

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132563.D
 Acq On : 27 Feb 2023 20:53
 Operator : CG\JU
 Sample : 01701-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB01

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-BF022223.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132563.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.284	56	76	83	rBV	73438	187480	6.44%	0.433%
2	5.237	403	408	414	rVB	1435296	1607861	55.22%	3.713%
3	5.601	467	470	471	rBV	121450	101784	3.50%	0.235%
4	5.631	471	475	485	rVB	2646564	2523442	86.66%	5.828%
5	5.860	510	514	517	rBV	140142	140620	4.83%	0.325%
6	6.019	537	541	546	rBV2	80246	107250	3.68%	0.248%
7	6.260	575	582	587	rBV4	62963	120711	4.15%	0.279%
8	6.525	624	627	630	rBV2	93212	103598	3.56%	0.239%
9	6.625	641	644	647	rVV	2692770	2509338	86.18%	5.795%
10	6.825	675	678	682	rBV	253112	216106	7.42%	0.499%
11	7.001	705	708	711	rVV	1158048	922522	31.68%	2.131%
12	7.313	757	761	769	rVB2	68237	96427	3.31%	0.223%
13	7.566	800	804	806	rVV	2030749	1724341	59.22%	3.982%
14	7.584	806	807	812	rVB	136579	106177	3.65%	0.245%
15	8.254	918	921	923	rBV	148453	115295	3.96%	0.266%
16	8.289	923	927	929	rVV	1369340	1130171	38.81%	2.610%
17	8.307	929	930	933	rVV	343808	255111	8.76%	0.589%
18	8.337	933	935	937	rVB	123805	88327	3.03%	0.204%
19	8.695	993	996	998	rBV	207317	143675	4.93%	0.332%
20	8.866	1022	1025	1031	rVB	190527	141856	4.87%	0.328%
21	9.001	1045	1048	1051	rVB	519747	394740	13.56%	0.912%
22	9.101	1062	1065	1068	rBV	464320	360749	12.39%	0.833%
23	9.295	1096	1098	1101	rVB	125705	102263	3.51%	0.236%
24	9.366	1106	1110	1113	rBV	3354224	2911860	100.00%	6.725%
25	9.431	1118	1121	1124	rBV	209026	193225	6.64%	0.446%
26	9.466	1124	1127	1130	rVB	105675	97385	3.34%	0.225%
27	9.625	1151	1154	1158	rVB	174314	230306	7.91%	0.532%
28	9.701	1164	1167	1170	rVV	331378	347255	11.93%	0.802%
29	9.731	1170	1172	1174	rVV	302308	239623	8.23%	0.553%
30	9.754	1174	1176	1179	rVV2	260008	230872	7.93%	0.533%
31	9.825	1183	1188	1189	rVV3	181218	194412	6.68%	0.449%
32	9.907	1199	1202	1205	rVB	185963	168065	5.77%	0.388%
33	9.966	1205	1212	1215	rVB	252629	227112	7.80%	0.525%
34	10.025	1220	1222	1223	rBV	118094	90967	3.12%	0.210%
35	10.048	1223	1226	1230	rVV	1312289	1197045	41.11%	2.765%
36	10.083	1230	1232	1235	rVB	167501	125764	4.32%	0.290%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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37	10.201	1247	1252	1254	rBV4	90687	128052	4.40%	0.296%
38	10.254	1257	1261	1264	rVV2	234540	251102	8.62%	0.580%
39	10.289	1264	1267	1271	rVV2	170508	174989	6.01%	0.404%
40	10.366	1277	1280	1282	rBV	143601	135570	4.66%	0.313%
41	10.395	1282	1285	1290	rVV	109418	113875	3.91%	0.263%
42	10.466	1291	1297	1301	rVB3	317712	430747	14.79%	0.995%
43	10.589	1315	1318	1325	rBV3	235320	299544	10.29%	0.692%
44	10.689	1331	1335	1337	rBV	129929	120389	4.13%	0.278%
45	10.766	1341	1348	1351	rBV2	976285	965906	33.17%	2.231%
46	10.842	1358	1361	1365	rBV	1814309	1544200	53.03%	3.566%
47	10.954	1375	1380	1388	rVB	515100	705627	24.23%	1.630%
48	11.072	1396	1400	1404	rBV3	90315	100224	3.44%	0.231%
49	11.278	1430	1435	1438	rBV5	148889	233369	8.01%	0.539%
50	11.348	1444	1447	1451	rBV2	129636	126040	4.33%	0.291%
51	11.389	1451	1454	1457	rVV	325983	308333	10.59%	0.712%
52	11.419	1457	1459	1461	rVV	130265	125057	4.29%	0.289%
53	11.548	1477	1481	1483	rBV	1114841	1062207	36.48%	2.453%
54	11.572	1483	1485	1488	rVV	1197623	912067	31.32%	2.106%
55	11.619	1491	1493	1496	rVV	210574	173075	5.94%	0.400%
56	11.777	1516	1520	1524	rBV3	107442	147218	5.06%	0.340%
57	11.819	1524	1527	1530	rVV2	224241	178895	6.14%	0.413%
58	12.054	1563	1567	1569	rBV2	321725	365145	12.54%	0.843%
59	12.077	1569	1571	1574	rVB	406947	328530	11.28%	0.759%
60	12.125	1576	1579	1582	rVV	92173	93430	3.21%	0.216%
61	12.160	1582	1585	1588	rVV2	286693	341031	11.71%	0.788%
62	12.183	1588	1589	1593	rVB	204514	134220	4.61%	0.310%
63	12.230	1594	1597	1599	rBV	238019	190463	6.54%	0.440%
64	12.342	1613	1616	1619	rBV	171376	159308	5.47%	0.368%
65	12.372	1619	1621	1627	rVB2	127151	123727	4.25%	0.286%
66	12.601	1657	1660	1662	rBV	213393	227764	7.82%	0.526%
67	12.619	1662	1663	1668	rVV3	188260	228225	7.84%	0.527%
68	12.689	1672	1675	1679	rBV2	117687	127495	4.38%	0.294%
69	12.766	1685	1688	1692	rBV	1302391	1200634	41.23%	2.773%
70	12.936	1712	1717	1722	rBV2	208231	264154	9.07%	0.610%
71	13.001	1722	1728	1733	rVV	1320925	1479525	50.81%	3.417%
72	13.048	1733	1736	1740	rVB2	144918	170330	5.85%	0.393%
73	13.136	1747	1751	1758	rVB	2615938	2497101	85.76%	5.767%
74	13.213	1760	1764	1771	rBV5	136871	285360	9.80%	0.659%
75	13.301	1776	1779	1781	rVV3	109106	155575	5.34%	0.359%
76	13.324	1781	1783	1786	rVV	214784	185189	6.36%	0.428%

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77	13.354	1786	1788	1790	rVV2	123938	94773	3.25%	0.219%
78	13.395	1792	1795	1797	rVV	113615	105159	3.61%	0.243%
79	13.430	1797	1801	1804	rVB2	175769	207366	7.12%	0.479%
80	13.524	1815	1817	1820	rBV	106327	91591	3.15%	0.212%
81	13.560	1820	1823	1825	rBV2	95376	101002	3.47%	0.233%
82	13.695	1844	1846	1850	rBV4	101218	103781	3.56%	0.240%
83	13.836	1868	1870	1875	rVB	178428	164022	5.63%	0.379%
84	13.954	1885	1890	1892	rBV3	130605	192846	6.62%	0.445%
85	14.024	1899	1902	1904	rVB2	225431	217256	7.46%	0.502%
86	14.201	1927	1932	1935	rBV2	1182663	1618541	55.58%	3.738%
87	14.230	1935	1937	1945	rVB	734833	654600	22.48%	1.512%
88	14.330	1952	1954	1955	rVV	128553	103582	3.56%	0.239%
89	14.371	1958	1961	1963	rVV2	162997	172209	5.91%	0.398%
90	14.424	1967	1970	1974	rVB4	77287	105703	3.63%	0.244%
91	14.589	1996	1998	2002	rVB	151040	142538	4.90%	0.329%
92	14.624	2002	2004	2007	rVV2	95553	98917	3.40%	0.228%
93	14.654	2007	2009	2014	rVV4	89079	124888	4.29%	0.288%
94	15.295	2113	2118	2121	rBV	486572	750983	25.79%	1.734%
95	15.407	2135	2137	2141	rBV	81717	88979	3.06%	0.205%
96	15.624	2170	2174	2180	rVB	285360	386222	13.26%	0.892%
97	15.689	2181	2185	2191	rVB	336047	431326	14.81%	0.996%
98	15.760	2192	2197	2200	rBV	516225	656403	22.54%	1.516%
99	17.354	2464	2468	2476	rVB2	120872	234026	8.04%	0.540%
100	17.842	2546	2551	2558	rVB	102953	205236	7.05%	0.474%

Sum of corrected areas: 43299376

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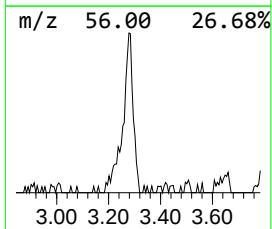
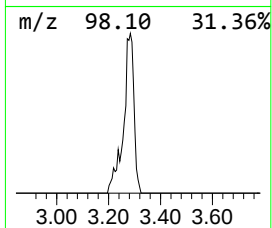
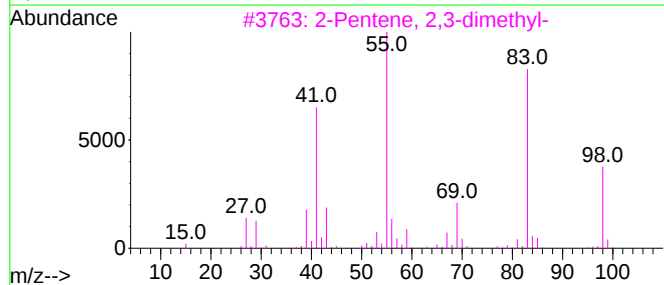
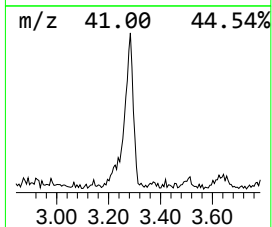
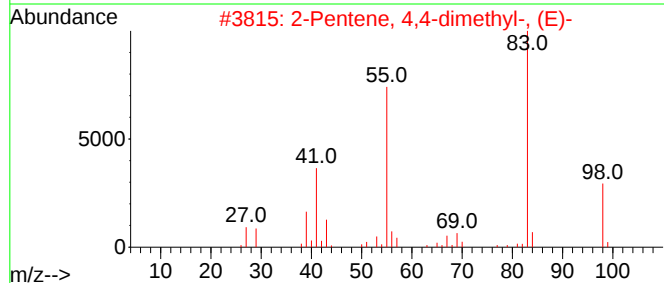
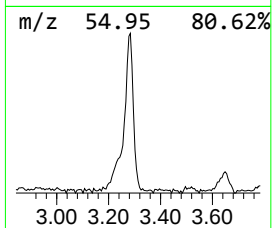
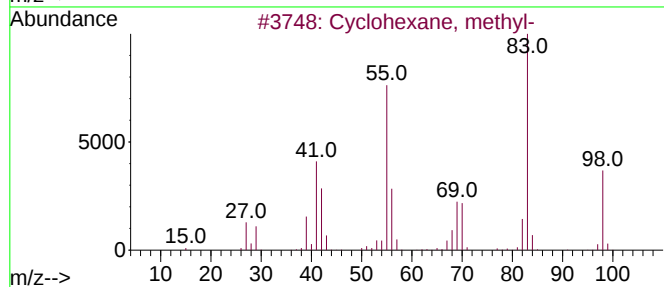
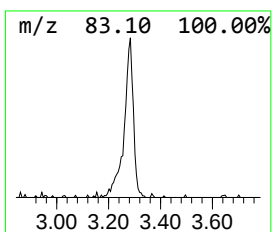
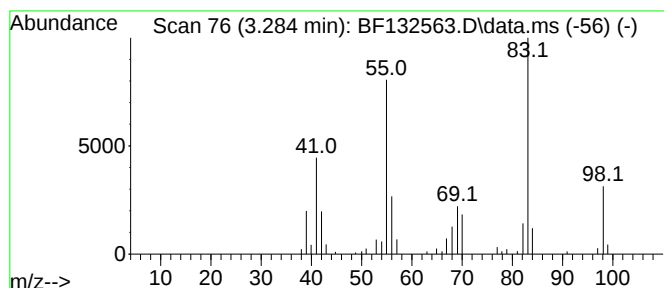
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.284	4.06 ng	187480	1,4-Dichlorobenzene-d4	7.001

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	93
2			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	58
3			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	58
4			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	58
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53



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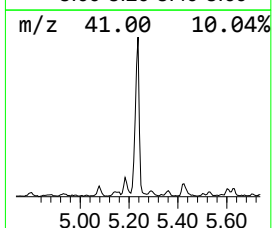
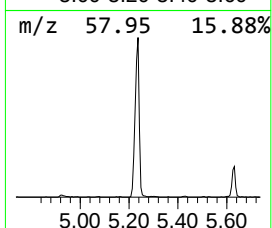
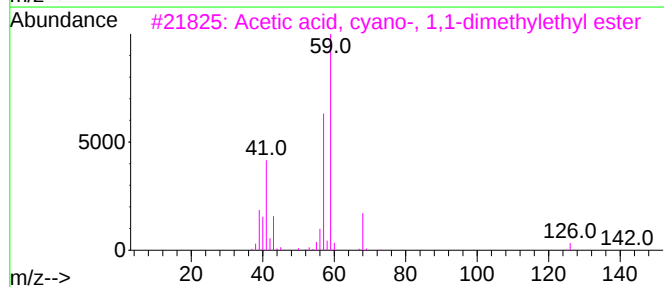
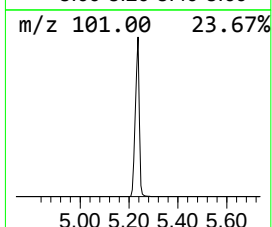
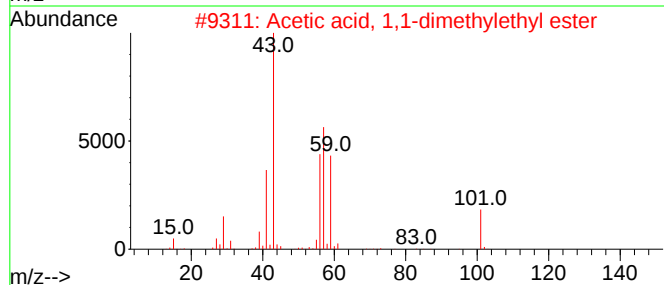
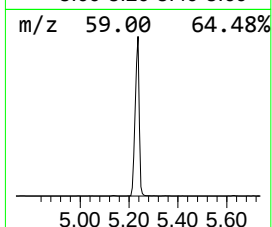
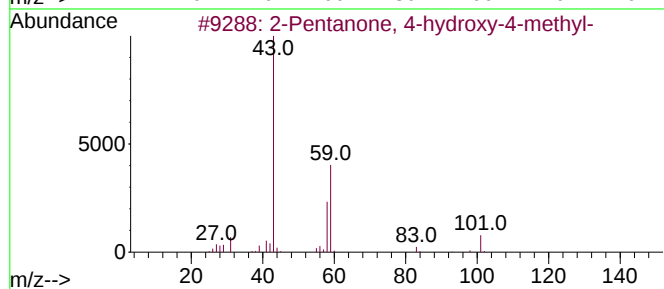
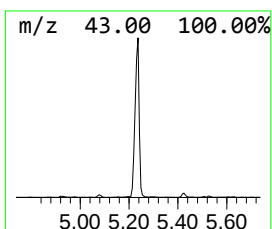
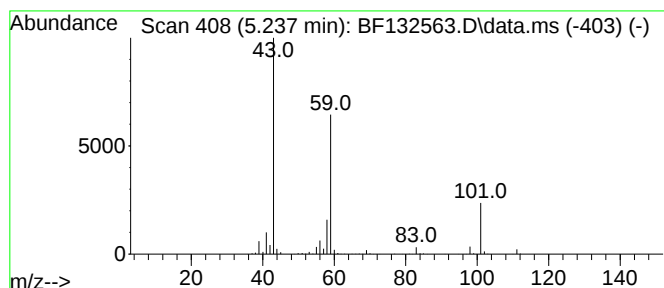
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.237	34.86 ng	1607860	1,4-Dichlorobenzene-d4	7.001

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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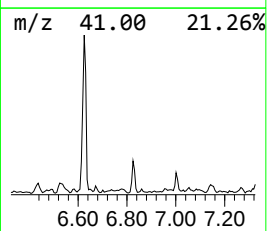
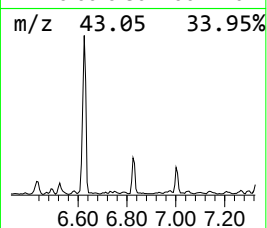
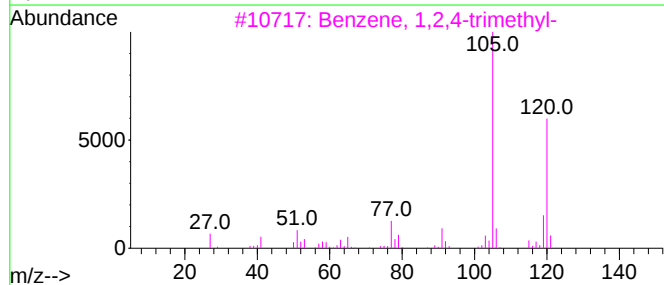
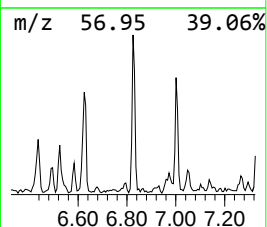
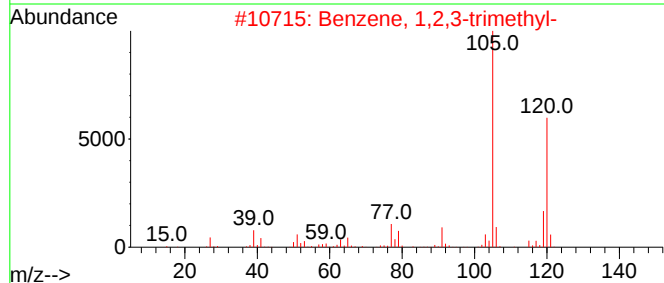
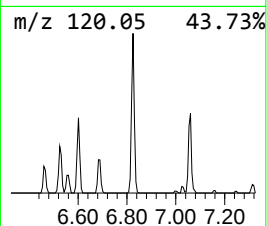
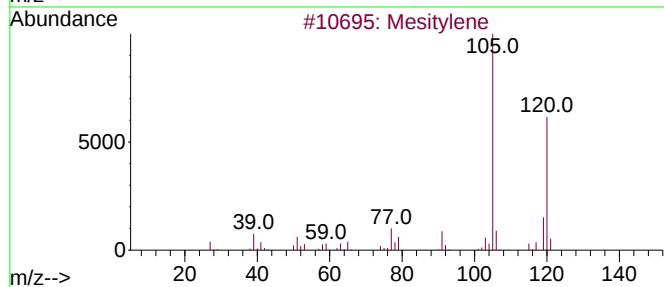
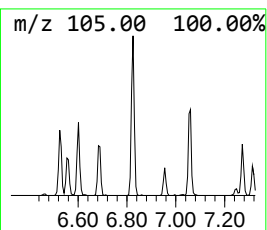
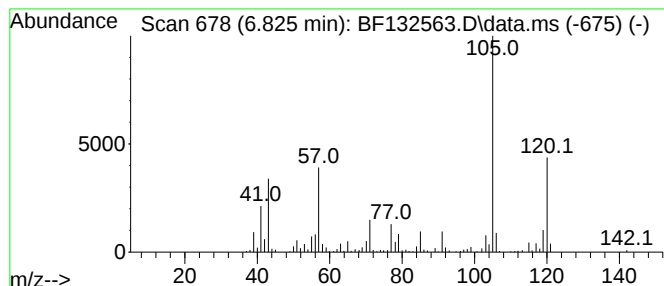
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.825	4.69 ng	216106	1,4-Dichlorobenzene-d4	7.001

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-19-SB01

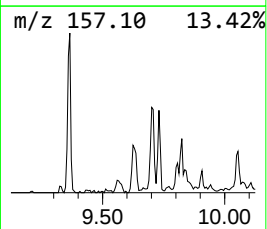
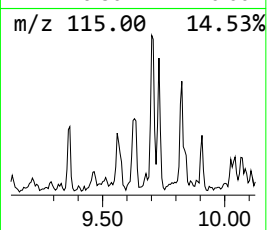
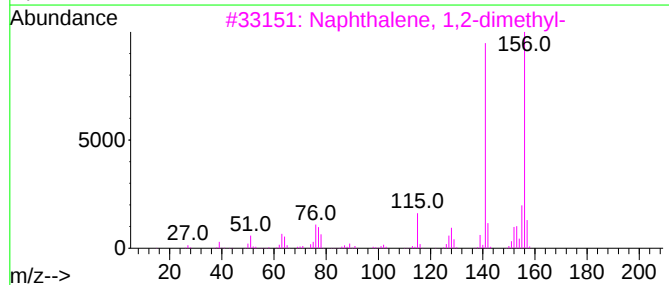
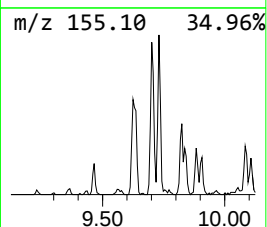
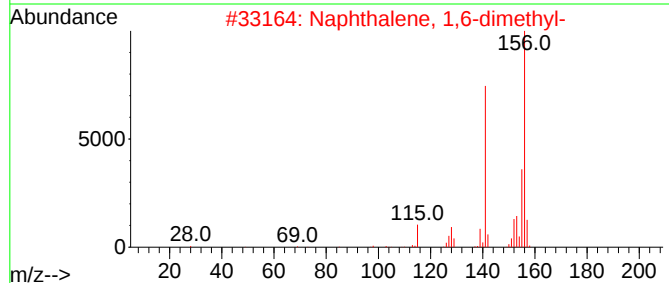
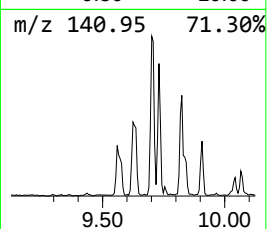
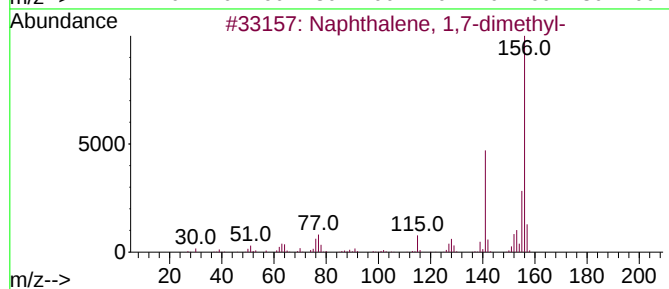
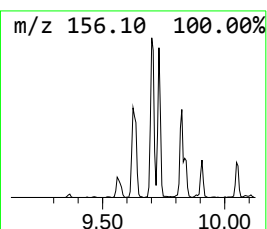
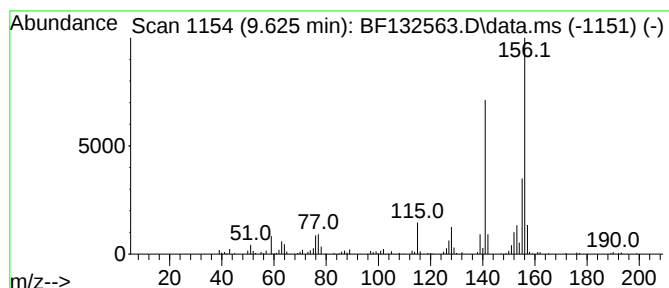
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.625	3.85 ng	230306	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

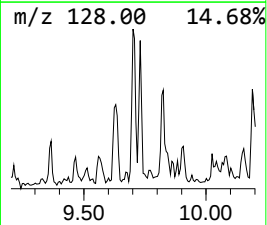
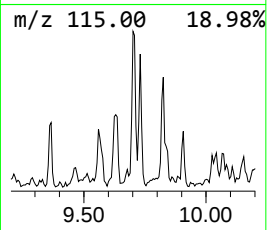
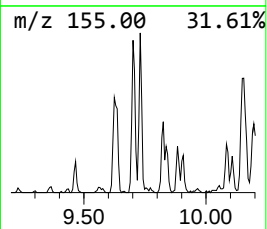
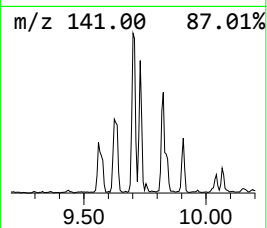
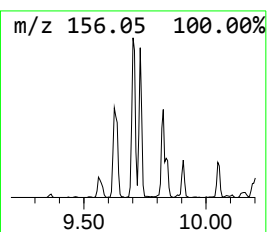
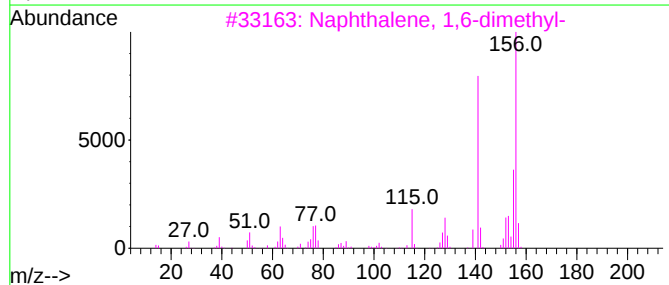
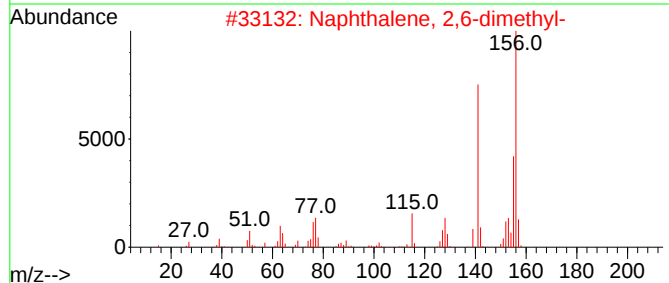
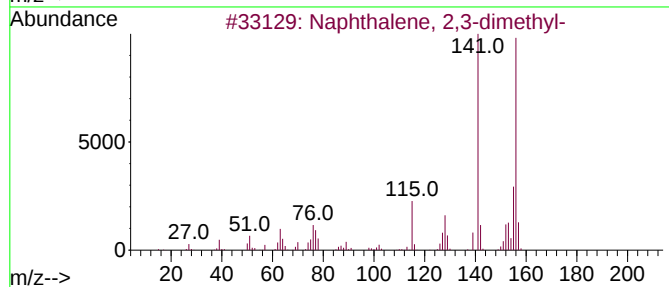
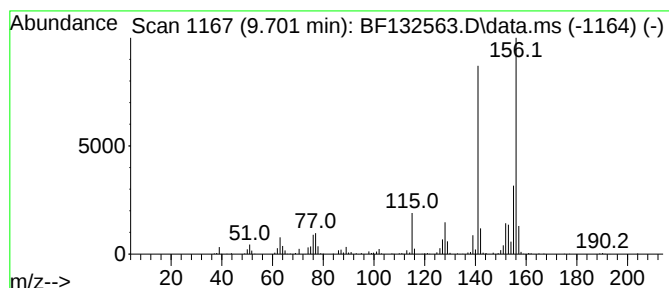
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.701	5.80 ng	347255	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

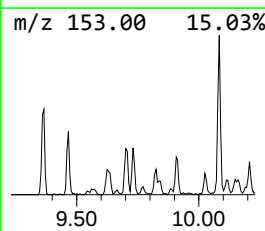
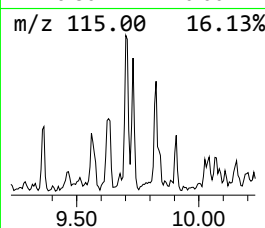
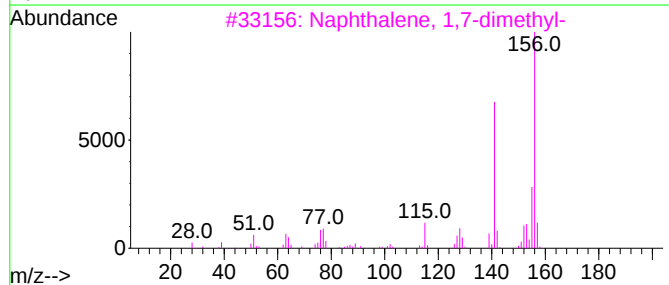
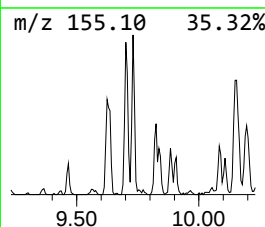
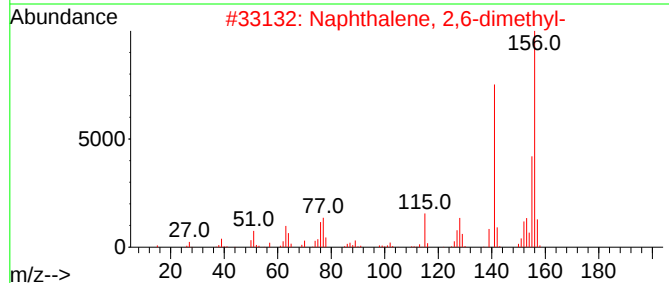
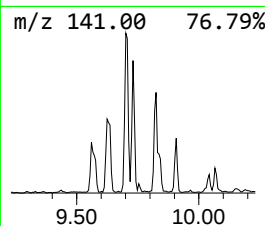
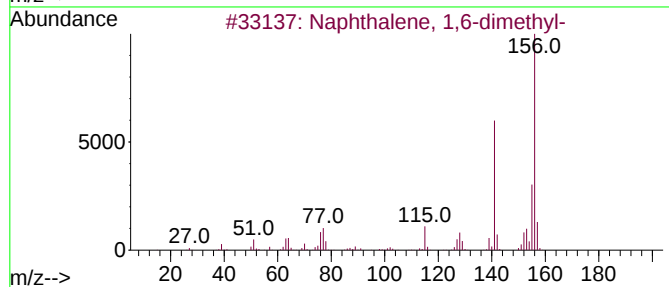
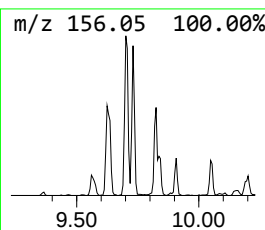
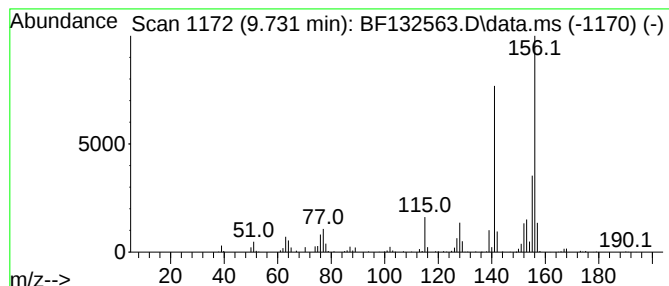
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	4.00 ng	239623	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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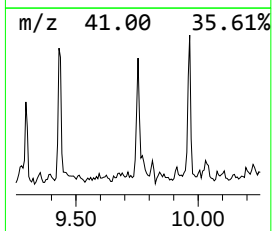
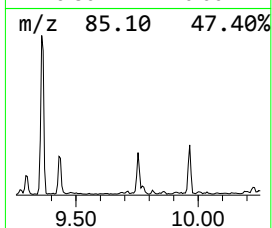
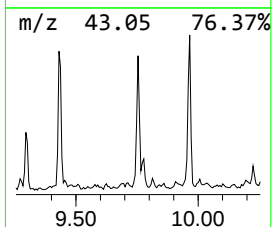
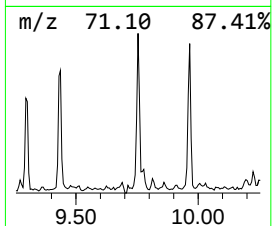
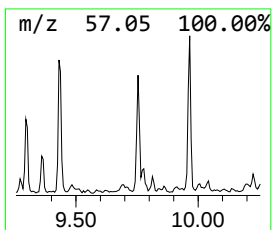
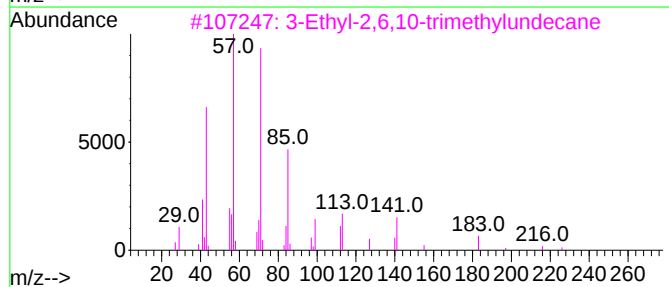
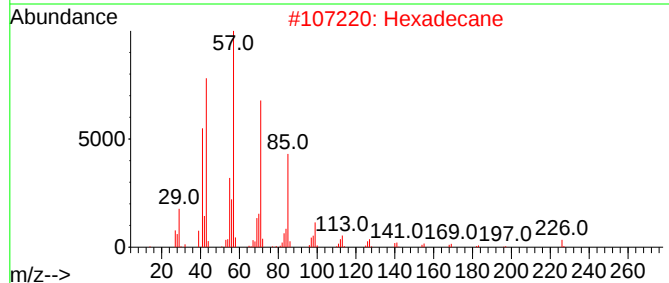
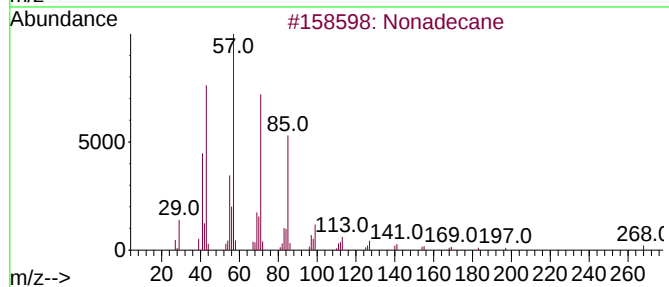
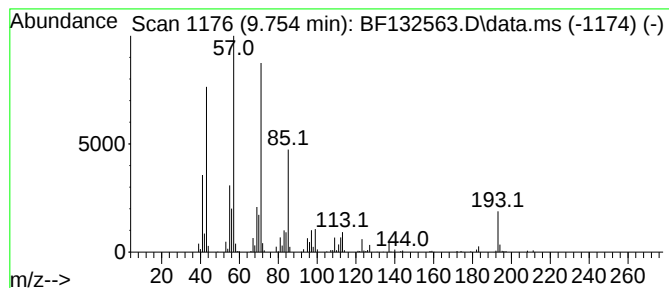
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.754	3.86 ng	230872	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
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Instrument :
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ClientSampleId :
B-19-SB01

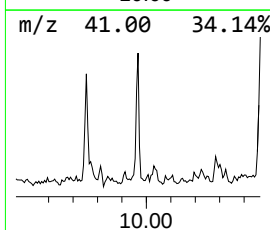
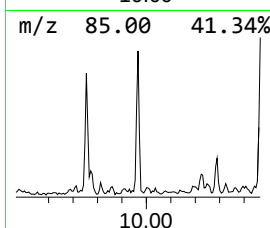
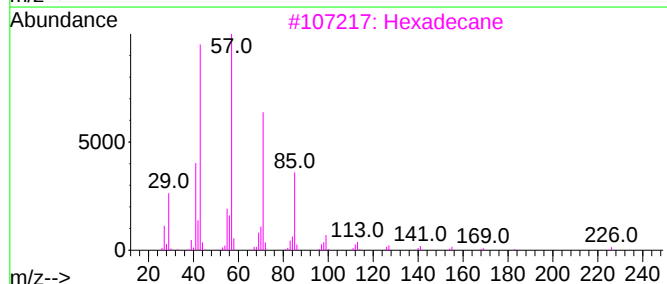
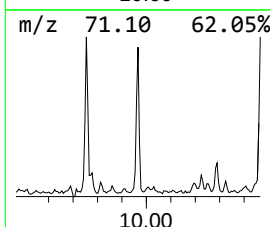
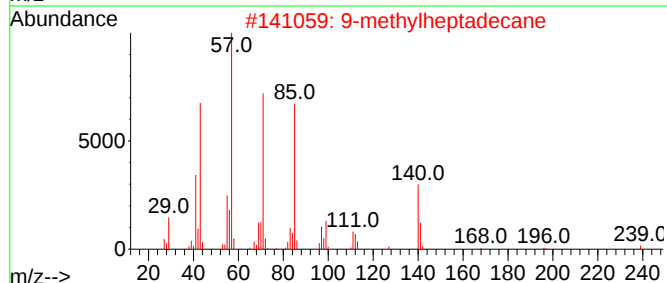
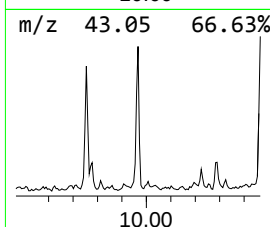
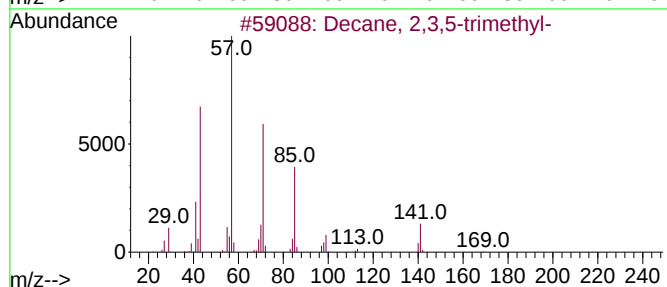
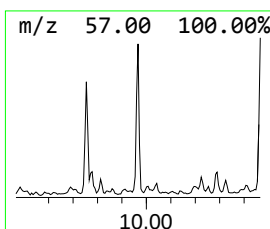
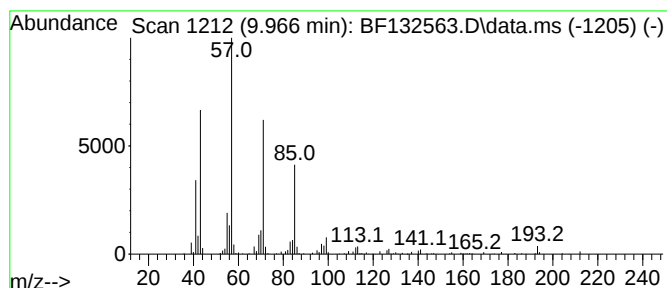
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.966	3.79 ng	227112	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2			9-methylheptadecane	254	C18H38	026741-18-4	78
3			Hexadecane	226	C16H34	000544-76-3	78
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

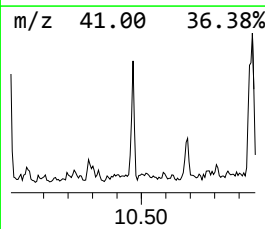
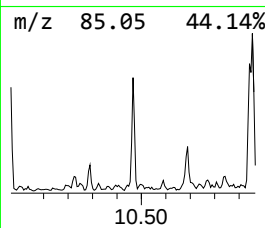
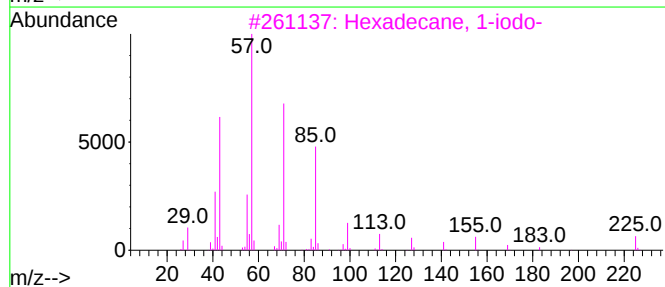
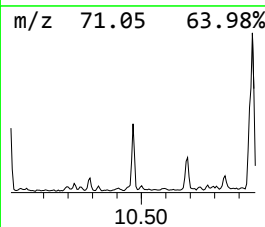
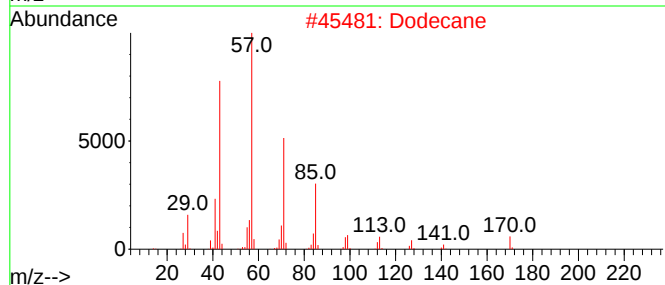
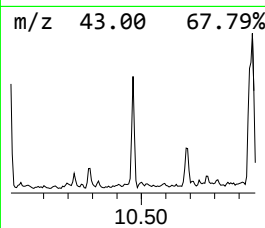
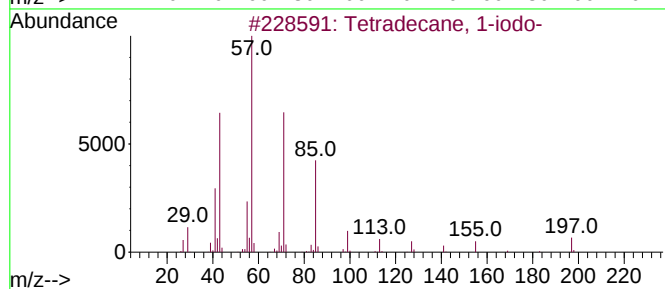
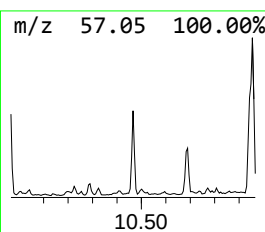
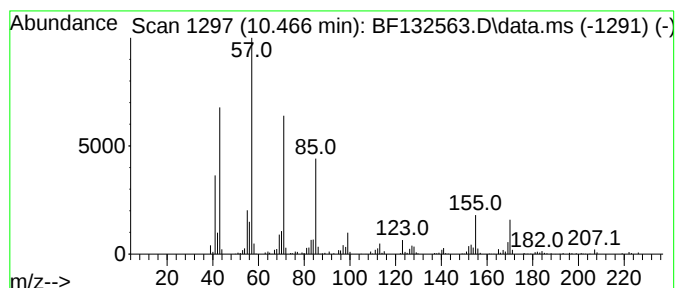
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.466	7.20 ng	430747	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
2			Dodecane	170	C12H26	000112-40-3	72
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
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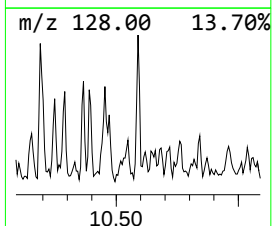
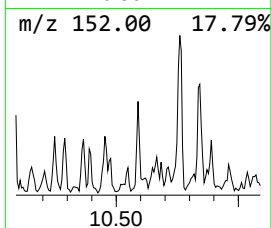
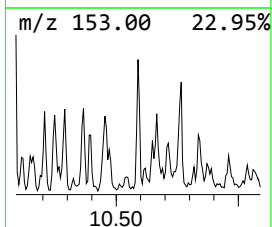
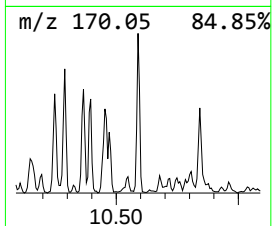
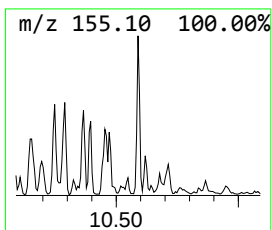
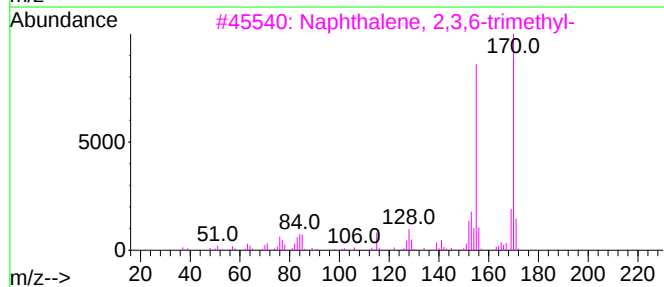
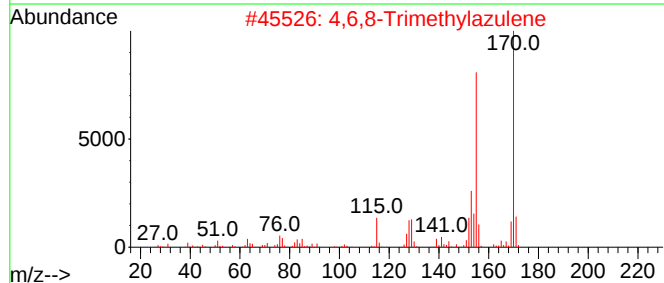
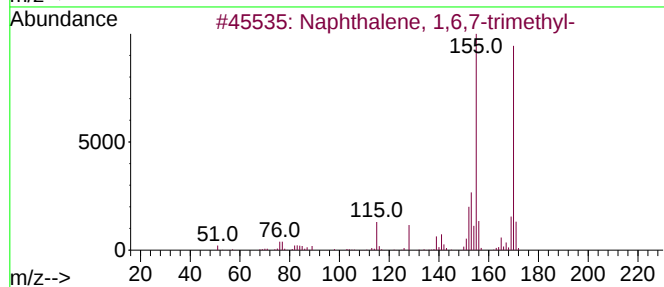
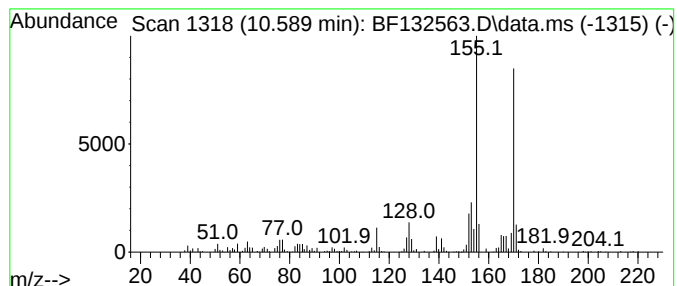
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.589	5.00 ng	299544	Acenaphthene-d10	10.048	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-19-SB01

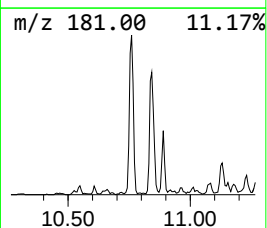
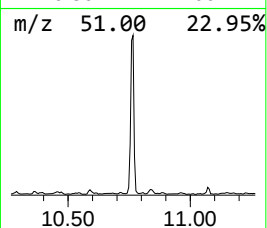
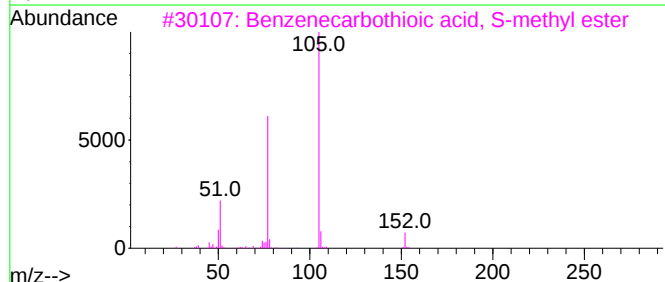
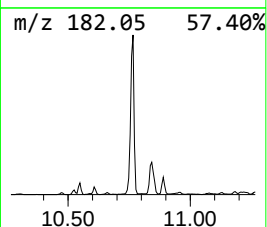
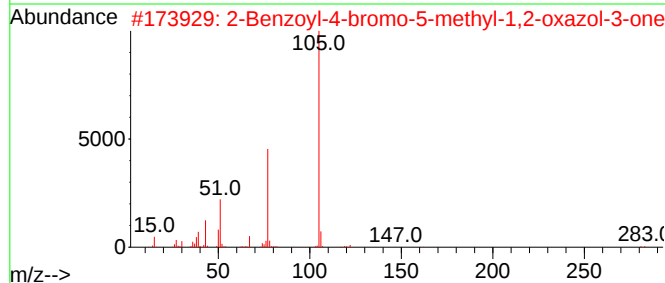
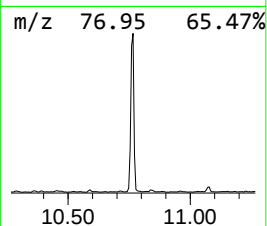
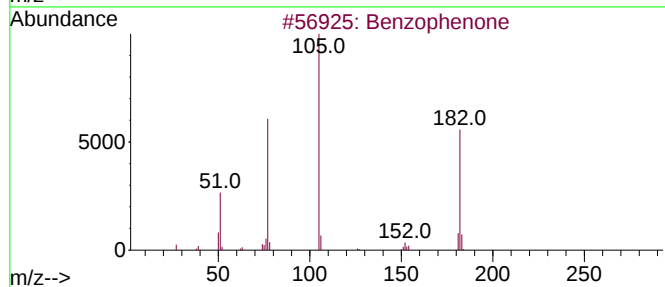
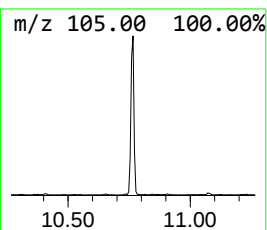
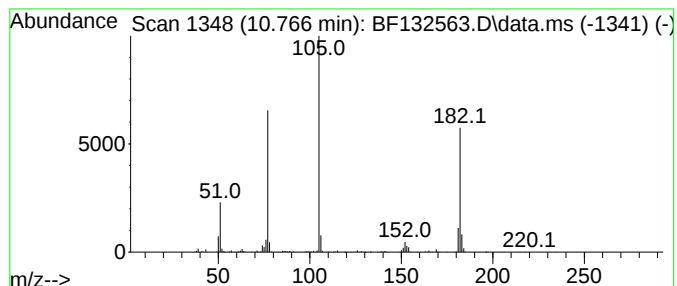
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.766	16.14 ng	965906	Acenaphthene-d10	10.048

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
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Operator : CG\JU
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ClientSampleId :
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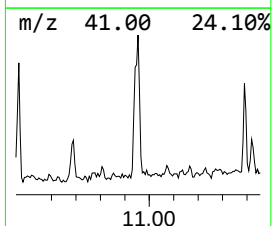
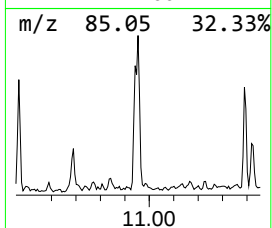
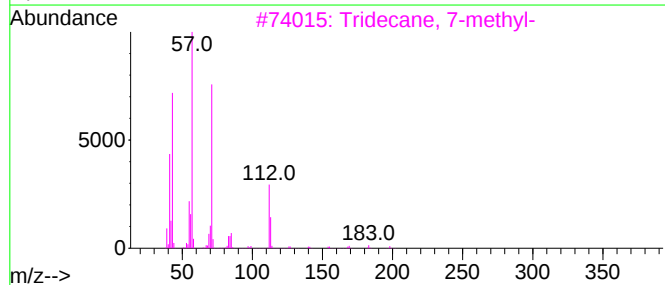
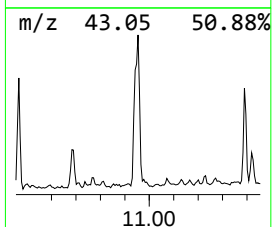
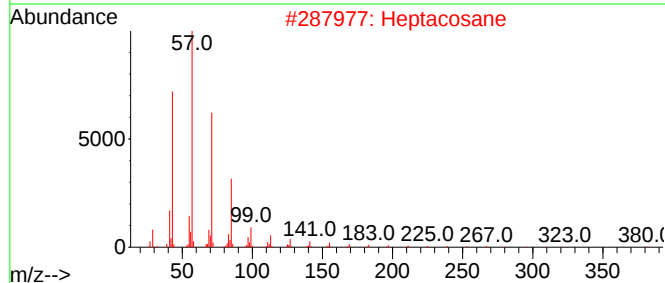
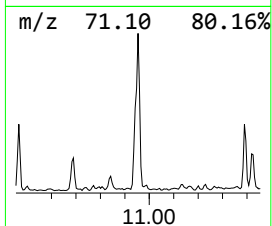
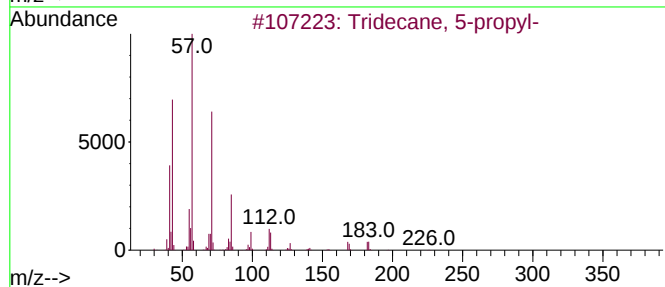
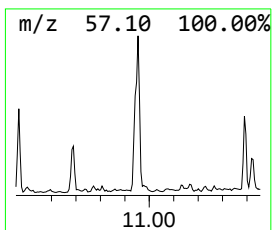
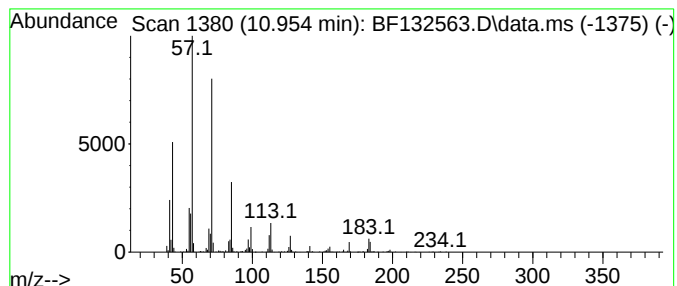
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.954	13.29 ng	705627	Phenanthrene-d10	11.548

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Eicosane	282	C20H42	000112-95-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
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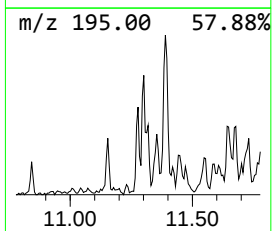
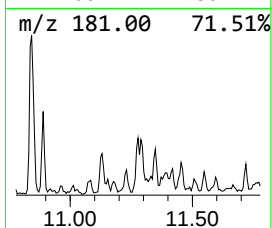
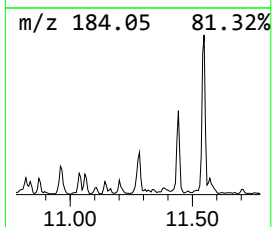
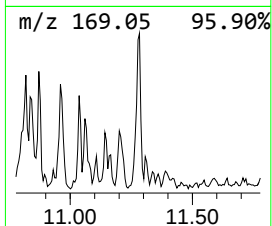
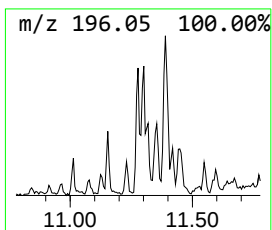
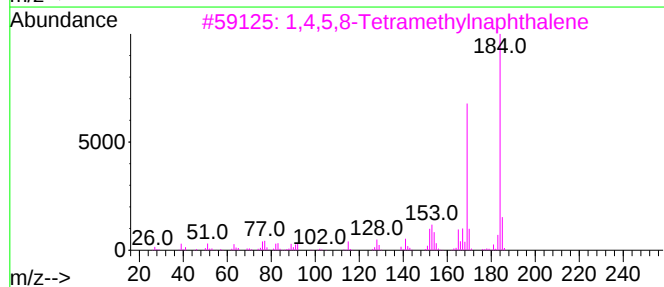
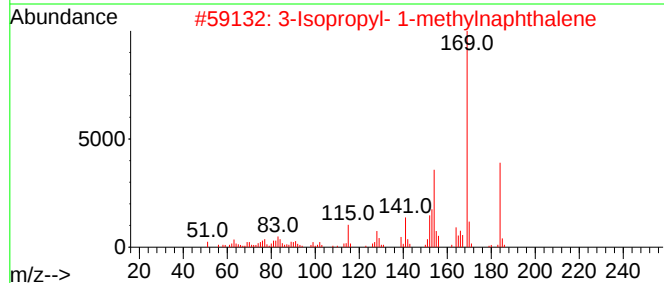
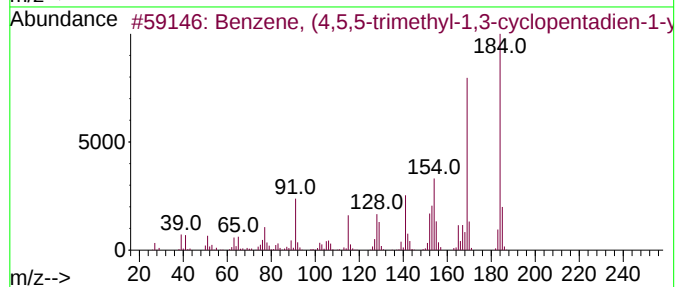
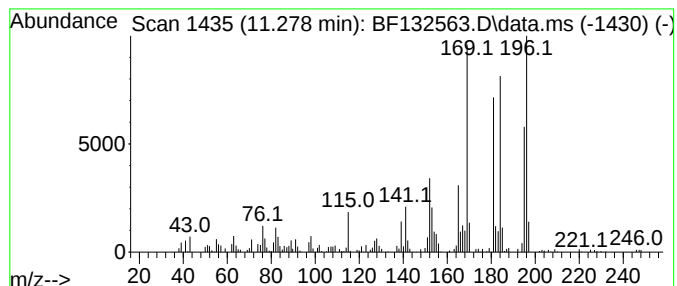
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, (4,5,5-trimethyl-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.278	4.39 ng	233369	Phenanthrene-d10			11.548
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (4,5,5-trimethyl-1,3-cy...		184	C14H16	033930-85-7	70
2	3-Isopropyl- 1-methylnaphthalene		184	C14H16	1000383-71-4	70
3	1,4,5,8-Tetramethylnaphthalene		184	C14H16	002717-39-7	55
4	Naphthalene, 1,2,3,4-tetramethyl-		184	C14H16	003031-15-0	49
5	1,6-Dimethyl- 3-ethylnaphthalene		184	C14H16	1000383-71-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-19-SB01

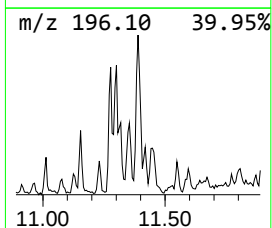
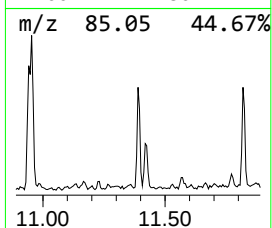
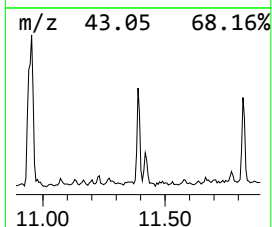
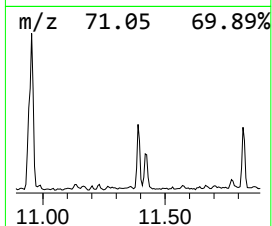
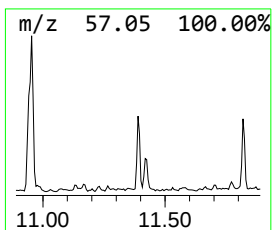
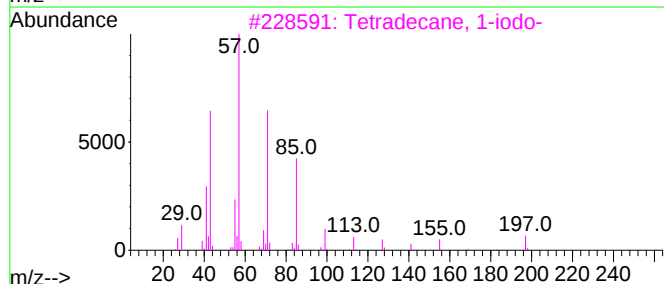
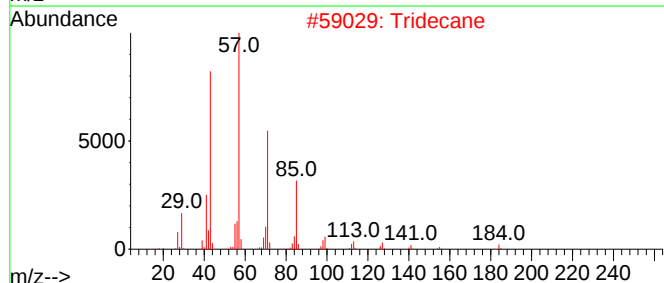
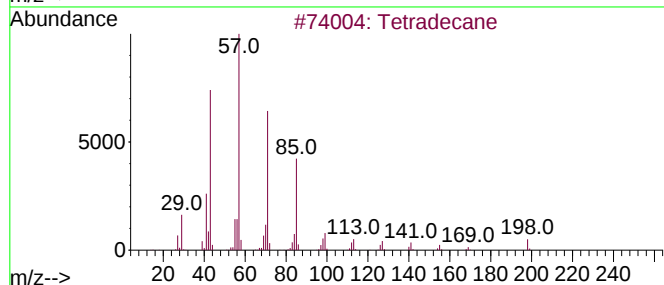
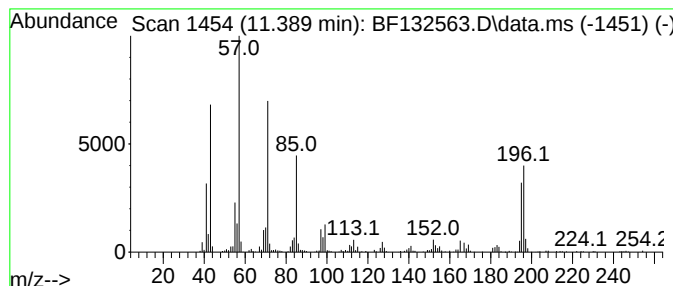
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.389	5.81 ng	308333	Phenanthrene-d10	11.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tridecane	184	C13H28	000629-50-5	70
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
4			Tetracosane	338	C24H50	000646-31-1	49
5			Pentadecane	212	C15H32	000629-62-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
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Sample : 01701-01
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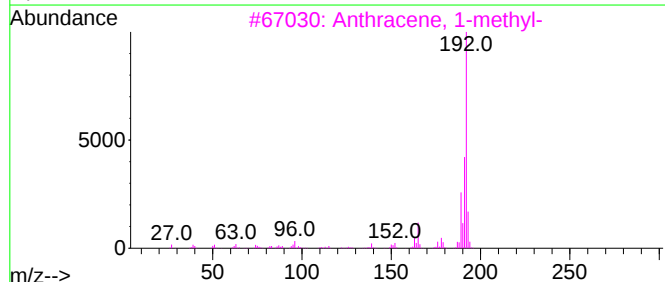
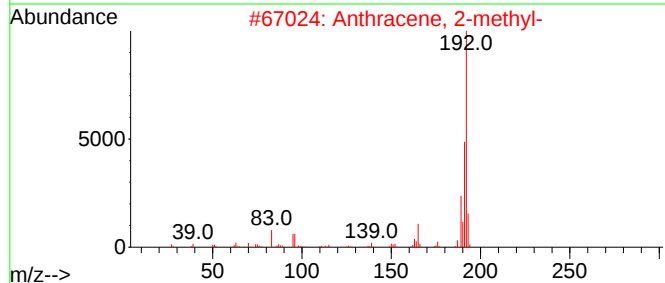
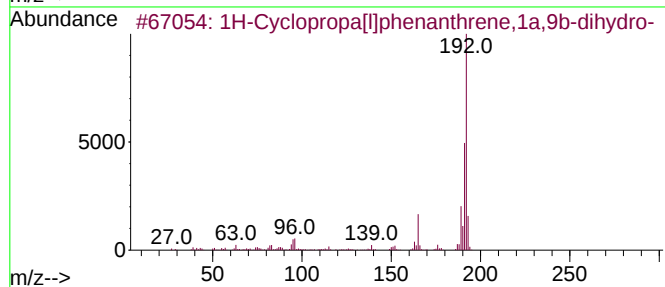
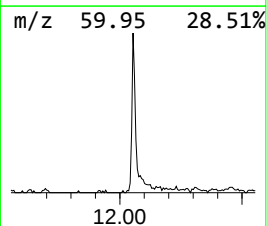
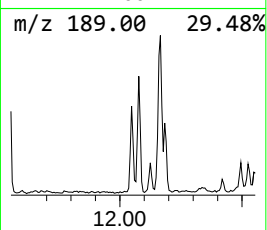
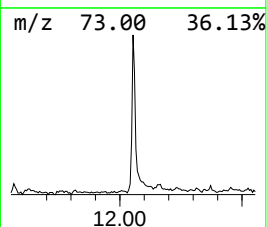
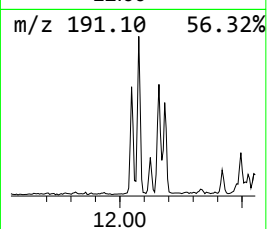
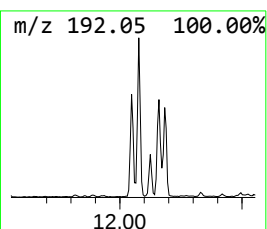
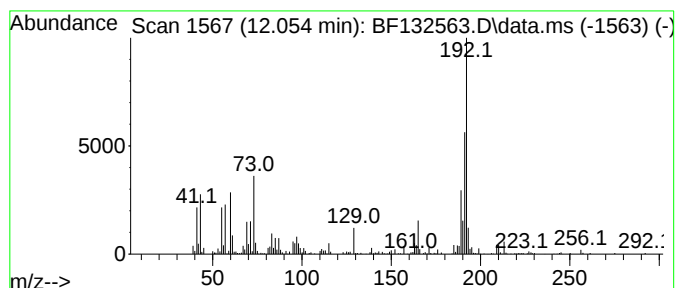
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.054	6.88 ng	365145	Phenanthrene-d10		11.548	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	92
3	Anthracene, 1-methyl-		192	C15H12	000610-48-0	90
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	83
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
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ALS Vial : 20 Sample Multiplier: 1

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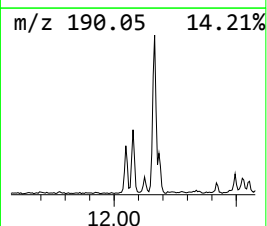
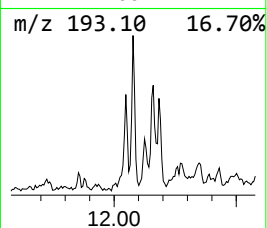
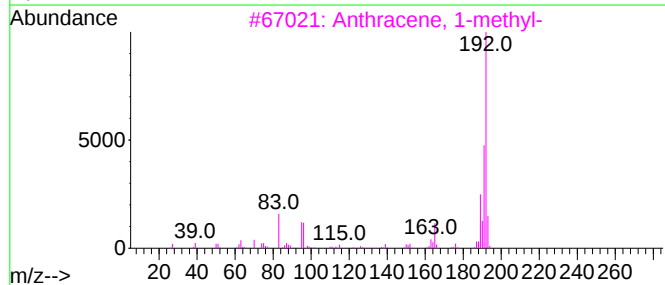
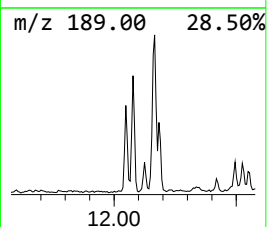
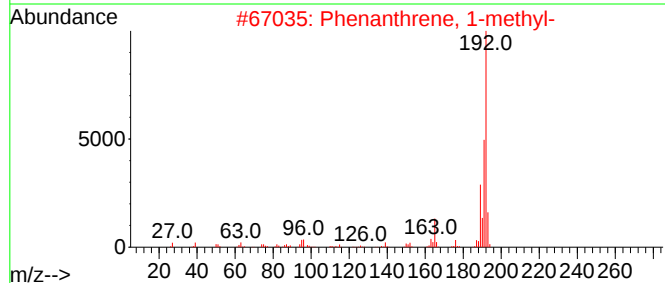
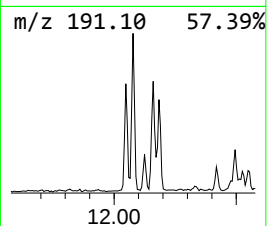
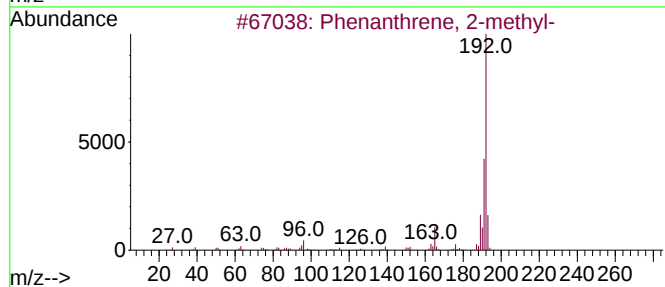
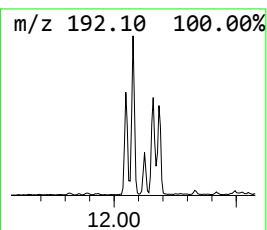
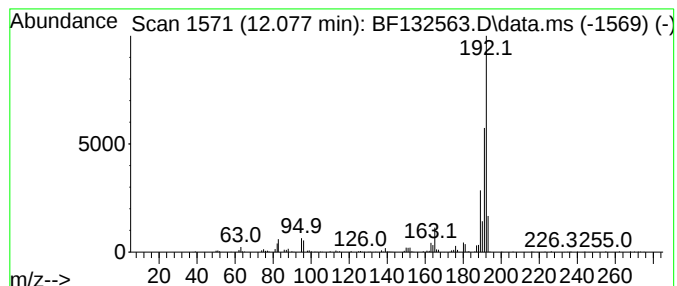
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.078	6.19 ng	328530	Phenanthrene-d10	11.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

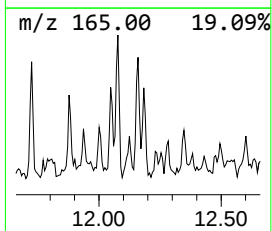
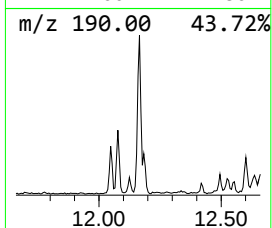
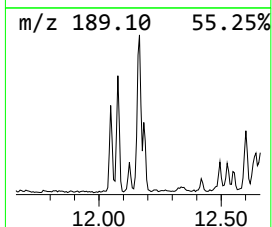
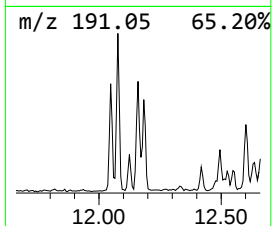
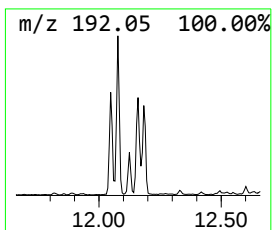
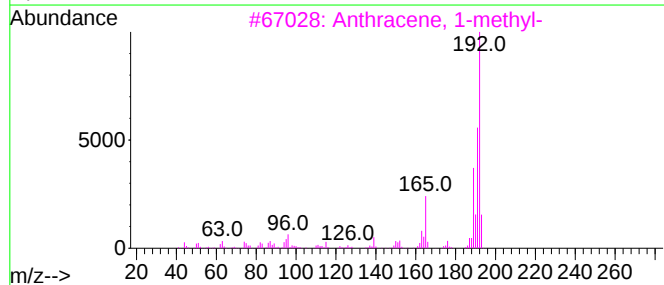
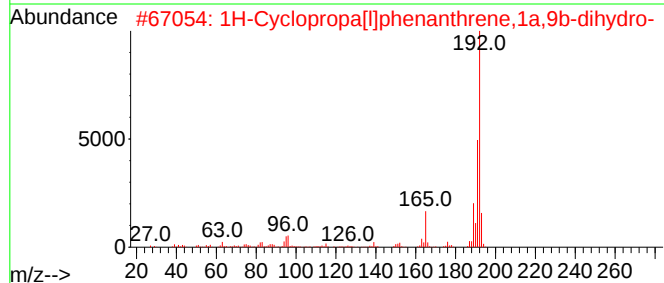
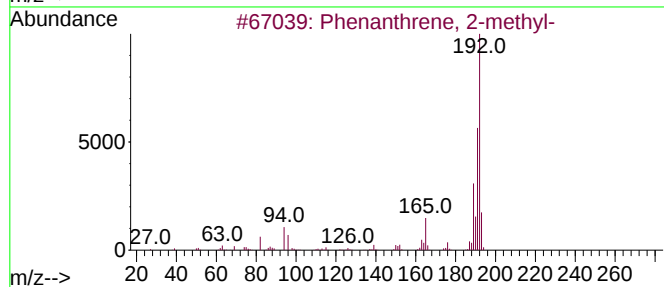
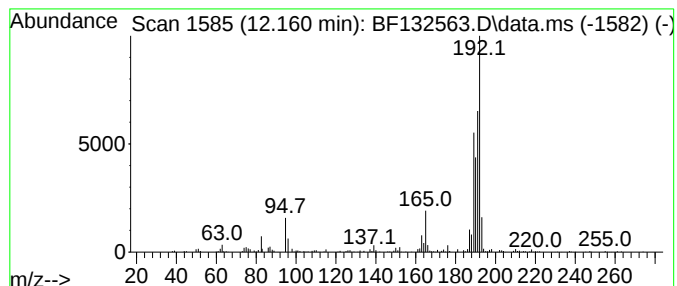
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.160	6.42 ng	341031	Phenanthrene-d10	11.548

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

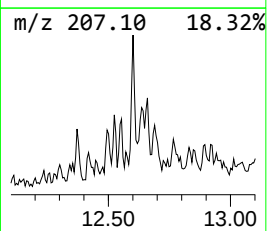
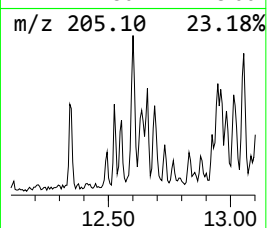
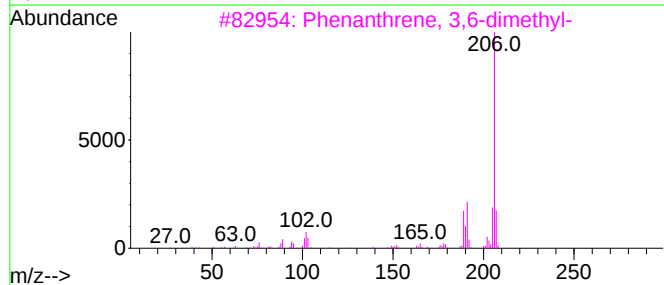
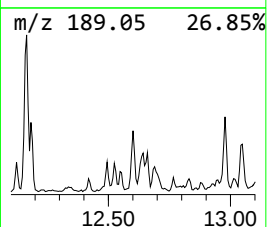
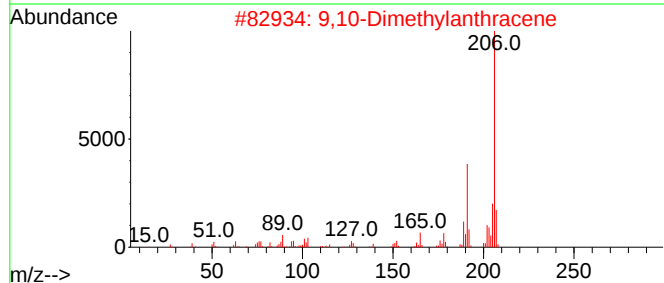
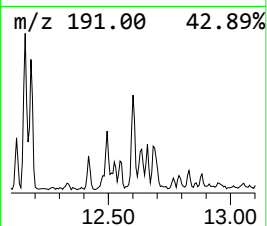
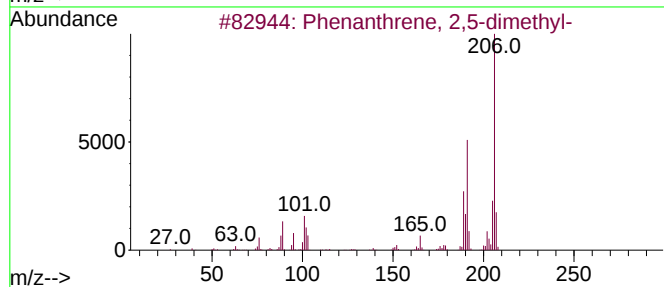
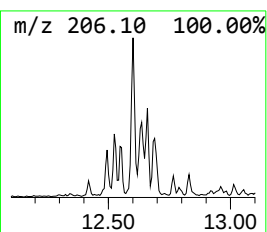
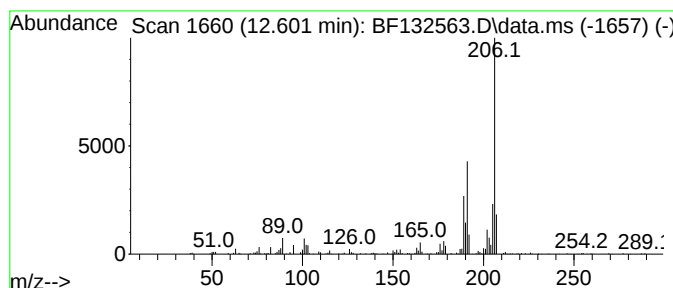
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.601	4.29 ng	227764	Phenanthrene-d10	11.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

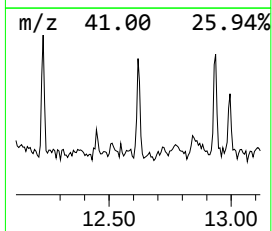
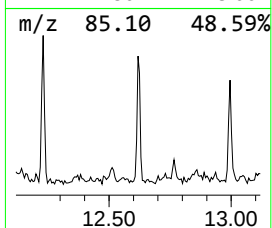
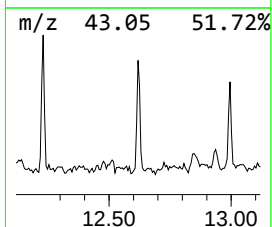
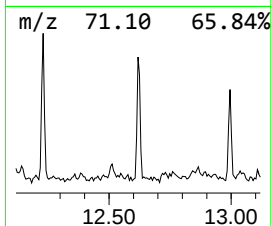
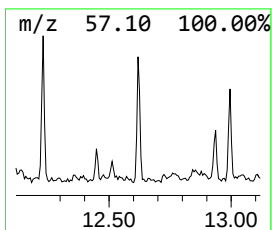
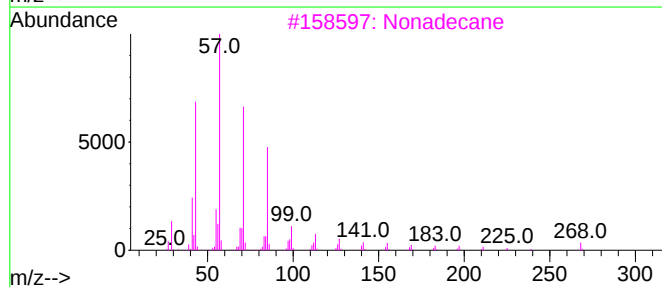
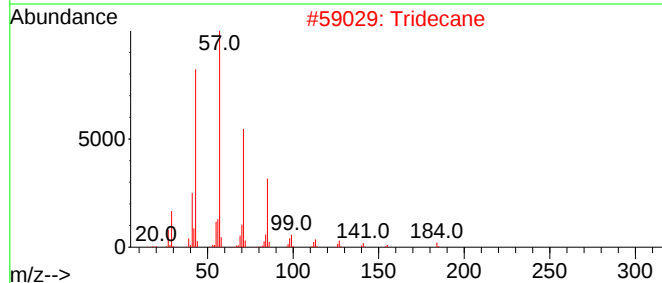
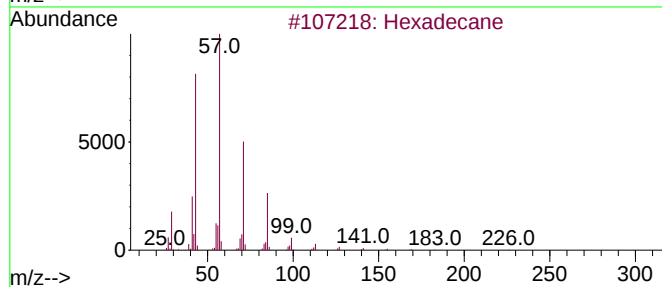
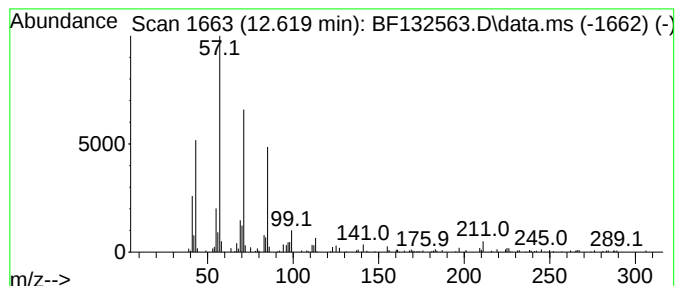
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.619	4.30 ng	228225	Phenanthrene-d10	11.548

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132563.D
Acq On : 27 Feb 2023 20:53
Operator : CG\JU
Sample : 01701-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19-SB01

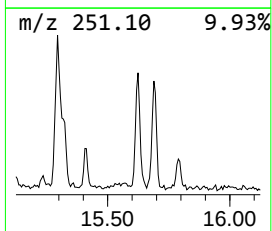
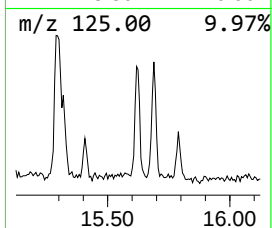
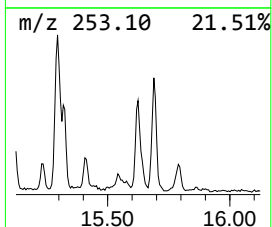
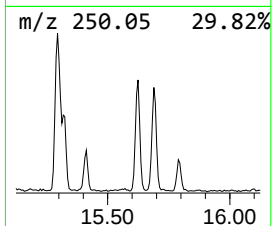
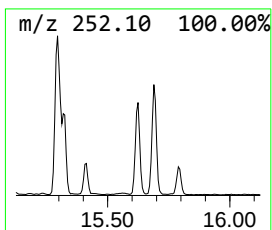
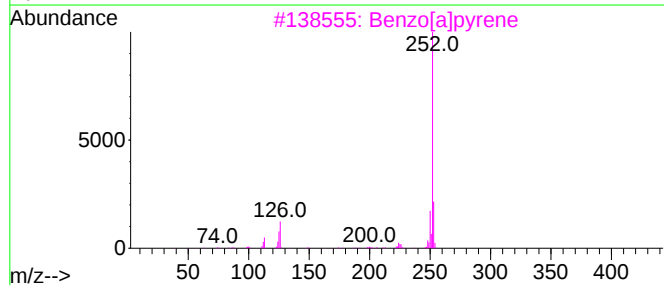
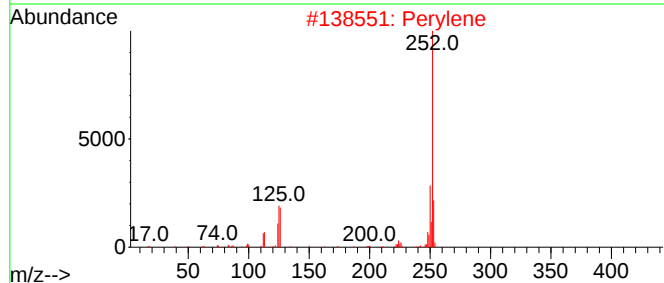
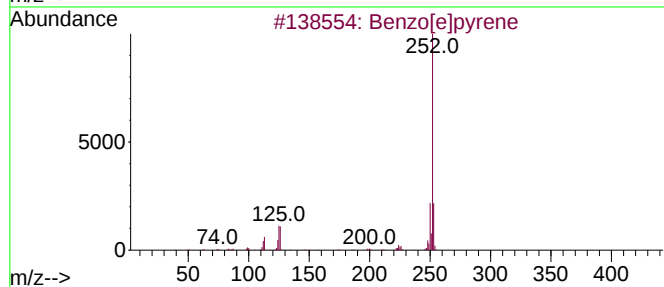
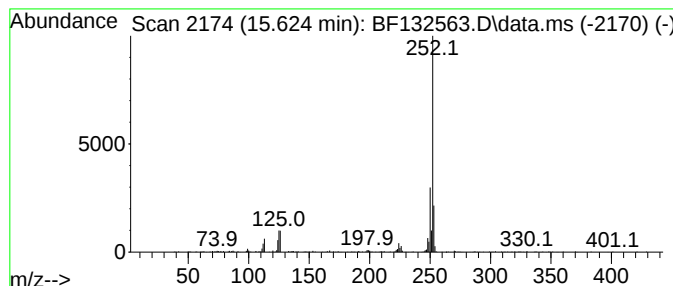
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.624	11.77 ng	386222	Perylene-d12	15.760

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	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132563.D
 Acq On : 27 Feb 2023 20:53
 Operator : CG\JU
 Sample : 01701-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
Cyclohexane, me...	3.284	4.1	ng	187480	1	7.001	922522	20.0
2-Pentanone, 4-...	5.237	34.9	ng	1607860	1	7.001	922522	20.0
Mesitylene	6.825	4.7	ng	216106	1	7.001	922522	20.0
Naphthalene, 1,...	9.625	3.9	ng	230306	3	10.048	1197050	20.0
Naphthalene, 2,...	9.701	5.8	ng	347255	3	10.048	1197050	20.0
Naphthalene, 1,...	9.731	4.0	ng	239623	3	10.048	1197050	20.0
Nonadecane	9.754	3.9	ng	230872	3	10.048	1197050	20.0
Decane, 2,3,5-t...	9.966	3.8	ng	227112	3	10.048	1197050	20.0
Tetradecane, 1-...	10.466	7.2	ng	430747	3	10.048	1197050	20.0
Naphthalene, 1,...	10.589	5.0	ng	299544	3	10.048	1197050	20.0
Benzophenone	10.766	16.1	ng	965906	3	10.048	1197050	20.0
Tridecane, 5-pr...	10.954	13.3	ng	705627	4	11.548	1062210	20.0
Benzene, (4,5,5...	11.278	4.4	ng	233369	4	11.548	1062210	20.0
Tetradecane	11.389	5.8	ng	308333	4	11.548	1062210	20.0
1H-Cyclopropa[1...	12.054	6.9	ng	365145	4	11.548	1062210	20.0
Phenanthrene, 2...	12.078	6.2	ng	328530	4	11.548	1062210	20.0
1H-Cyclopropa[1...	12.160	6.4	ng	341031	4	11.548	1062210	20.0
Phenanthrene, 2...	12.601	4.3	ng	227764	4	11.548	1062210	20.0
Hexadecane	12.619	4.3	ng	228225	4	11.548	1062210	20.0
Benzo[e]pyrene	15.624	11.8	ng	386222	6	15.760	656403	20.0