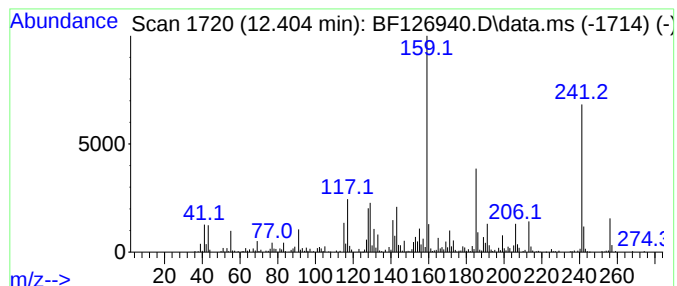
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	7.06 ng	308196	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2			Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	74
3			1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	41
4			2-(4-(2-Methylprop-1-en-1-yl)phe...	203	C13H17NO	1000466-09-8	38
5			1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

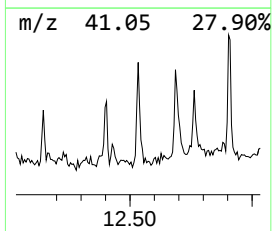
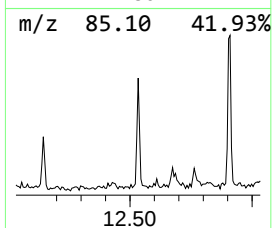
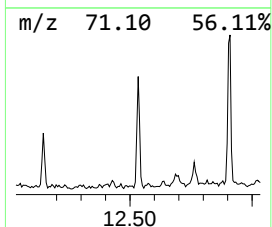
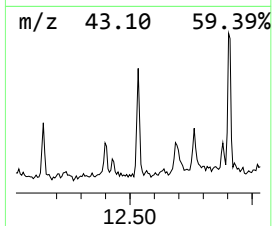
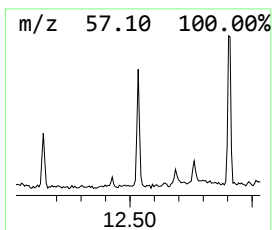
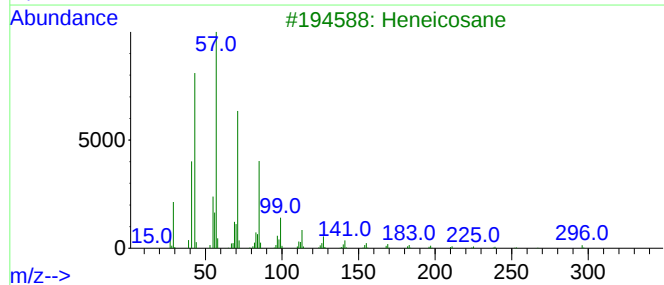
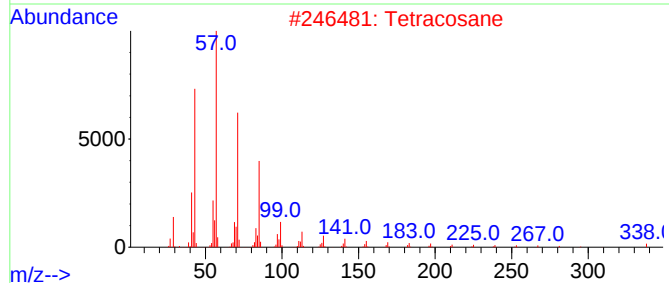
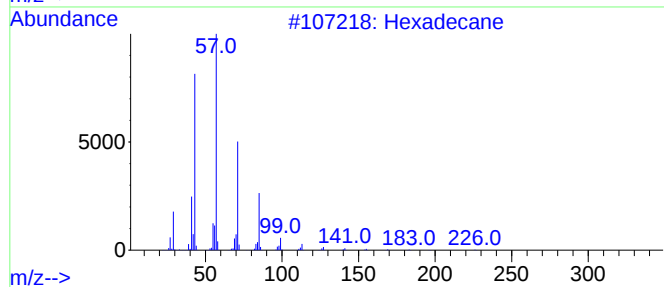
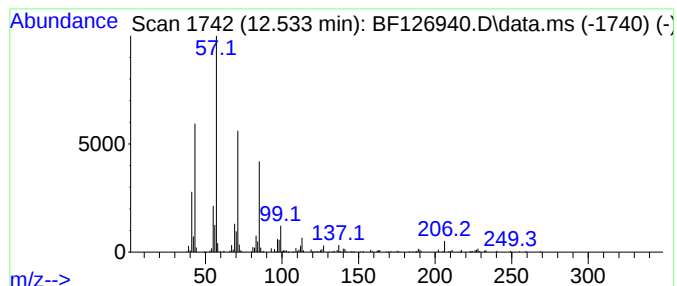
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	3.75 ng	163679	Phenanthrene-d10	11.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	97
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

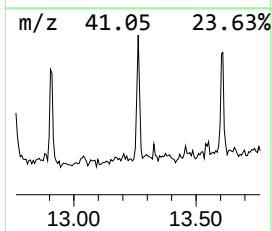
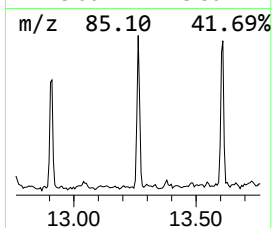
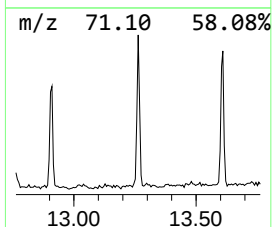
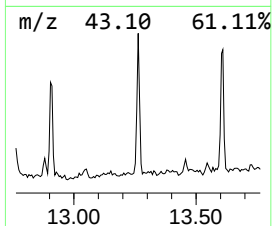
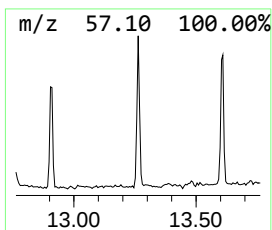
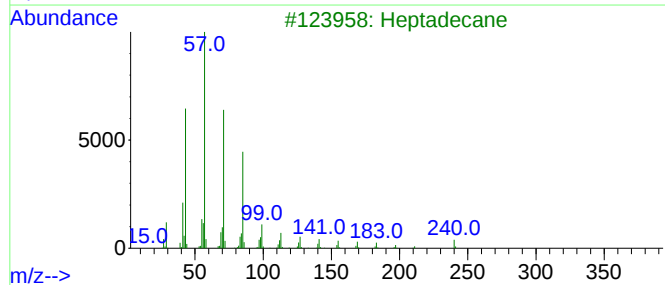
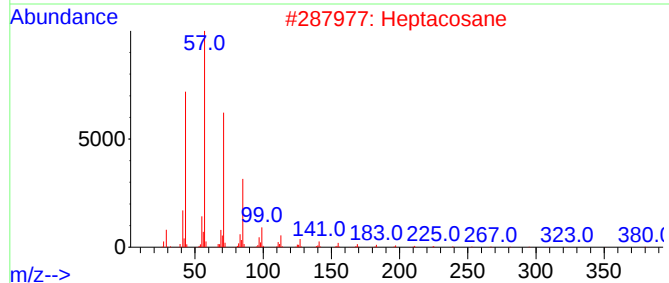
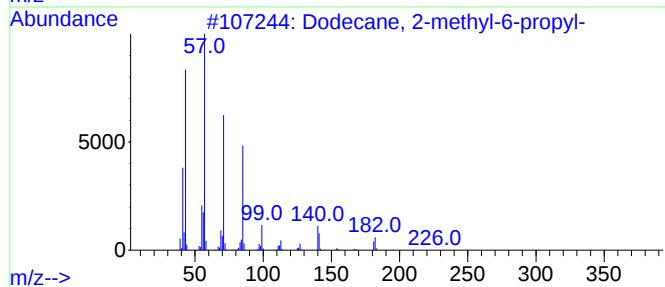
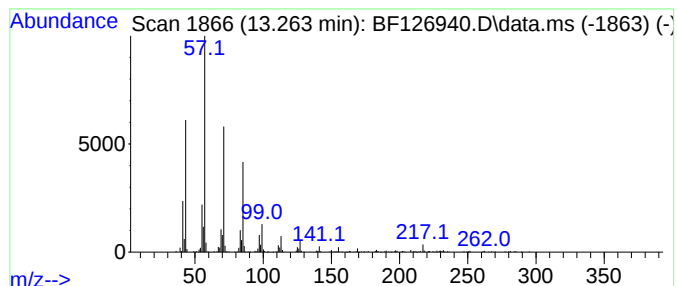
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	4.61 ng	235414	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NE-SURFICIAL-SOIL

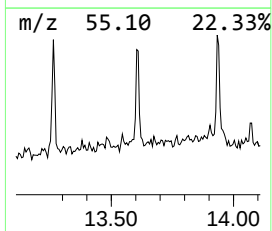
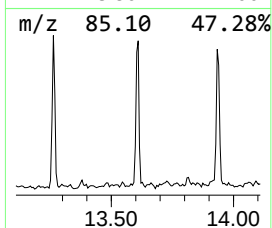
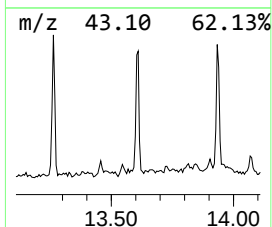
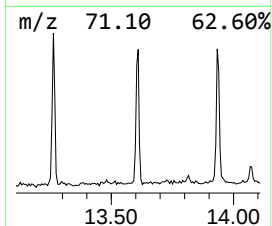
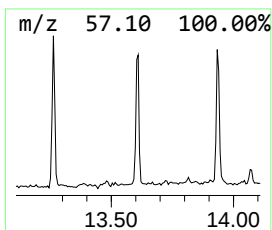
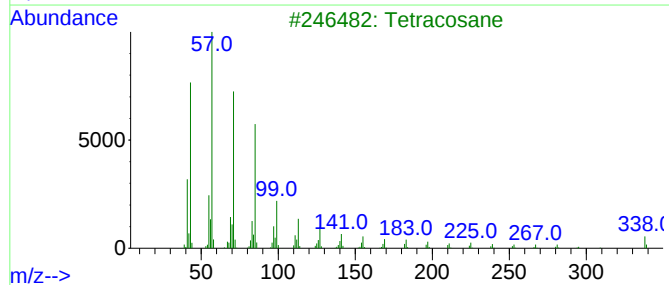
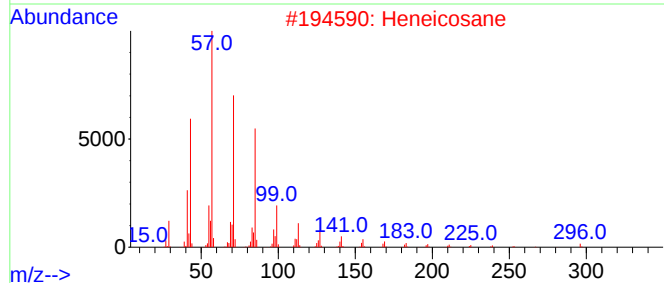
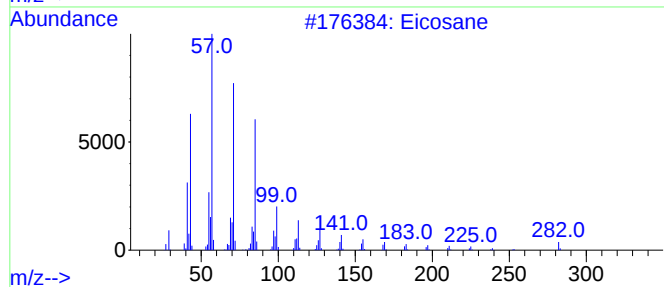
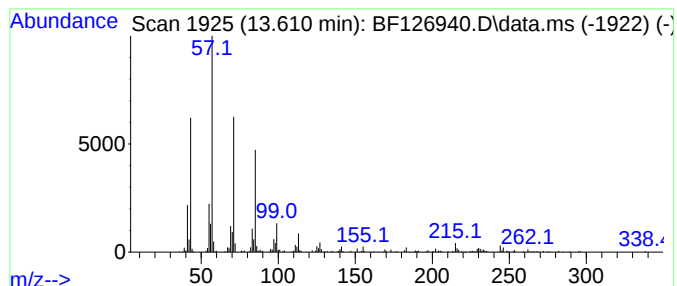
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	4.75 ng	242543	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Heneicosane	296	C21H44	000629-94-7	96
3			Tetracosane	338	C24H50	000646-31-1	95
4			Nonadecane	268	C19H40	000629-92-5	95
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

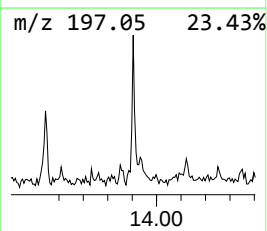
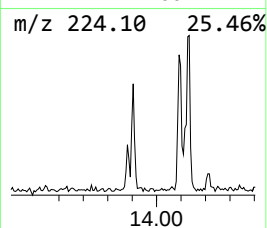
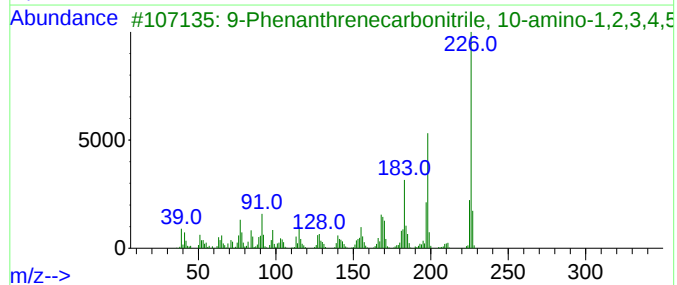
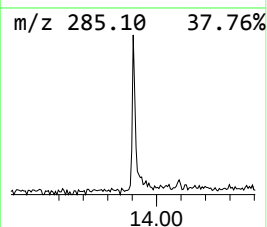
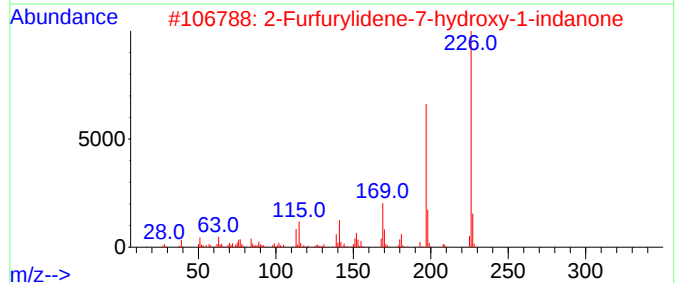
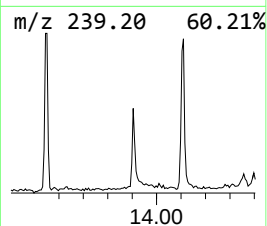
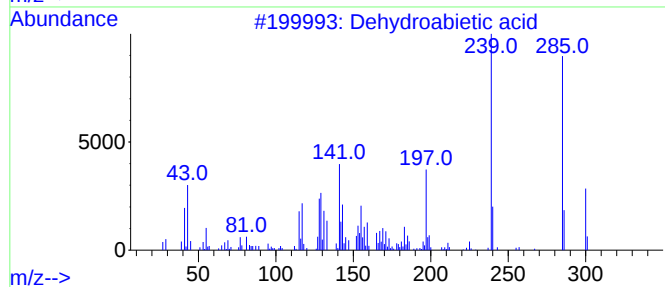
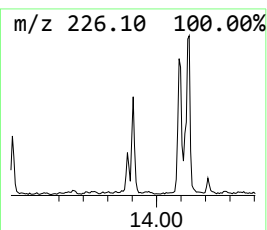
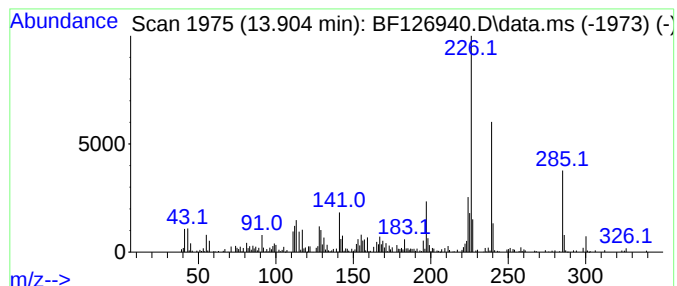
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dehydroabietic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.47 ng	177334	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dehydroabietic acid	300	C20H28O2	001740-19-8	83
2			2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	45
3			9-Phenanthrenecarbonitrile, 10-a...	226	C15H18N2	1010338-20-4	43
4			2,7-Diamino-9H-xanthen-9-one	226	C13H10N2O2	019706-54-8	38
5			2-(2-Oxocyclohexyl)quinoxaline	226	C14H14N2O	019836-17-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

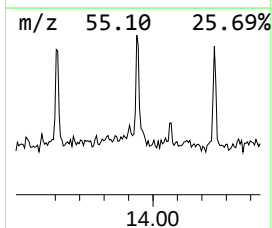
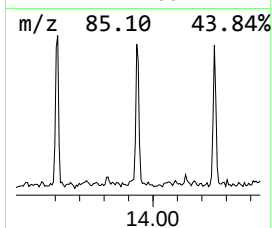
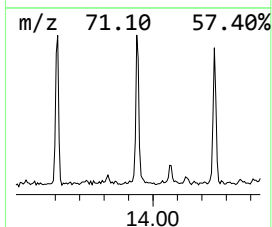
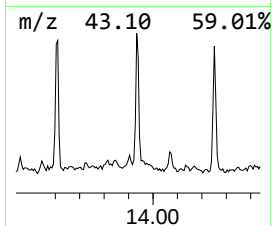
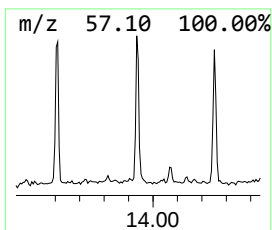
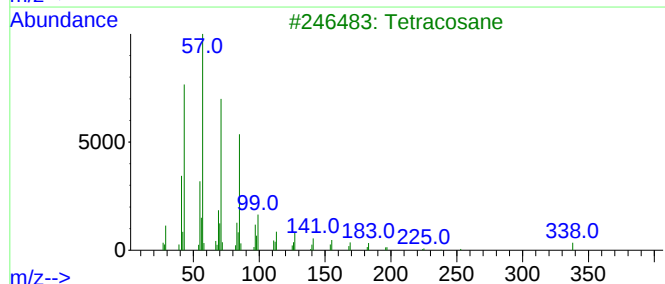
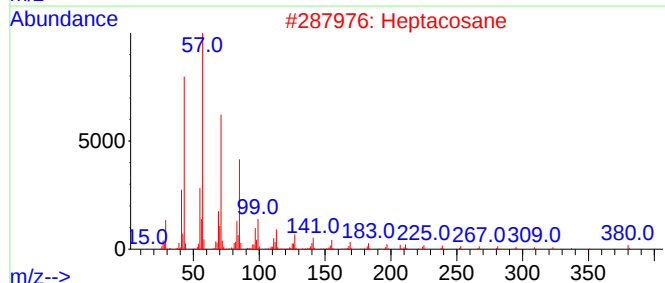
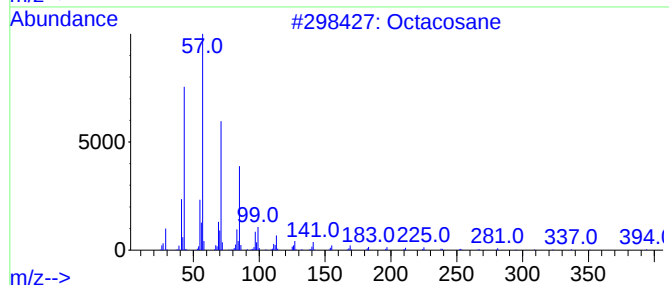
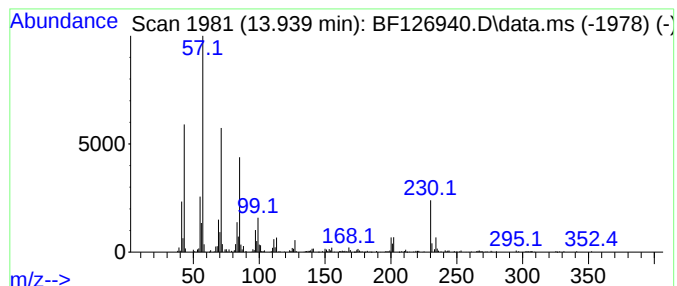
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	6.92 ng	353216	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	68
2			Heptacosane	380	C27H56	000593-49-7	68
3			Tetracosane	338	C24H50	000646-31-1	64
4			Heptadecane	240	C17H36	000629-78-7	64
5			Pentacosane	352	C25H52	000629-99-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

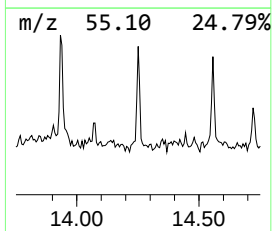
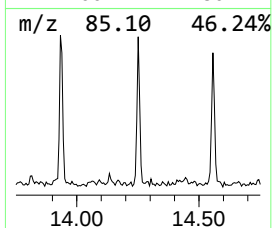
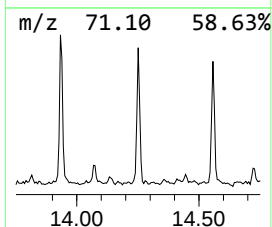
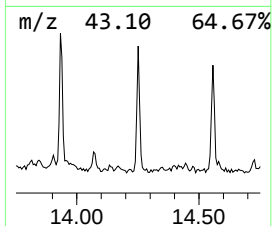
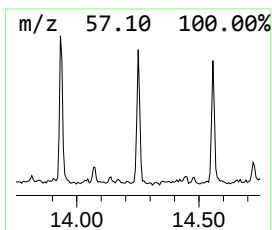
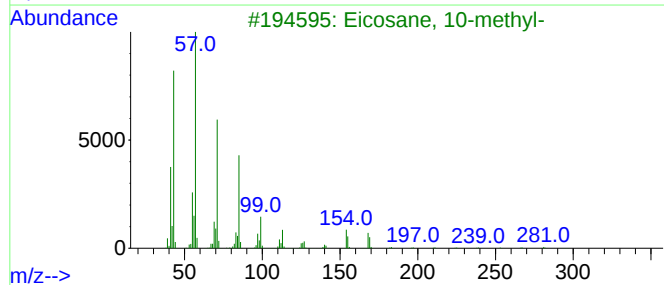
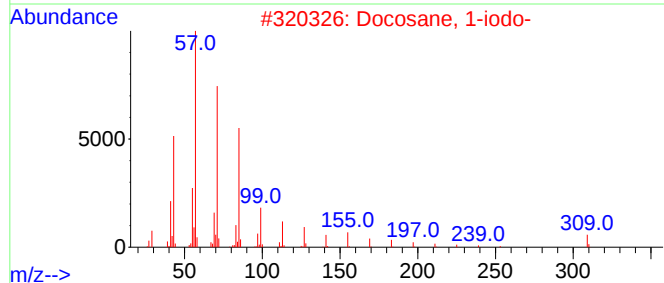
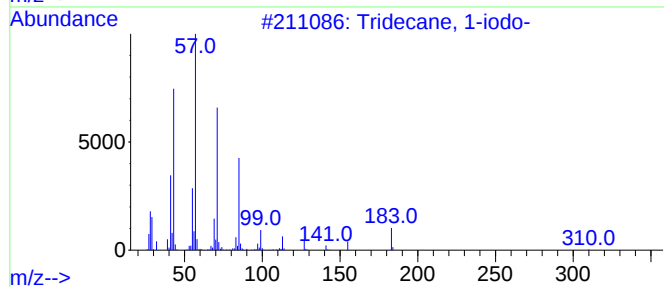
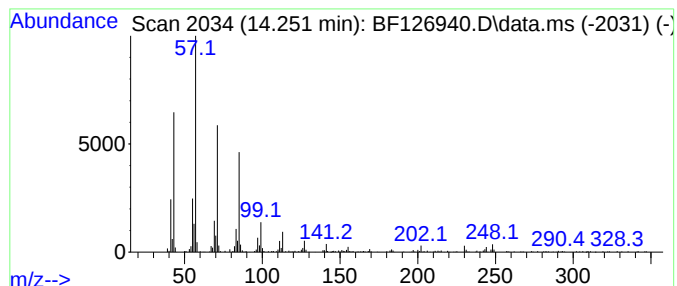
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	4.40 ng	224758	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	83
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4			Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

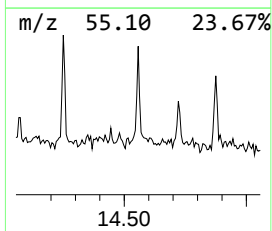
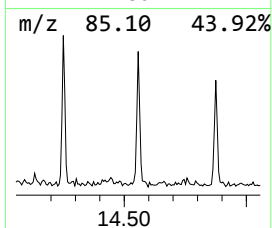
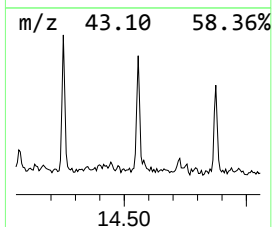
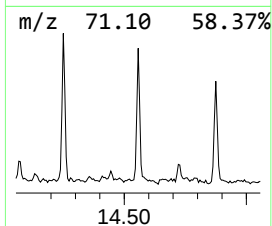
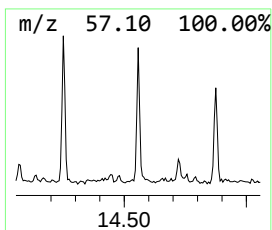
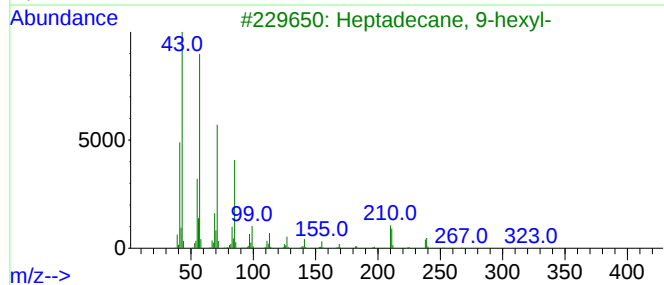
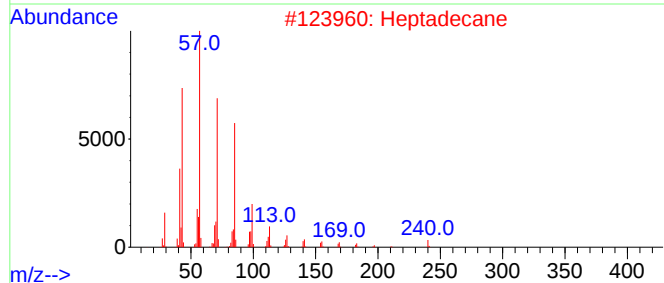
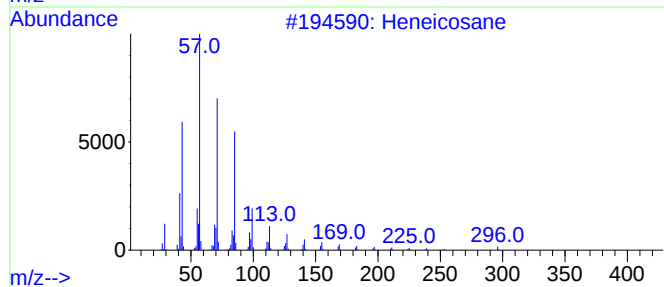
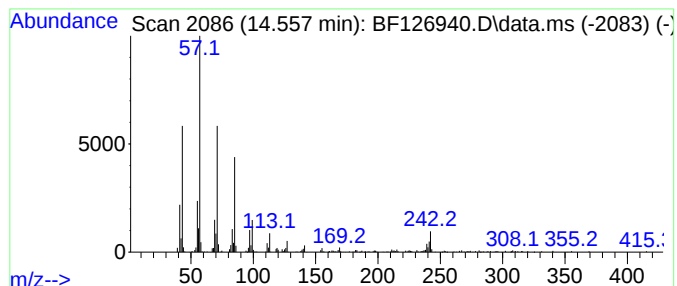
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	3.89 ng	198571	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4			Tricosane	324	C23H48	000638-67-5	81
5			Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

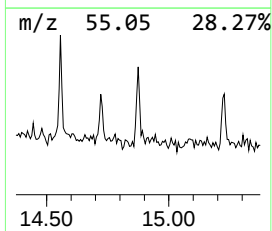
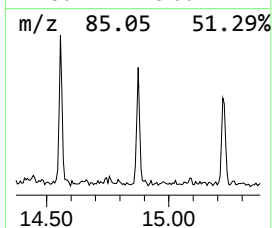
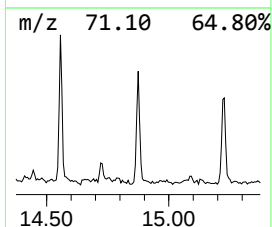
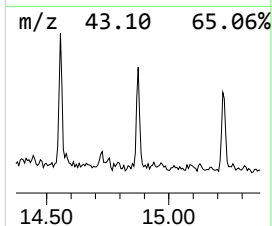
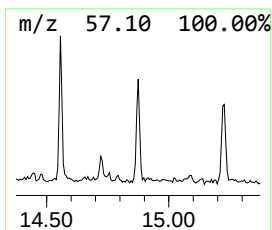
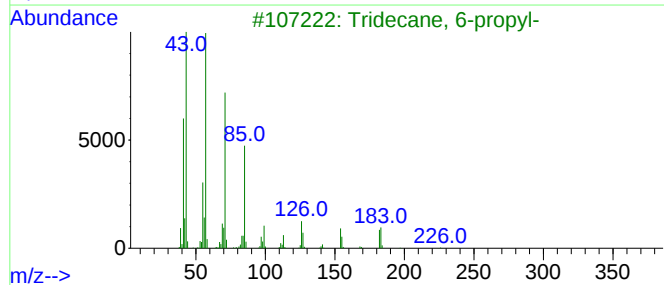
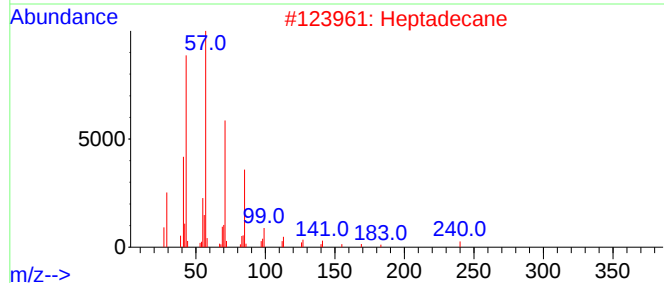
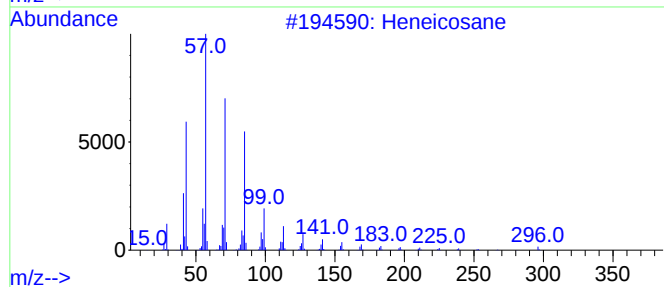
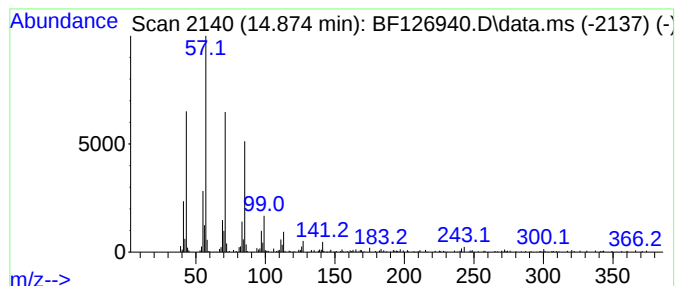
Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.874	4.57 ng	168083	Perylene-d12	15.610	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126940.D
Acq On : 17 Feb 2022 21:42
Operator : CG\JU
Sample : N1556-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NE-SURFICIAL-SOIL

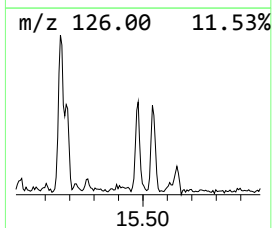
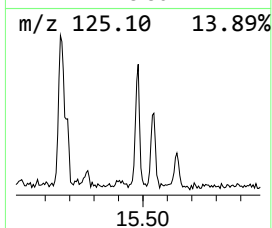
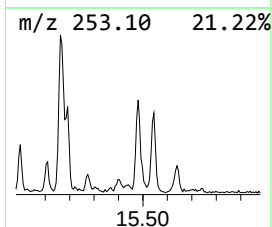
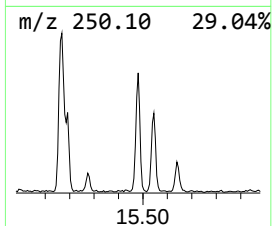
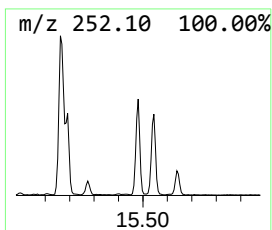
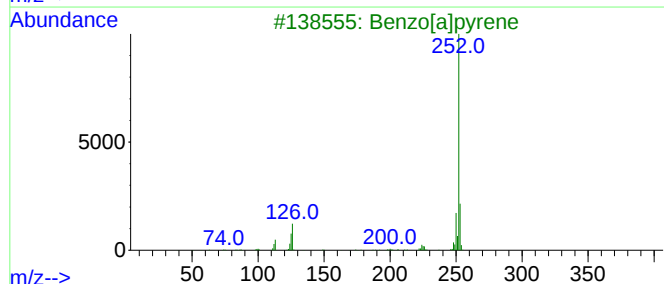
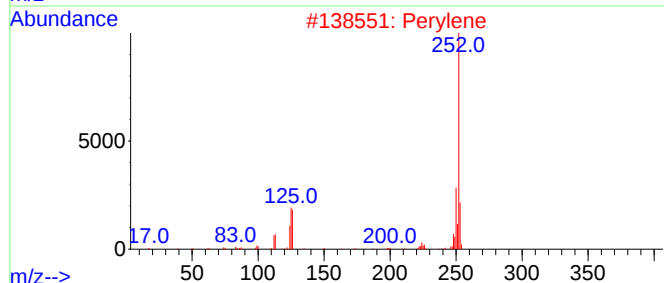
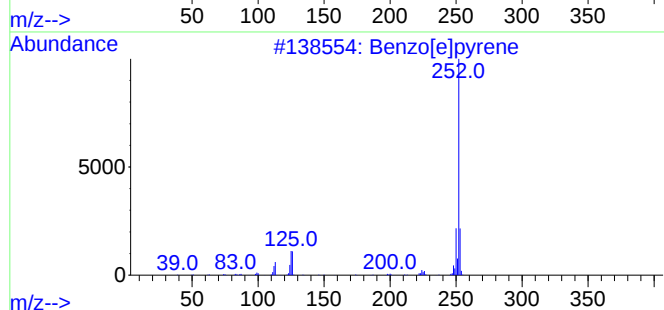
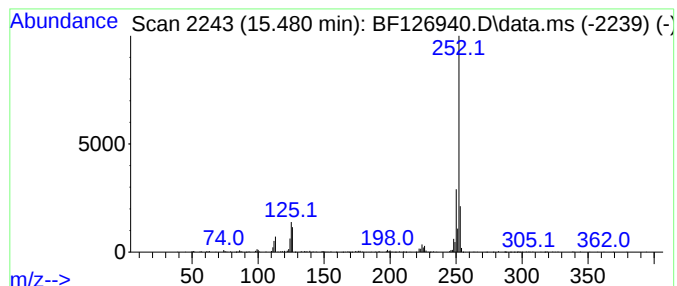
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	8.28 ng	304536	Perylene-d12	15.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126940.D
 Acq On : 17 Feb 2022 21:42
 Operator : CG\JU
 Sample : N1556-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NE-SURFICIAL-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-ethy...	6.451	8.9	ng	390042	1	6.928	873603	20.0
Benzene, 1-ethy...	6.487	4.2	ng	182420	1	6.928	873603	20.0
Benzene, 1-ethy...	6.610	3.5	ng	155274	1	6.928	873603	20.0
Mesitylene	6.751	18.1	ng	791785	1	6.928	873603	20.0
Benzene, 1,2,3-...	6.981	5.2	ng	225227	1	6.928	873603	20.0
Indane	7.104	3.6	ng	158427	1	6.928	873603	20.0
Benzene, 1-prop...	7.192	5.2	ng	226388	1	6.928	873603	20.0
Benzene, 1-ethy...	7.240	5.1	ng	222307	1	6.928	873603	20.0
n-Hexadecanoic ...	11.975	10.7	ng	465580	4	11.463	873478	20.0
4b,8-Dimethyl-2...	12.404	7.1	ng	308196	4	11.463	873478	20.0
Hexadecane	12.533	3.8	ng	163679	4	11.463	873478	20.0
Dodecane, 2-met...	13.263	4.6	ng	235414	5	14.104	1021470	20.0
Eicosane	13.610	4.8	ng	242543	5	14.104	1021470	20.0
Dehydroabietic ...	13.904	3.5	ng	177334	5	14.104	1021470	20.0
Octacosane	13.939	6.9	ng	353216	5	14.104	1021470	20.0
Tridecane, 1-iodo-	14.251	4.4	ng	224758	5	14.104	1021470	20.0
Heneicosane	14.557	3.9	ng	198571	5	14.104	1021470	20.0
Heptadecane	14.874	4.6	ng	168083	6	15.610	735215	20.0
Benzo[e]pyrene	15.480	8.3	ng	304536	6	15.610	735215	20.0