

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126230.D
 Acq On : 17 Dec 2021 12:23
 Operator : JU/CG
 Sample : M5083-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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-BF121521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126230.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.393	387	392	397	rBV	355224	381601	8.47%	0.428%
2	5.028	493	500	503	rBV	2324085	2870075	63.71%	3.217%
3	5.422	562	567	570	rBV	1741686	1622656	36.02%	1.819%
4	6.098	679	682	686	rVB	1322311	1163387	25.83%	1.304%
5	6.439	734	740	744	rBV	3957873	4504636	100.00%	5.050%
6	6.522	751	754	758	rVB	358701	295638	6.56%	0.331%
7	6.816	800	804	807	rVV	1692635	1391205	30.88%	1.560%
8	6.881	811	815	821	rBV2	242481	270913	6.01%	0.304%
9	6.934	821	824	826	rVV	363861	328974	7.30%	0.369%
10	6.957	826	828	838	rVB	251300	248467	5.52%	0.279%
11	7.375	890	899	902	rBV	3199336	3361026	74.61%	3.768%
12	7.422	902	907	910	rVB2	231767	214642	4.76%	0.241%
13	7.628	937	942	953	rVB4	336276	521284	11.57%	0.584%
14	8.004	1002	1006	1011	rBV	766888	795154	17.65%	0.891%
15	8.045	1011	1013	1017	rVV5	172495	250584	5.56%	0.281%
16	8.098	1017	1022	1024	rVV2	2592034	2704755	60.04%	3.032%
17	8.128	1024	1027	1029	rVV	2816032	2378745	52.81%	2.667%
18	8.145	1029	1030	1032	rVV	422011	334384	7.42%	0.375%
19	8.310	1054	1058	1060	rBV2	351251	294934	6.55%	0.331%
20	8.398	1067	1073	1076	rBV5	231593	383821	8.52%	0.430%
21	8.486	1085	1088	1090	rBV2	323070	321187	7.13%	0.360%
22	8.528	1090	1095	1097	rBV	910117	724455	16.08%	0.812%
23	8.604	1104	1108	1111	rBV2	300320	305920	6.79%	0.343%
24	8.698	1120	1124	1129	rBV	1710769	1613830	35.83%	1.809%
25	8.804	1136	1142	1146	rVB2	561161	714067	15.85%	0.800%
26	8.922	1156	1162	1164	rBV3	304020	336731	7.48%	0.377%
27	8.980	1170	1172	1174	rVV	290141	233878	5.19%	0.262%
28	9.063	1183	1186	1190	rVB2	512408	461926	10.25%	0.518%
29	9.104	1190	1193	1195	rBV	402540	335794	7.45%	0.376%
30	9.127	1195	1197	1201	rVB2	564210	533876	11.85%	0.598%
31	9.175	1201	1205	1209	rVB	4214934	4178625	92.76%	4.684%
32	9.263	1216	1220	1224	rBV	2569069	2354796	52.27%	2.640%
33	9.310	1224	1228	1229	rBV3	236323	263444	5.85%	0.295%
34	9.433	1244	1249	1250	rBV4	220174	320673	7.12%	0.359%
35	9.492	1256	1259	1261	rBV2	260108	302398	6.71%	0.339%
36	9.516	1261	1263	1265	rVV2	478454	500077	11.10%	0.561%

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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

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37	9.539	1265	1267	1269	rVV2	459973	363955	8.08%	0.408%
38	9.586	1269	1275	1277	rVV2	926642	1282029	28.46%	1.437%
39	9.604	1277	1278	1281	rVV2	764464	534316	11.86%	0.599%
40	9.639	1282	1284	1287	rVB2	456341	405588	9.00%	0.455%
41	9.675	1287	1290	1295	rVB6	210528	335978	7.46%	0.377%
42	9.727	1295	1299	1302	rBV3	222584	309908	6.88%	0.347%
43	9.769	1302	1306	1308	rBV4	204301	295564	6.56%	0.331%
44	9.792	1308	1310	1314	rVV	2965054	2527986	56.12%	2.834%
45	9.851	1314	1320	1323	rVB	2080411	2183597	48.47%	2.448%
46	9.963	1336	1339	1342	rVB	1017315	838696	18.62%	0.940%
47	10.027	1346	1350	1352	rBV2	500634	705294	15.66%	0.791%
48	10.051	1352	1354	1357	rVV	444280	426741	9.47%	0.478%
49	10.116	1361	1365	1369	rVV3	800814	801986	17.80%	0.899%
50	10.151	1369	1371	1373	rVB	382243	249321	5.53%	0.279%
51	10.233	1382	1385	1389	rVB3	170321	235124	5.22%	0.264%
52	10.292	1392	1395	1398	rVB	3231432	2829995	62.82%	3.172%
53	10.327	1398	1401	1403	rBV2	353046	365768	8.12%	0.410%
54	10.516	1426	1433	1435	rBV	1317305	1772413	39.35%	1.987%
55	10.563	1439	1441	1444	rVB	447007	426409	9.47%	0.478%
56	10.598	1444	1447	1450	rBV2	542076	529379	11.75%	0.593%
57	10.633	1450	1453	1456	rVB	823051	675383	14.99%	0.757%
58	10.704	1463	1465	1467	rVB2	283692	225112	5.00%	0.252%
59	10.769	1473	1476	1484	rBV	3493308	3989352	88.56%	4.472%
60	10.916	1498	1501	1505	rVB3	253471	264440	5.87%	0.296%
61	10.963	1505	1509	1513	rVV2	594208	1012475	22.48%	1.135%
62	10.992	1513	1514	1517	rVB	485195	340797	7.57%	0.382%
63	11.027	1517	1520	1522	rBV	358643	330085	7.33%	0.370%
64	11.051	1522	1524	1527	rVV	423925	354321	7.87%	0.397%
65	11.086	1528	1530	1535	rVB2	393622	517509	11.49%	0.580%
66	11.216	1549	1552	1554	rBV	3309202	2717047	60.32%	3.046%
67	11.245	1554	1557	1563	rVB2	1223696	1423425	31.60%	1.596%
68	11.333	1569	1572	1575	rBV	1373991	1311294	29.11%	1.470%
69	11.392	1579	1582	1587	rVV2	331726	575414	12.77%	0.645%
70	11.486	1596	1598	1600	rVV	287899	225484	5.01%	0.253%
71	11.521	1602	1604	1608	rVB	321370	290605	6.45%	0.326%
72	11.592	1614	1616	1620	rVB2	255591	251424	5.58%	0.282%
73	11.639	1621	1624	1628	rVV	2302187	2008254	44.58%	2.251%
74	11.692	1630	1633	1637	rVB4	220009	265863	5.90%	0.298%
75	11.739	1639	1641	1646	rVB	258331	236799	5.26%	0.265%
76	11.804	1649	1652	1657	rBV	288634	413193	9.17%	0.463%

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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-BF121521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

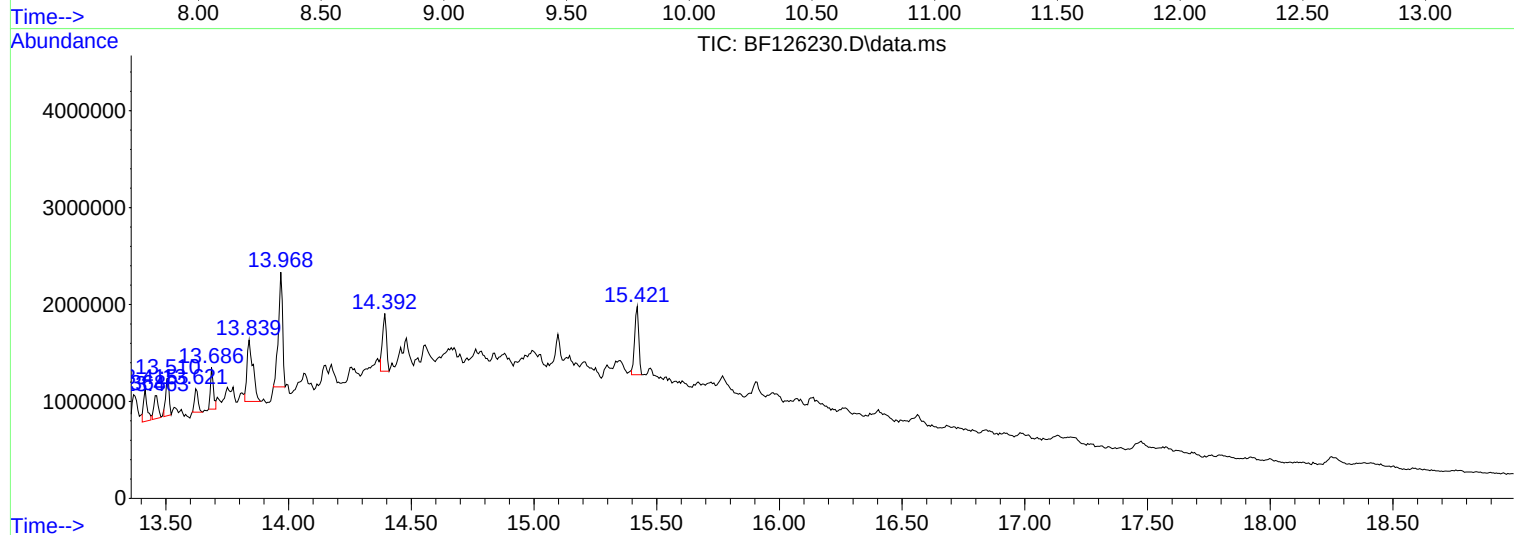
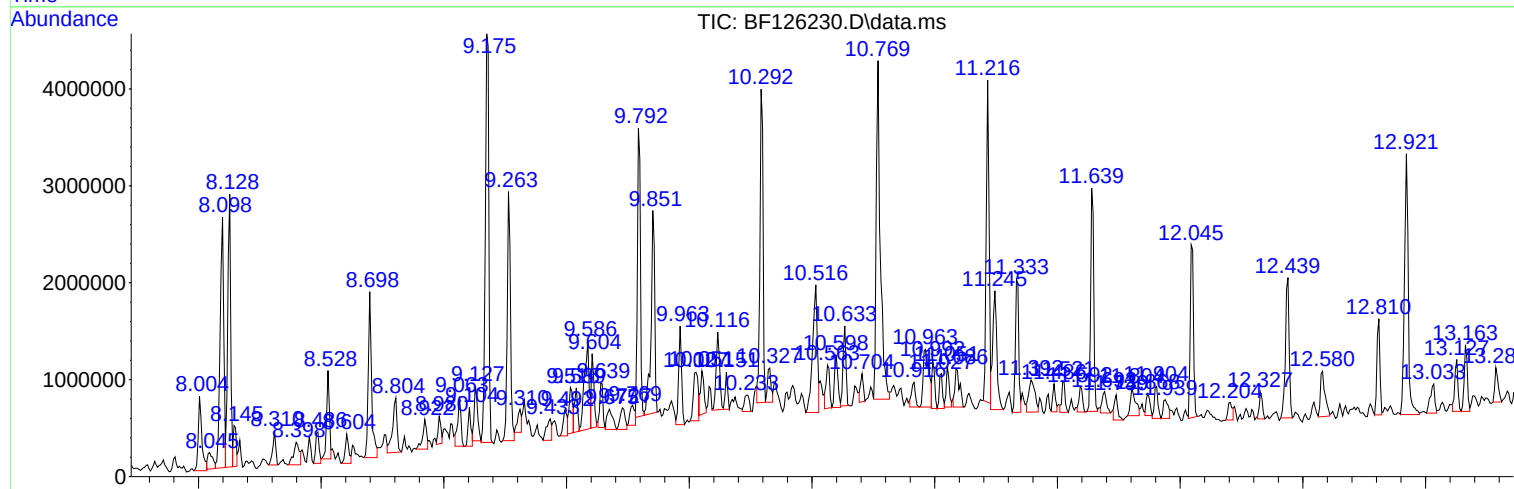
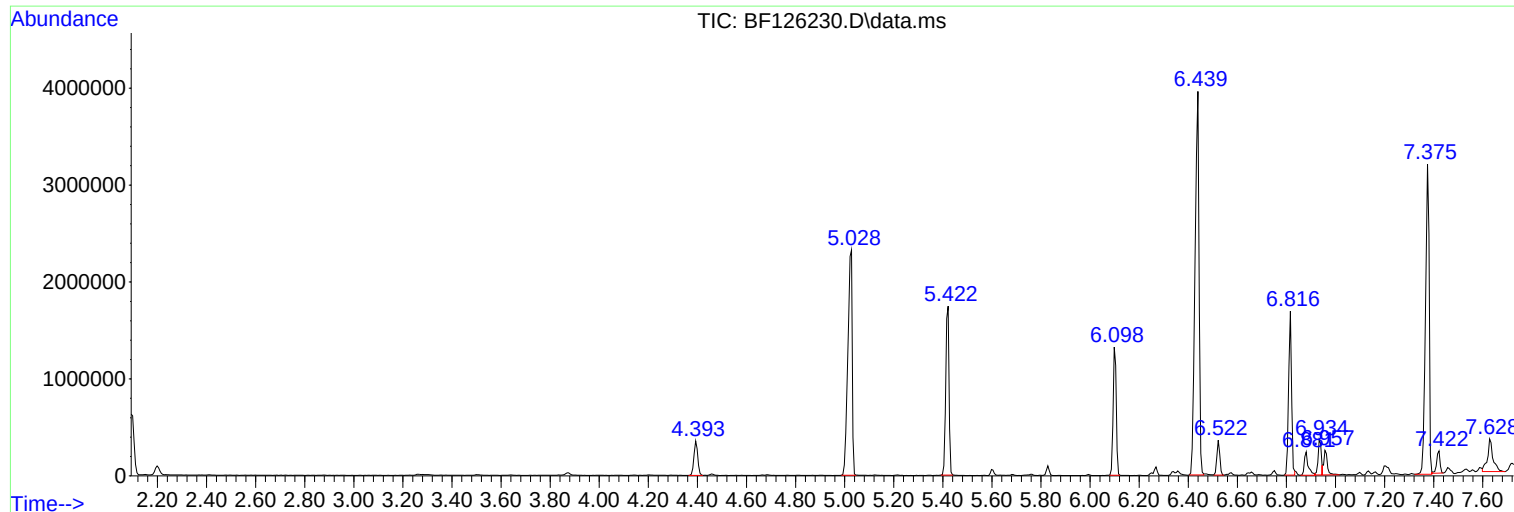
77	11.868	1661	1663	1666	rVB2	226296	231991	5.15%	0.260%
78	11.904	1666	1669	1672	rVB	330037	322799	7.17%	0.362%
79	11.939	1672	1675	1678	rBV3	193119	279258	6.20%	0.313%
80	12.045	1691	1693	1697	rVV	1780900	1637874	36.36%	1.836%
81	12.204	1717	1720	1722	rBV	180850	234701	5.21%	0.263%
82	12.327	1739	1741	1744	rVB	274277	234584	5.21%	0.263%
83	12.439	1755	1760	1763	rBV	1448294	1529065	33.94%	1.714%
84	12.580	1781	1784	1789	rVV2	464836	609421	13.53%	0.683%
85	12.810	1820	1823	1825	rBV	992523	839920	18.65%	0.942%
86	12.921	1838	1842	1851	rBV	2690275	2808966	62.36%	3.149%
87	13.033	1856	1861	1863	rBV3	301719	389397	8.64%	0.437%
88	13.127	1874	1877	1880	rVB2	535104	468132	10.39%	0.525%
89	13.163	1880	1883	1886	rBV	686903	614638	13.64%	0.689%
90	13.286	1902	1904	1908	rBV2	355060	332891	7.39%	0.373%
91	13.368	1915	1918	1922	rBV4	317560	499851	11.10%	0.560%
92	13.415	1924	1926	1930	rVV2	331714	330931	7.35%	0.371%
93	13.463	1931	1934	1937	rVV4	230986	283976	6.30%	0.318%
94	13.510	1939	1942	1944	rVB	376280	377157	8.37%	0.423%
95	13.621	1959	1961	1966	rVB3	241323	243556	5.41%	0.273%
96	13.686	1970	1972	1975	rBV2	429247	368107	8.17%	0.413%
97	13.839	1995	1998	2006	rVB2	633456	1049458	23.30%	1.176%
98	13.968	2015	2020	2023	rVB2	1183410	1389790	30.85%	1.558%
99	14.392	2089	2092	2095	rVB2	595110	652310	14.48%	0.731%
100	15.421	2263	2267	2270	rVB	704074	808672	17.95%	0.907%

Sum of corrected areas: 89204326

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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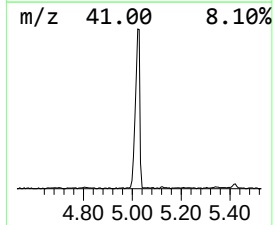
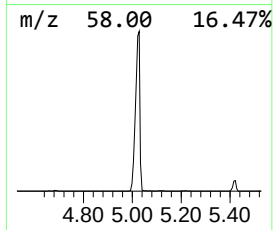
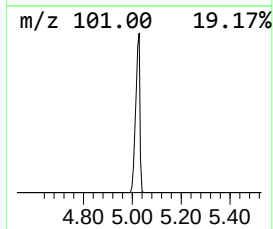
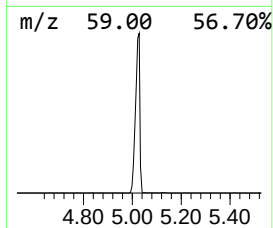
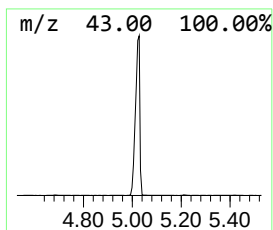
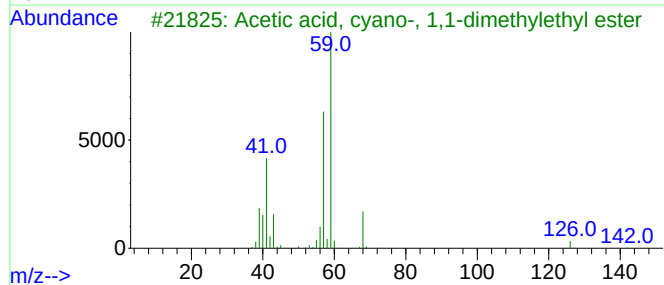
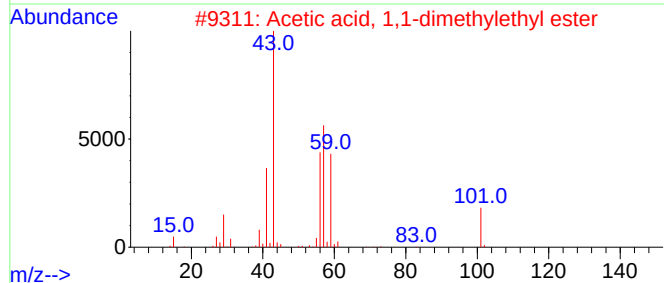
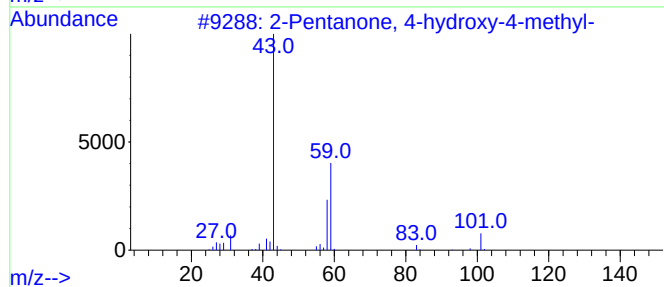
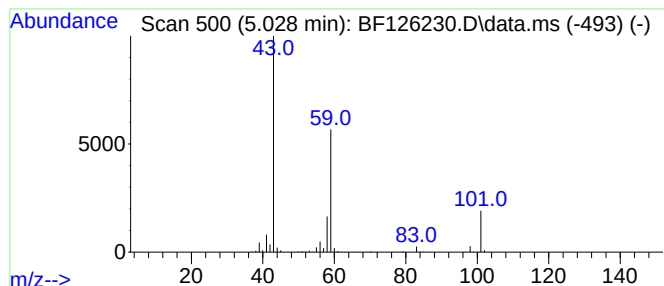
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	41.26 ng	2870080	1,4-Dichlorobenzene-d4	6.816

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	17	
4	Acetone	58	C3H6O	000067-64-1	9	
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9	



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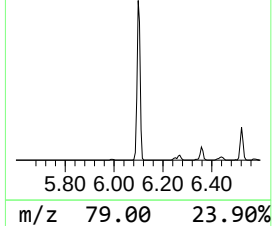
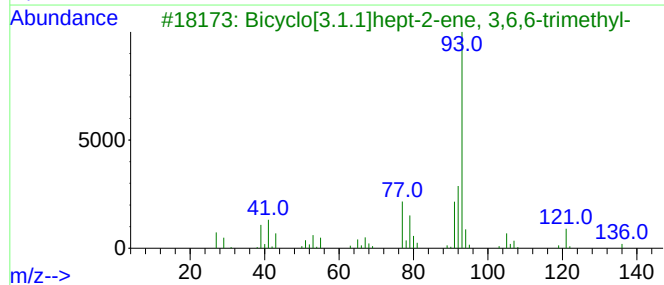
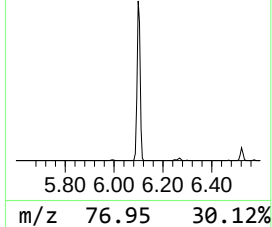
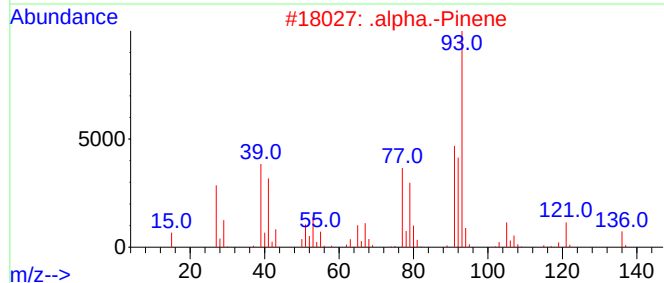
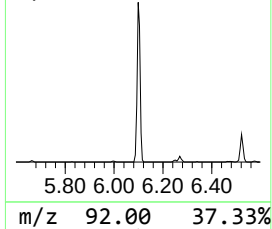
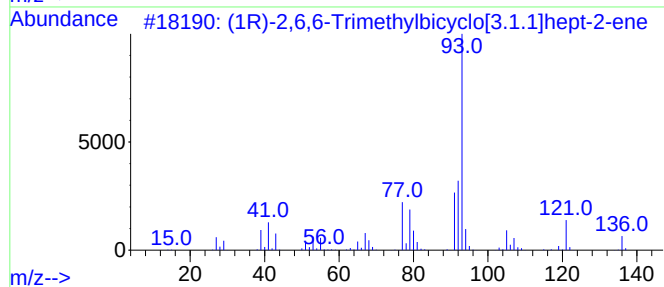
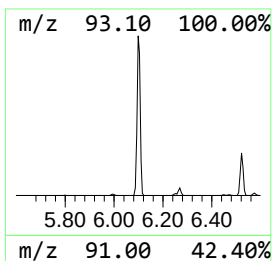
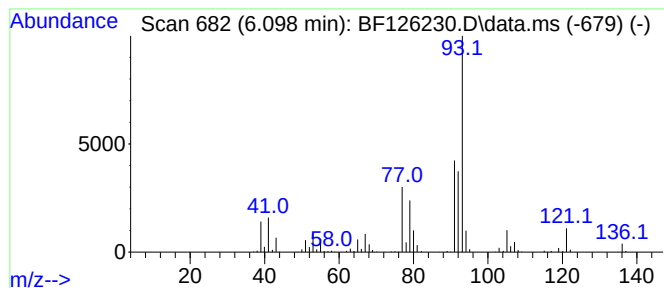
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.098	16.72 ng	1163390	1,4-Dichlorobenzene-d4	6.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	96		
2	.alpha.-Pinene	136	C10H16	000080-56-8	95		
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94		
4	(+)-3-Carene	136	C10H16	000498-15-7	91		
5	Tricyclo[2.2.1.0(2,6)]heptane, 1,1,2-trimethyl-	136	C10H16	000508-32-7	91		



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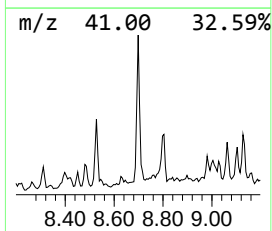
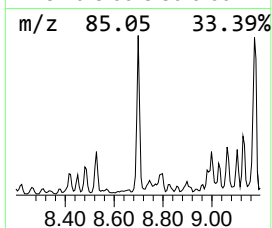
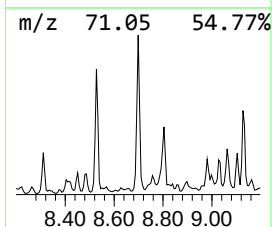
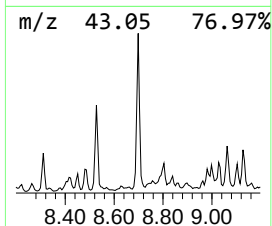
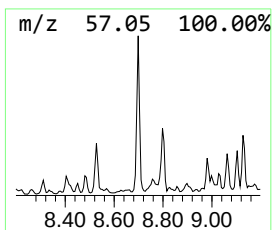
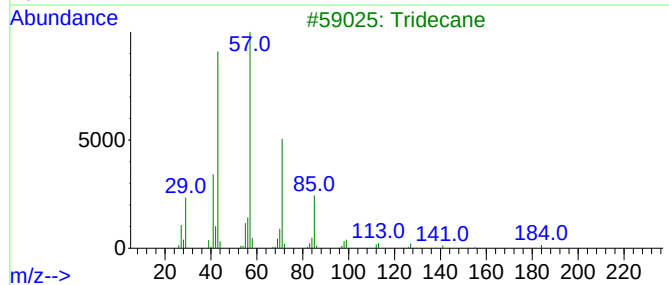
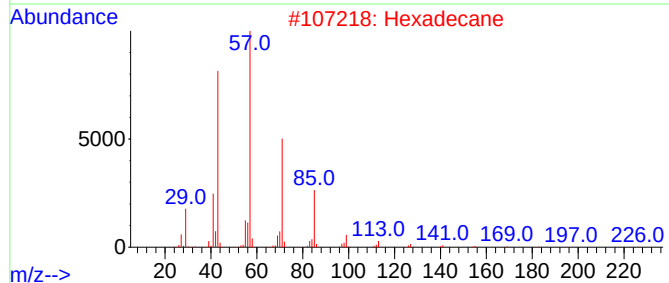
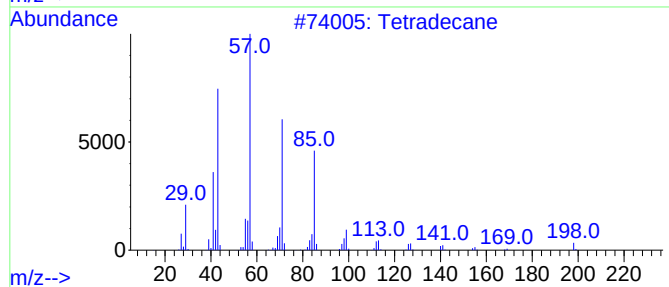
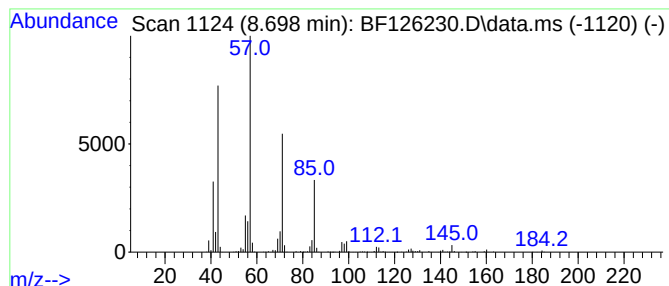
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	11.93 ng	1613830	Naphthalene-d8	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	87
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

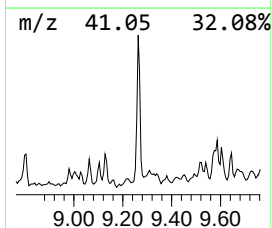
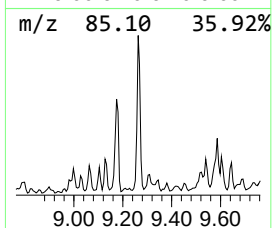
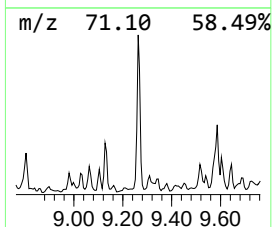
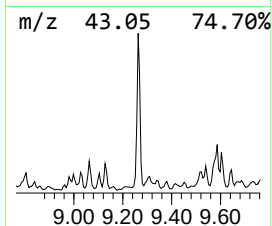
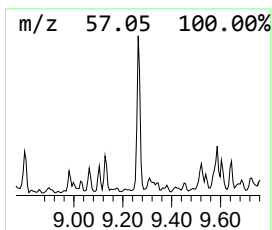
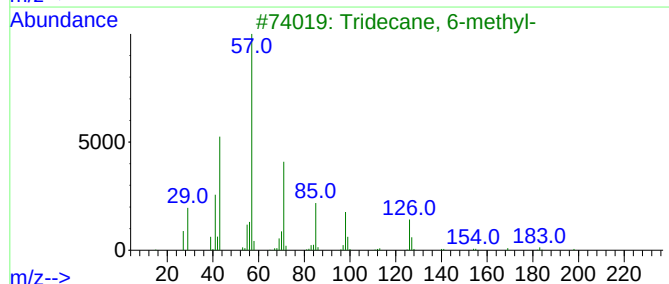
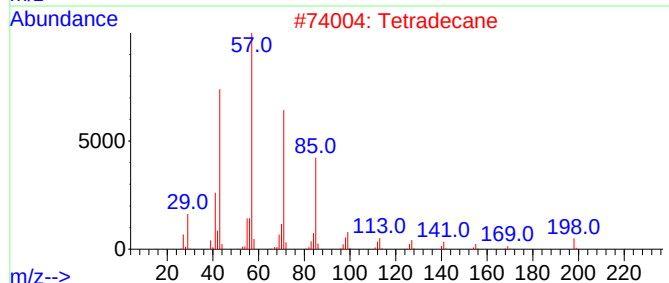
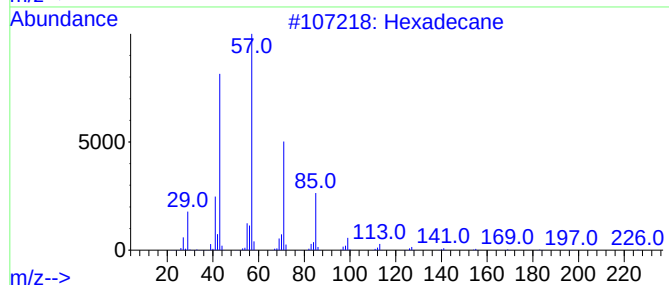
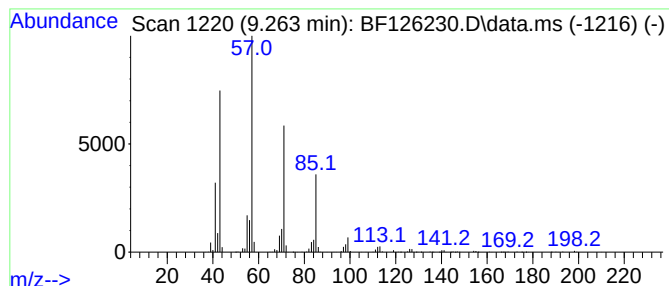
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	21.57 ng	2354800	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

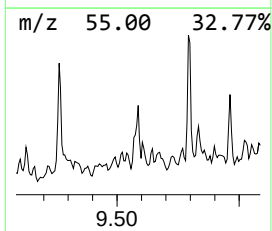
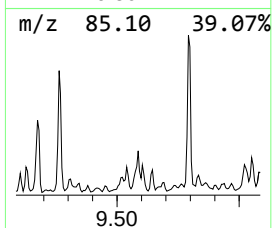
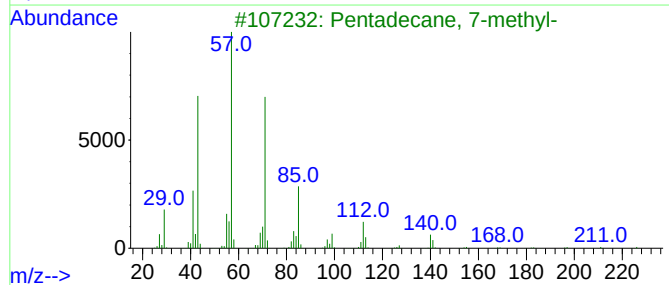
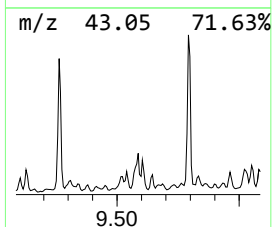
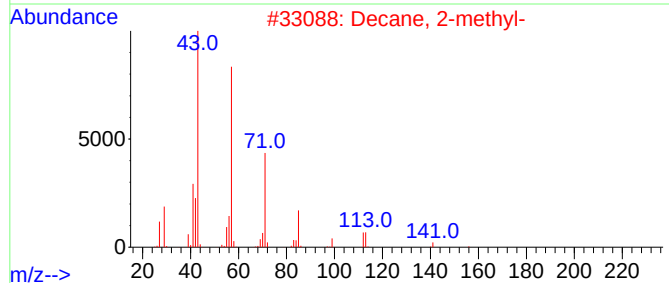
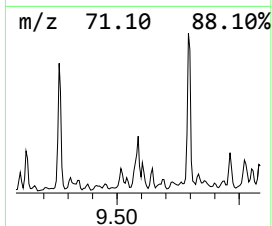
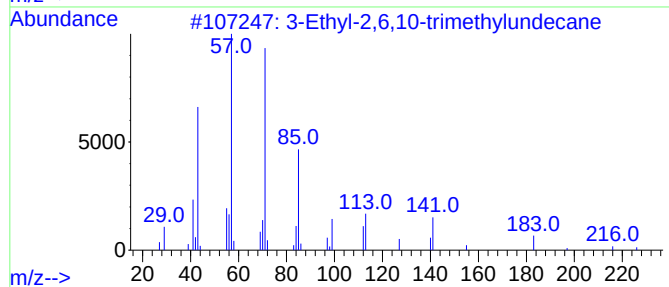
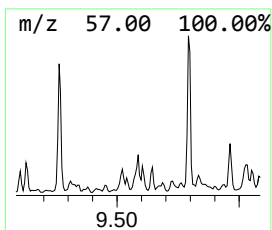
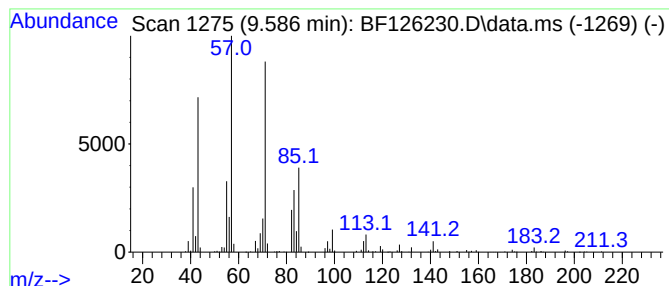
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	11.74 ng	1282030	Acenaphthene-d10	9.851

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
2		Decane, 2-methyl-	156	C11H24	006975-98-0	64
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
5		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126230.D
Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

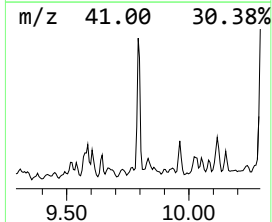
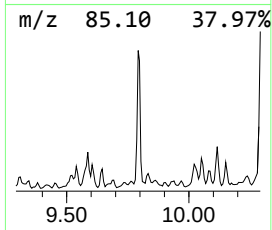
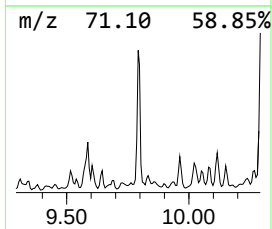
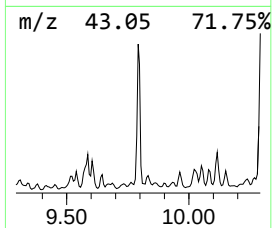
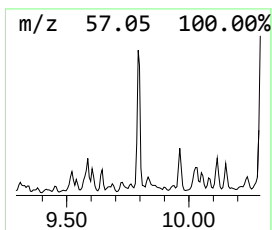
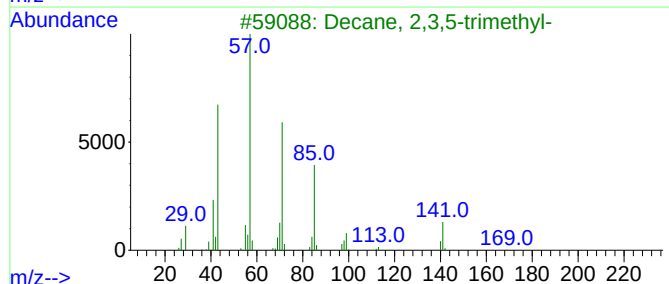
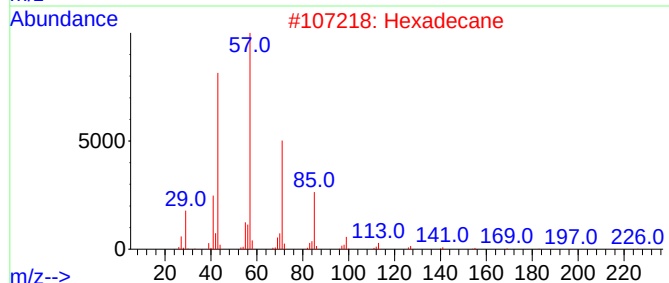
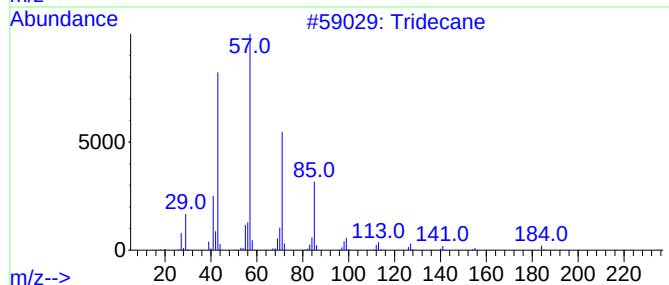
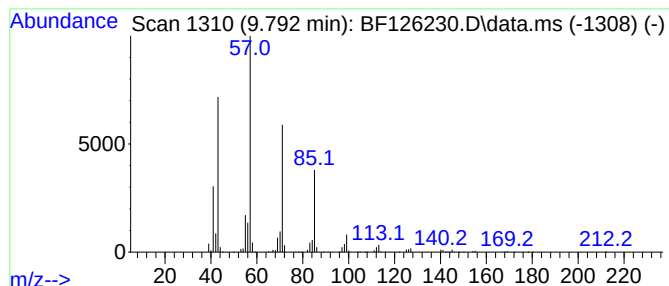
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	23.15 ng	2527990	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126230.D
Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

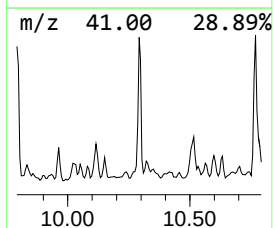
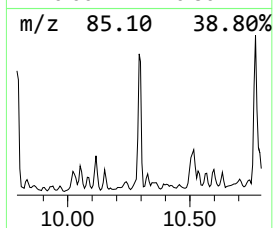
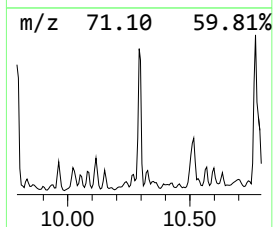
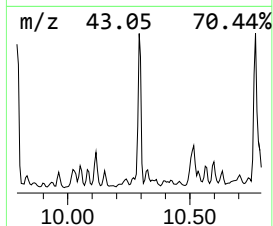
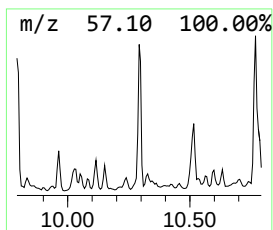
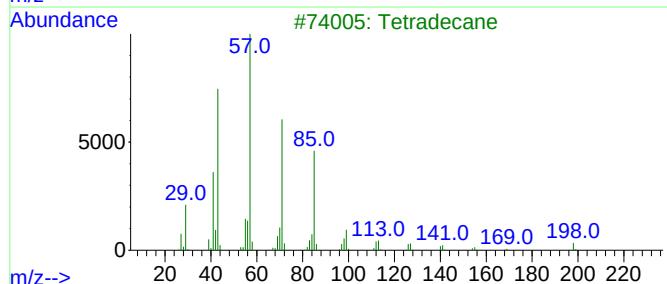
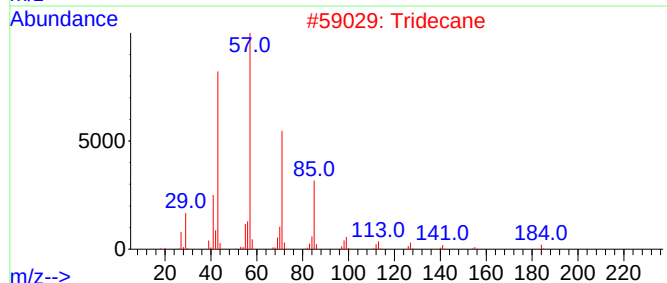
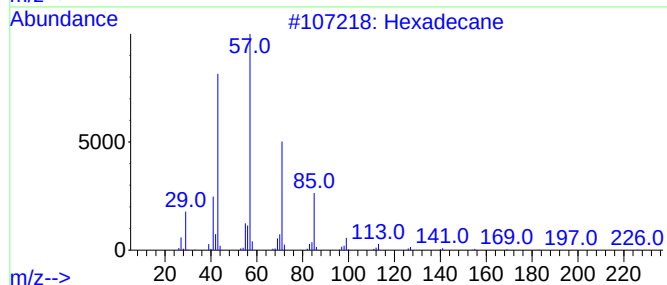
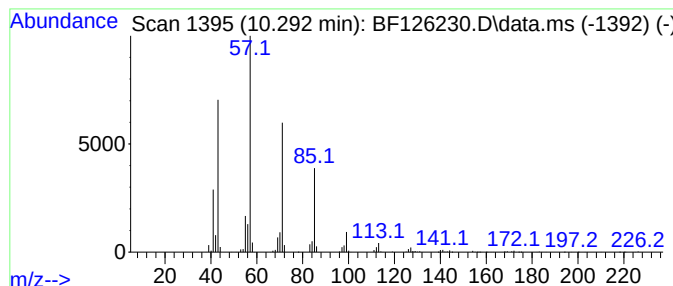
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	25.92 ng	2830000	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Tridecane	184	C13H28	000629-50-5	83
3			Tetradecane	198	C14H30	000629-59-4	78
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

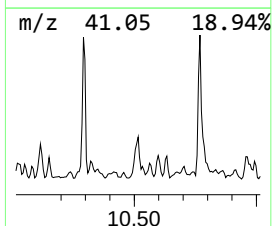
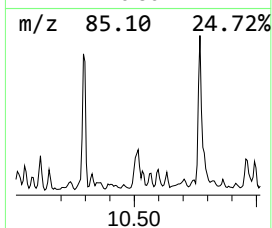
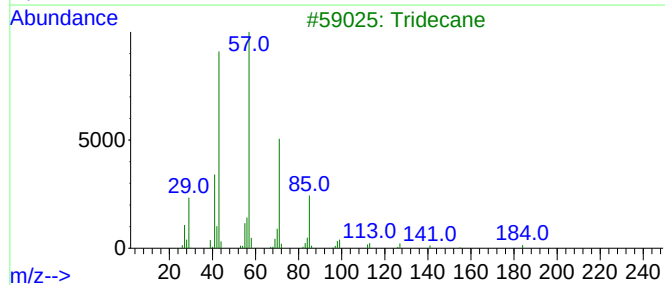
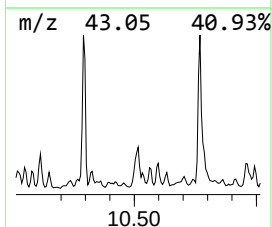
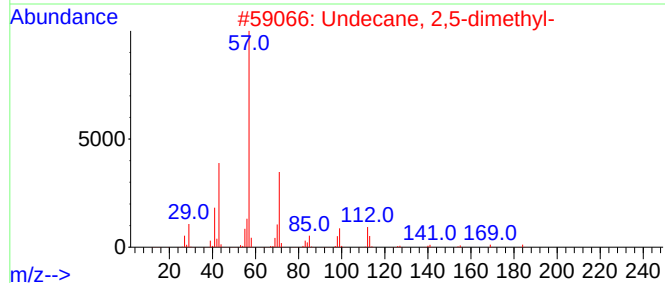
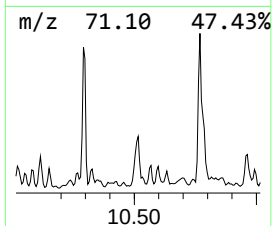
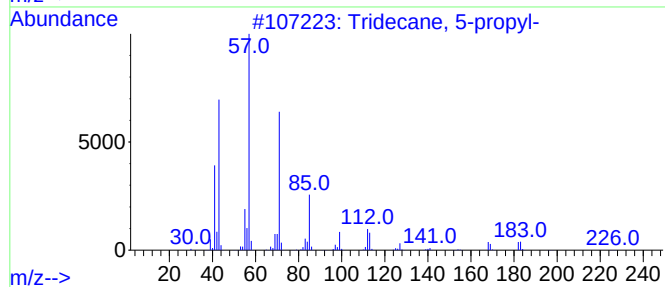
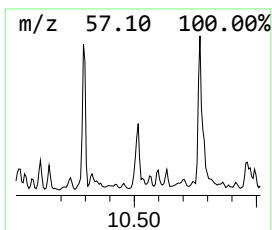
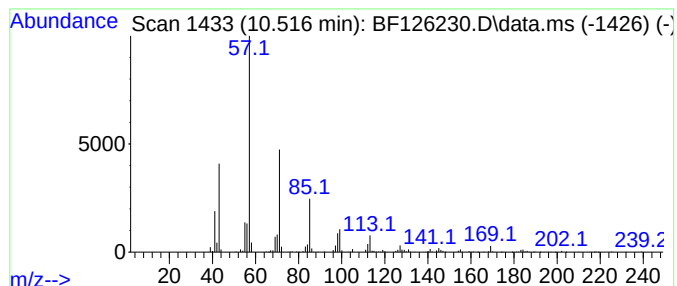
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	16.23 ng	1772410	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3			Tridecane	184	C13H28	000629-50-5	80
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Sample : M5083-05
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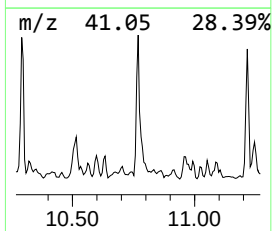
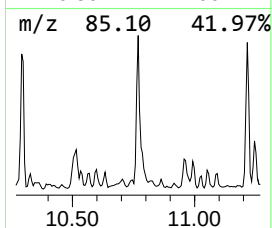
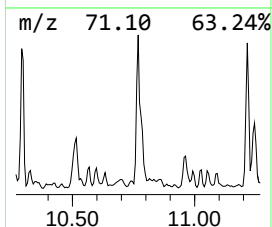
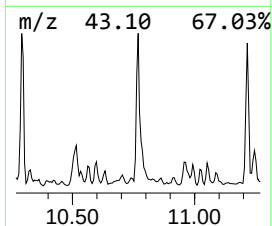
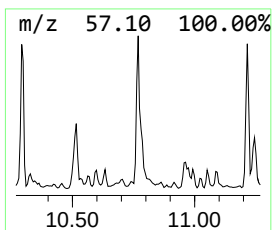
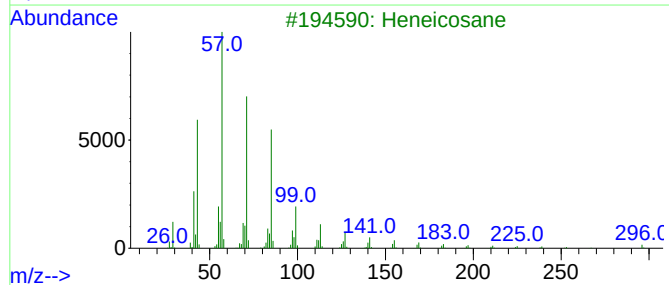
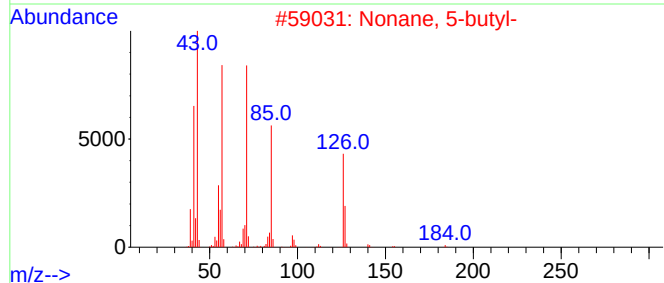
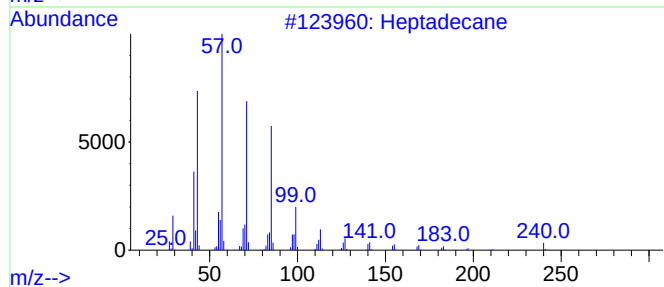
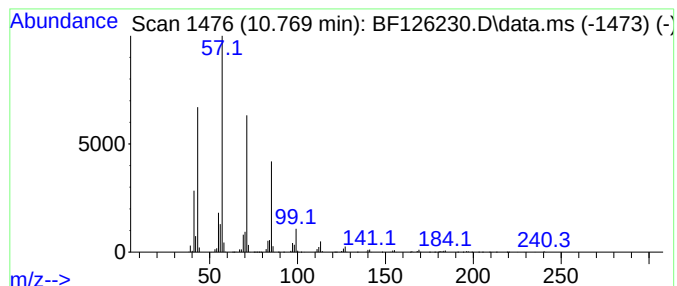
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	60.85 ng	3989350	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	81



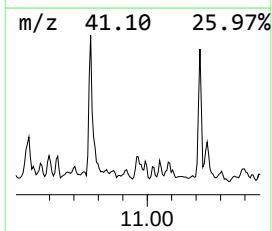
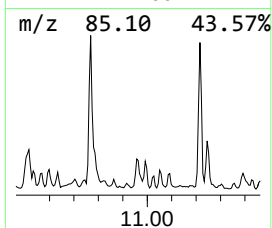
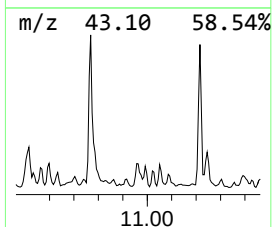
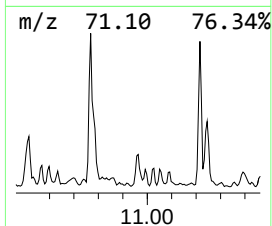
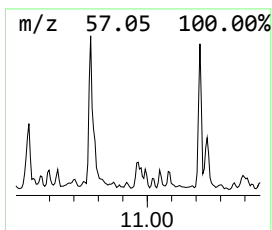
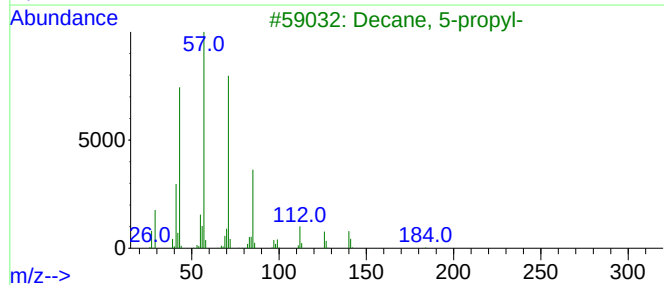
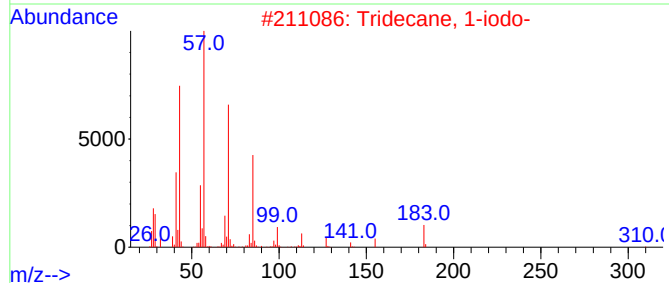
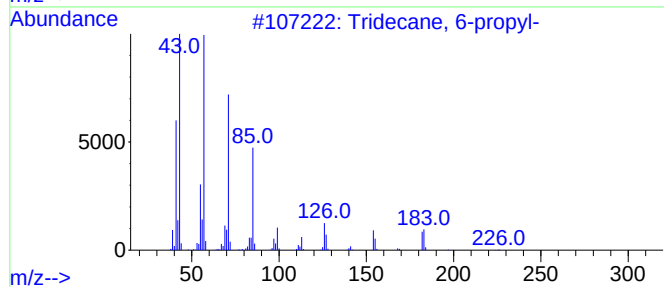
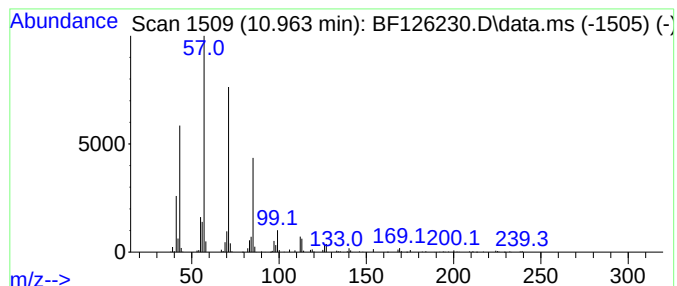
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Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.963	15.44 ng	1012480	Phenanthrene-d10		11.339	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-		226	C16H34	055045-10-8	87
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
3	Decane, 5-propyl-		184	C13H28	017312-62-8	81
4	Hexadecane		226	C16H34	000544-76-3	81
5	Tridecane, 5-propyl-		226	C16H34	055045-11-9	81



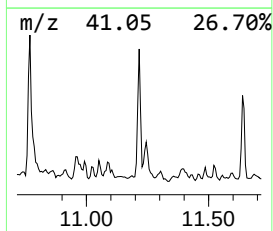
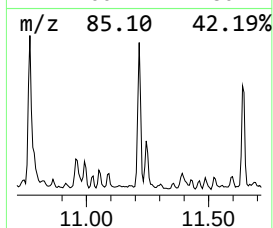
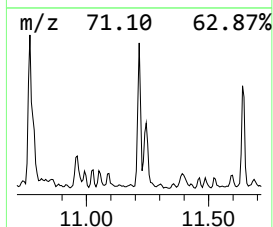
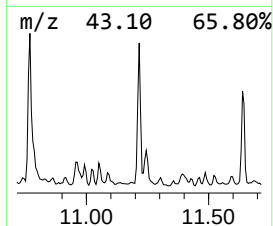
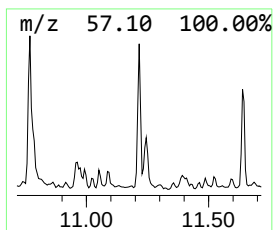
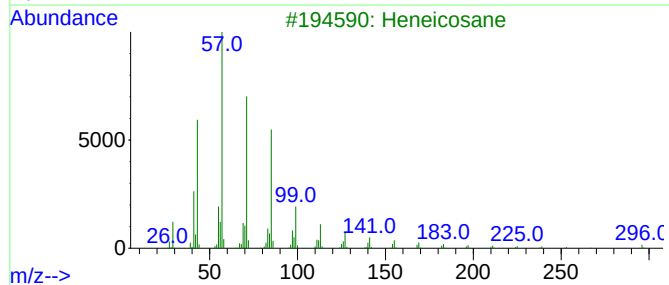
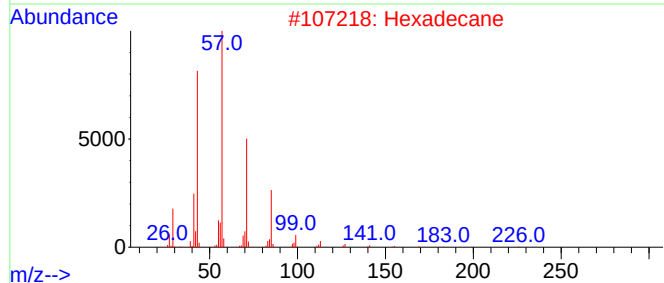
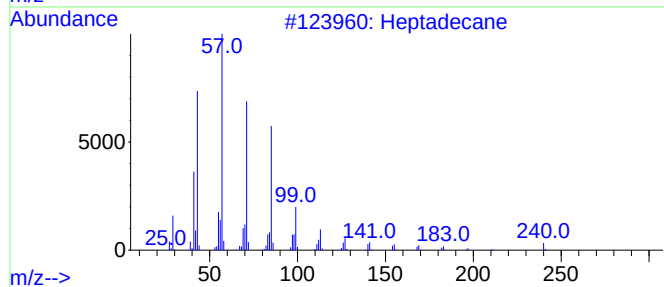
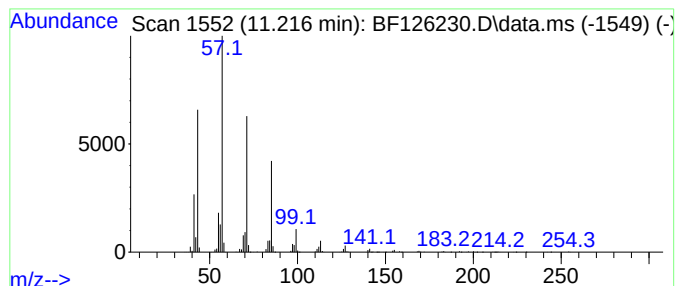
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Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.216	41.44 ng	2717050	Phenanthrene-d10	11.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Octadecane	254	C18H38	000593-45-3	80



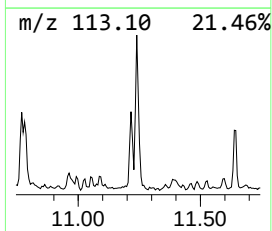
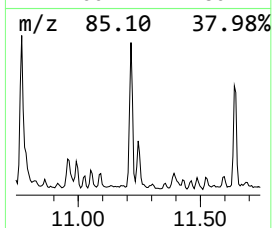
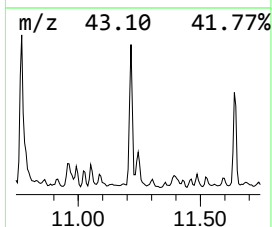
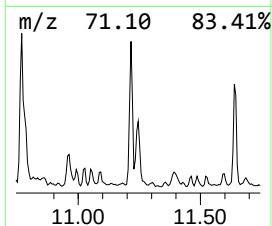
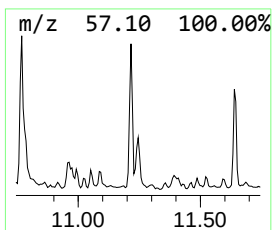
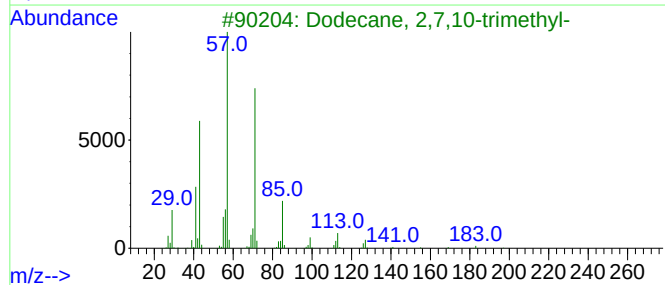
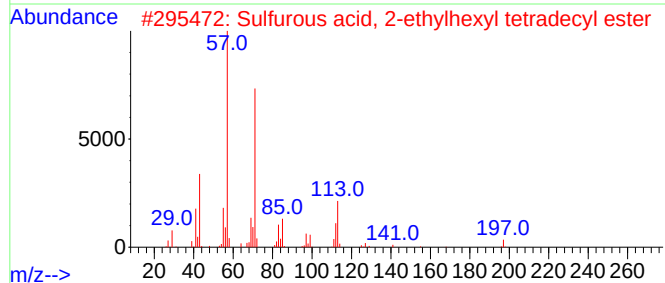
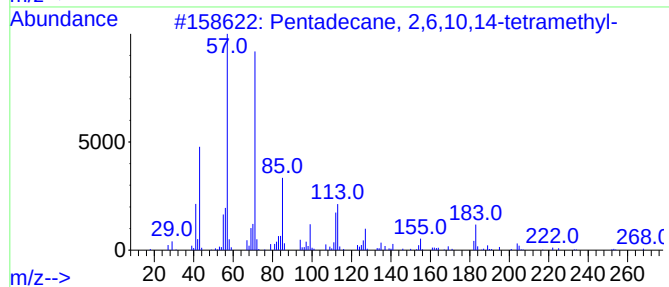
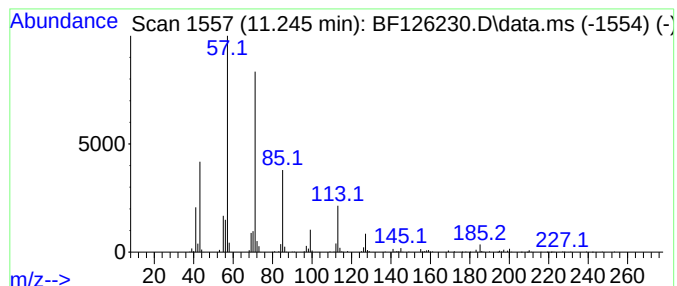
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Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.245	21.71 ng	1423430	Phenanthrene-d10		11.339	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	78
2	Sulfurous acid, 2-ethylhexyl tet...		390	C22H46O3S	1000309-19-7	72
3	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	64
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Sample : M5083-05
Misc :
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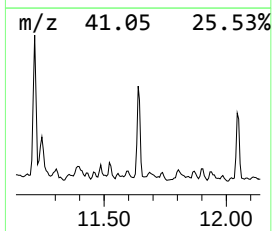
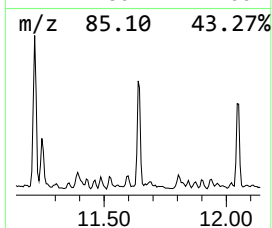
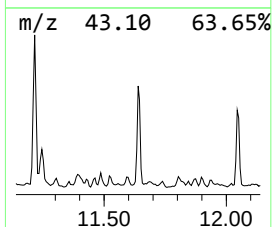
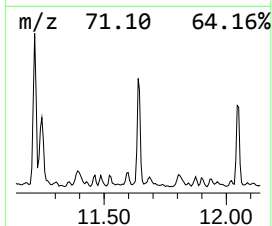
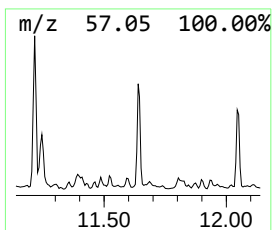
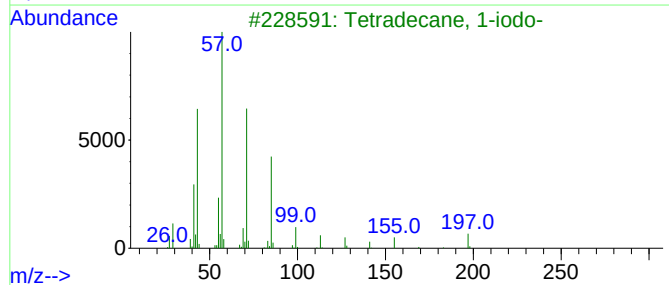
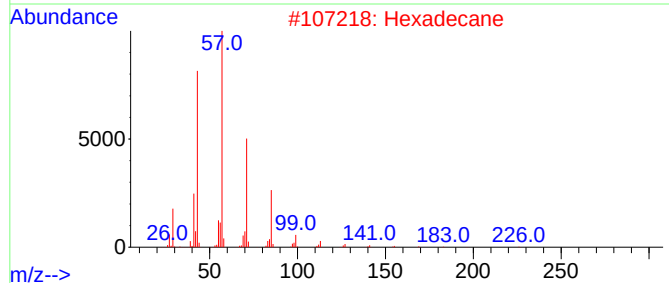
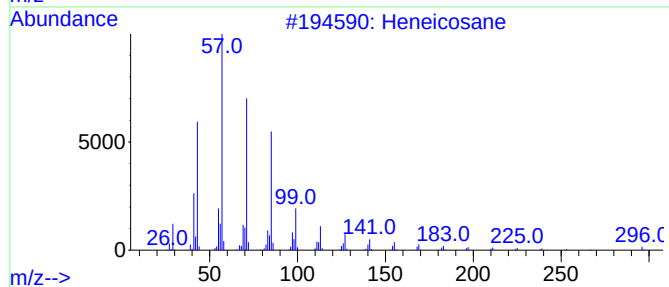
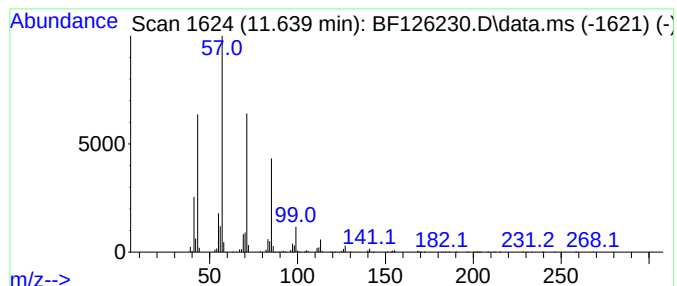
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	30.63 ng	2008250	Phenanthrene-d10	11.339

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5		Heptacosane	380	C27H56	000593-49-7	64



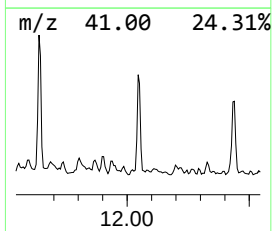
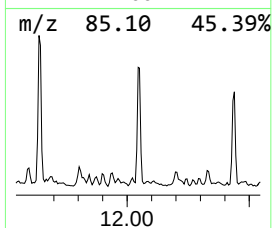
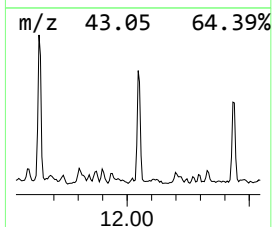
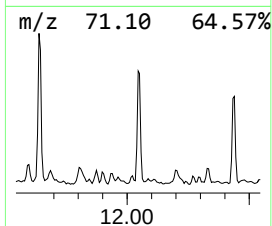
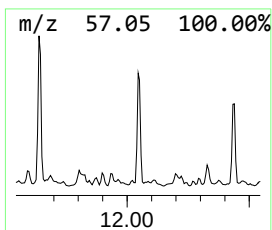
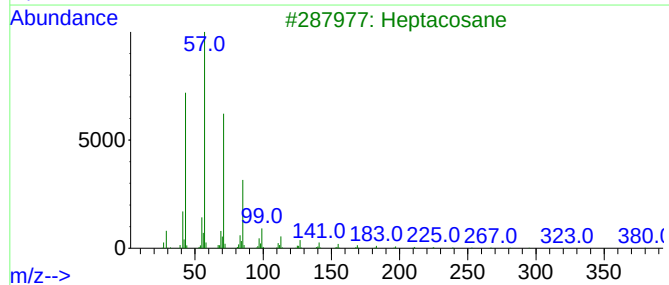
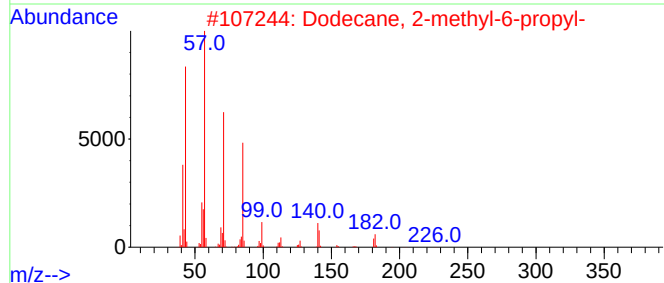
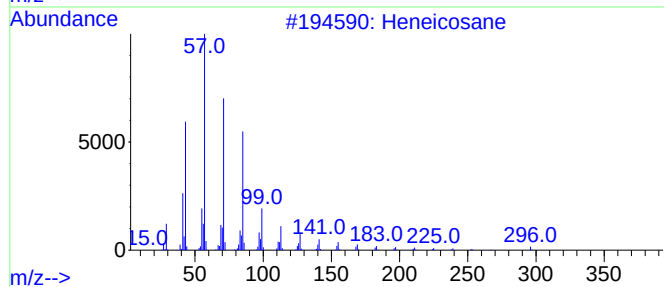
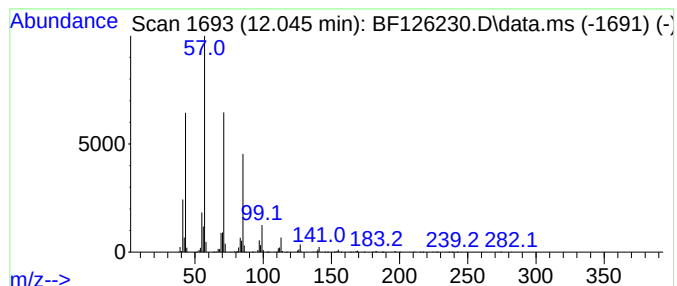
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Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.045	24.98 ng	1637870	Phenanthrene-d10		11.339	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
3	Heptacosane		380	C27H56	000593-49-7	80
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
5	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126230.D
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Sample : M5083-05
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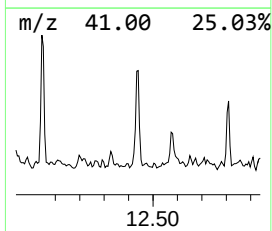
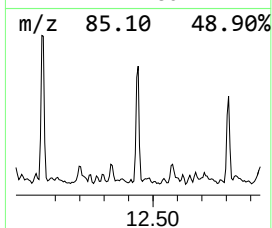
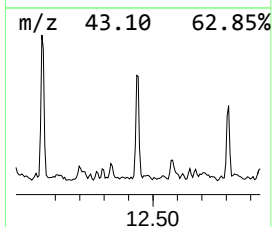
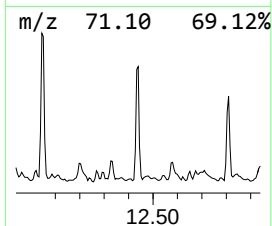
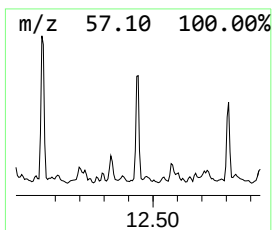
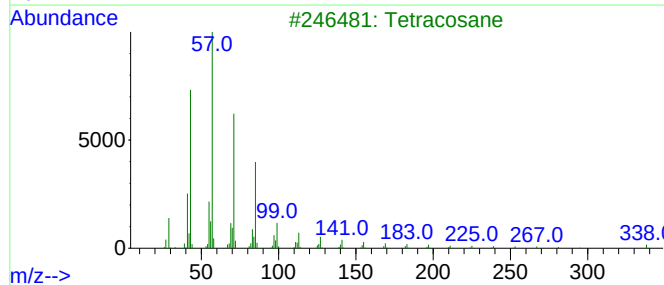
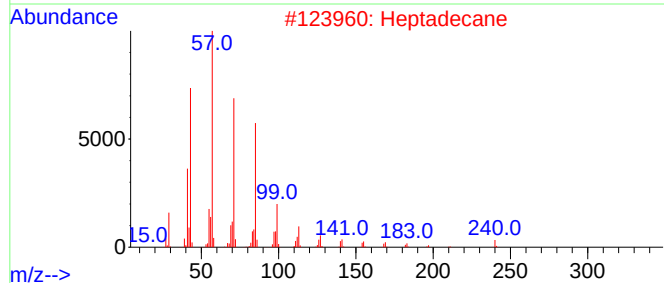
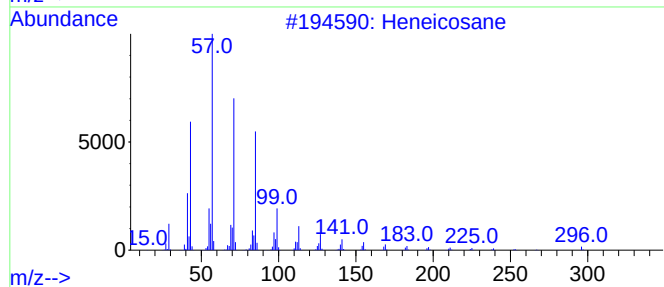
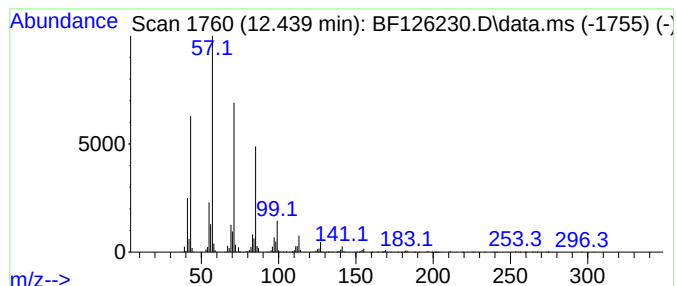
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	23.32 ng	1529070	Phenanthrene-d10	11.339

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			Tetracosane	338	C24H50	000646-31-1	91
4			Tetradecane	198	C14H30	000629-59-4	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

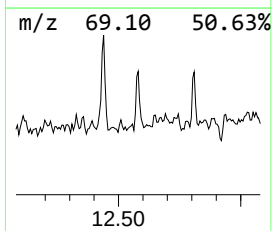
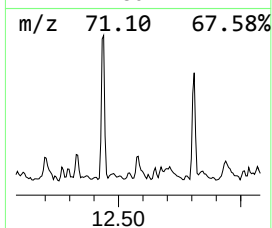
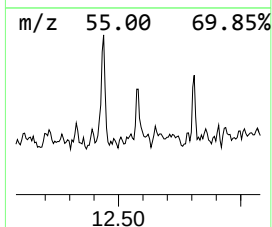
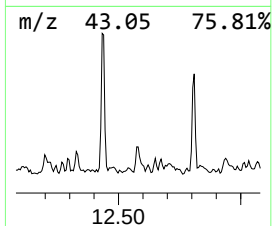
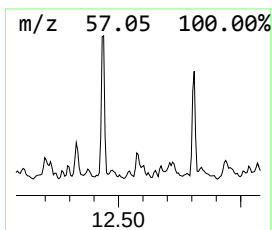
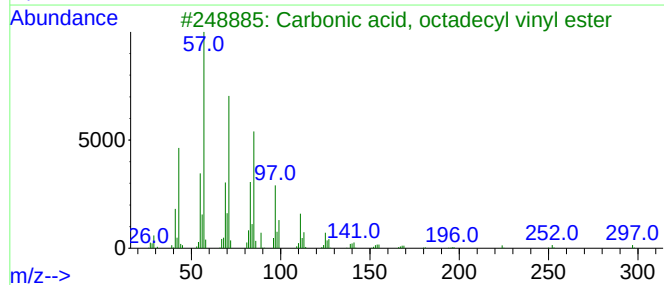
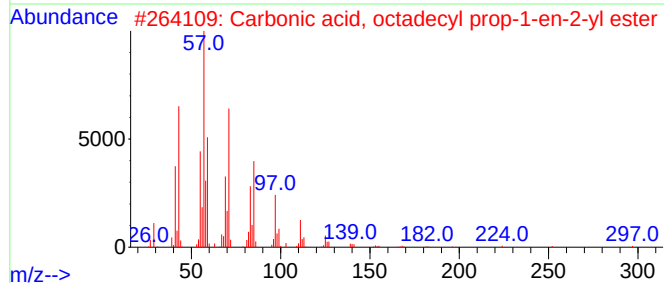
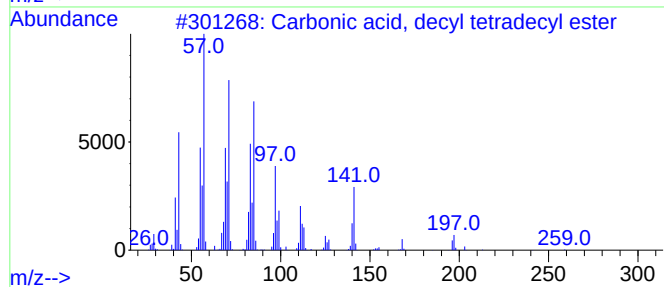
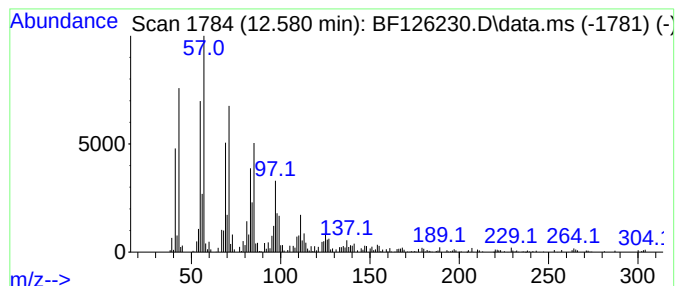
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Carbonic acid, decyl tetrad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	9.29 ng	609421	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	91
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	83
3			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
5			Eicosyl nonyl ether	424	C29H60O	1000406-37-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
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Misc :
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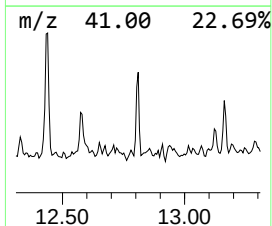
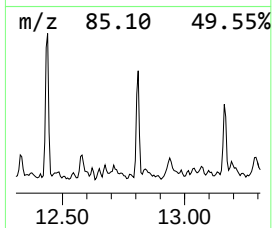
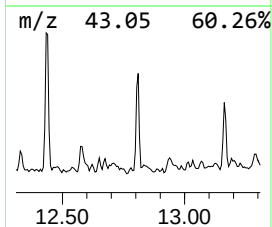
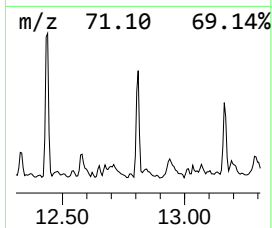
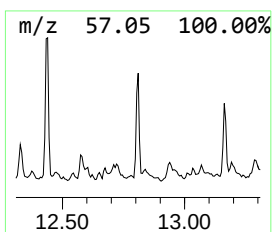
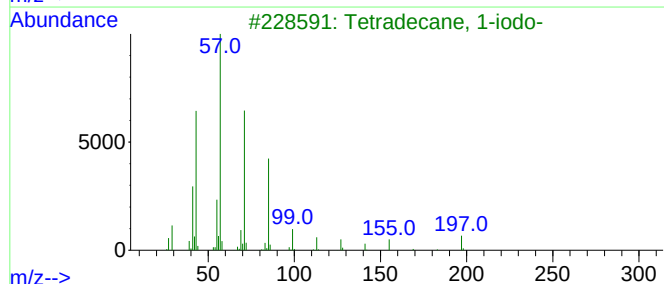
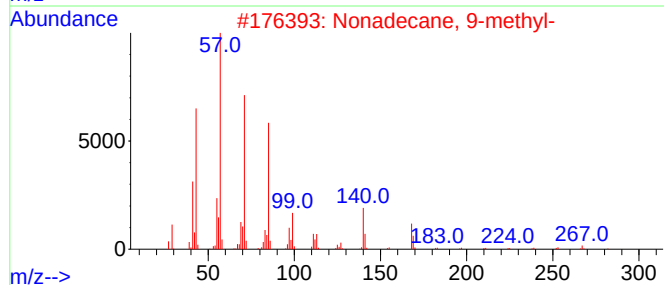
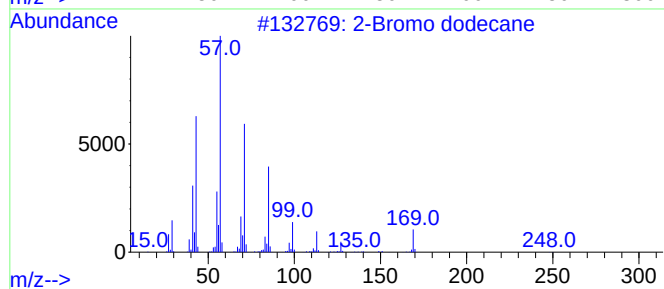
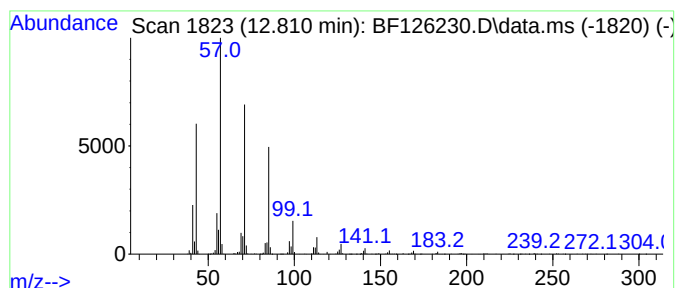
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	12.09 ng	839920	Chrysene-d12	13.968

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Hexadecane	226	C16H34	000544-76-3	83



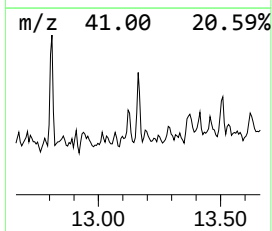
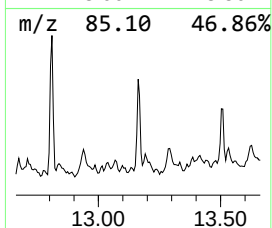
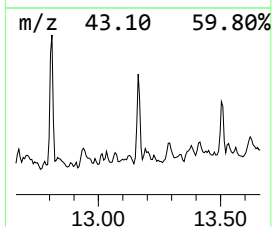
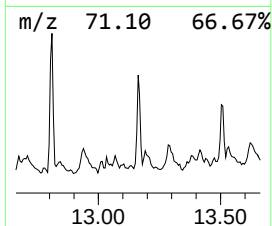
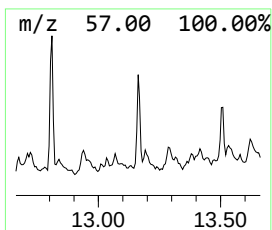
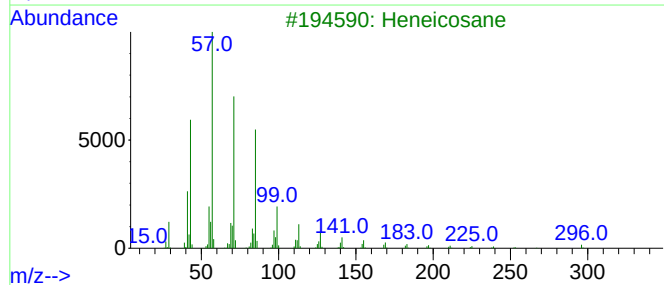
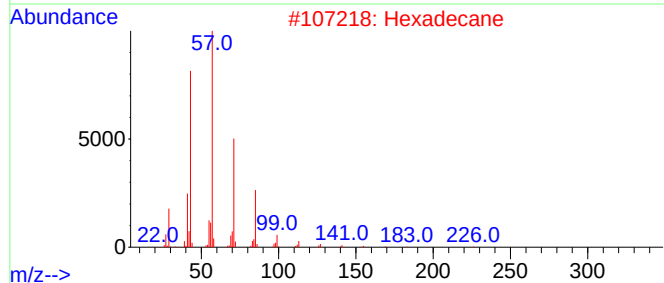
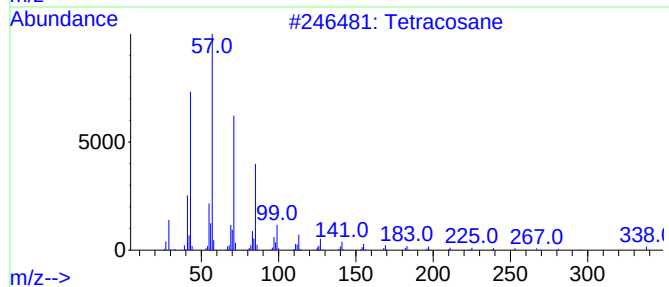
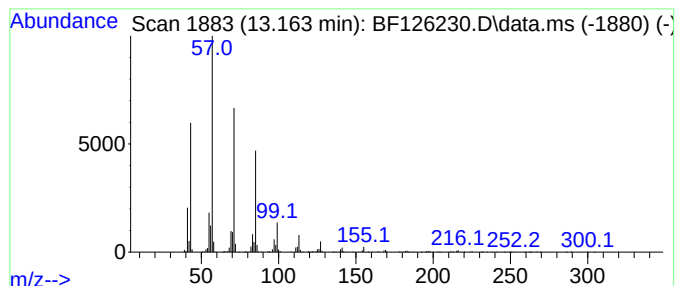
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Data File : BF126230.D
Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.163	8.85 ng	614638	Chrysene-d12		13.968	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	83
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126230.D
Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

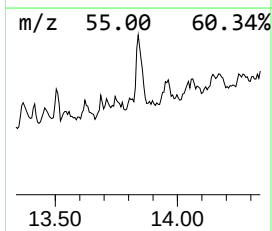
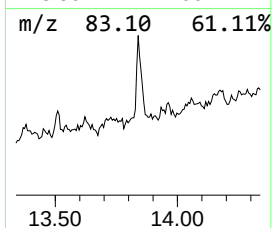
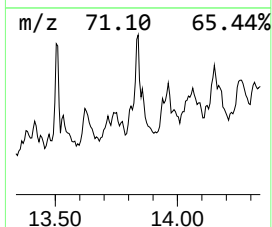
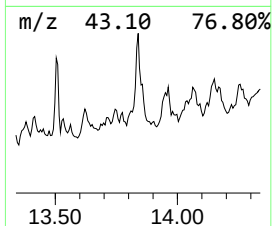
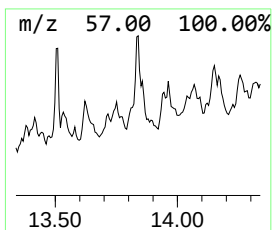
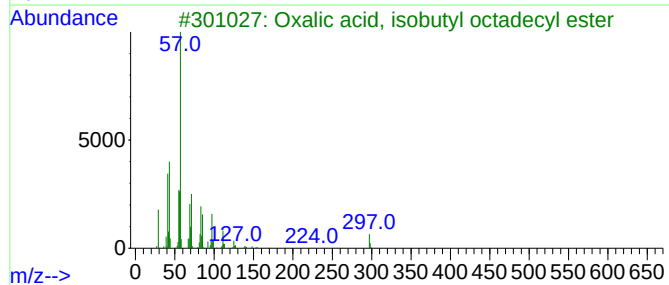
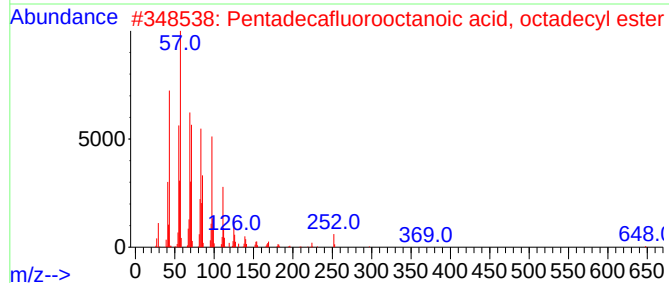
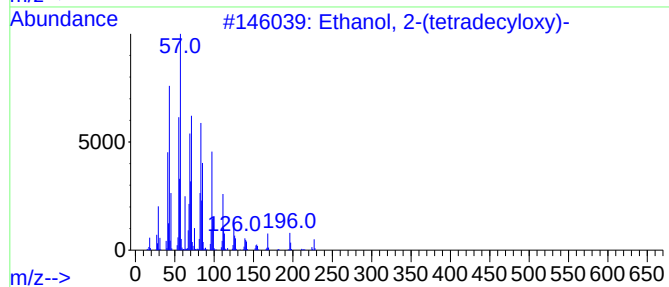
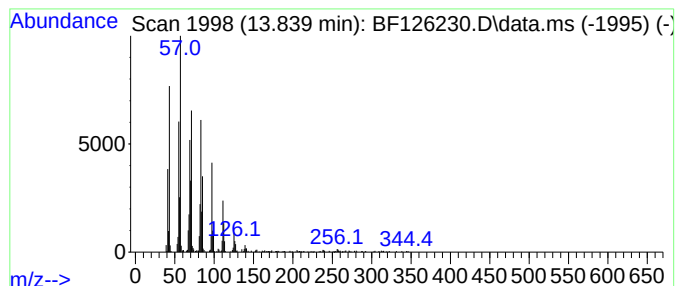
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Ethanol, 2-(tetradecyloxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	15.10 ng	1049460	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74



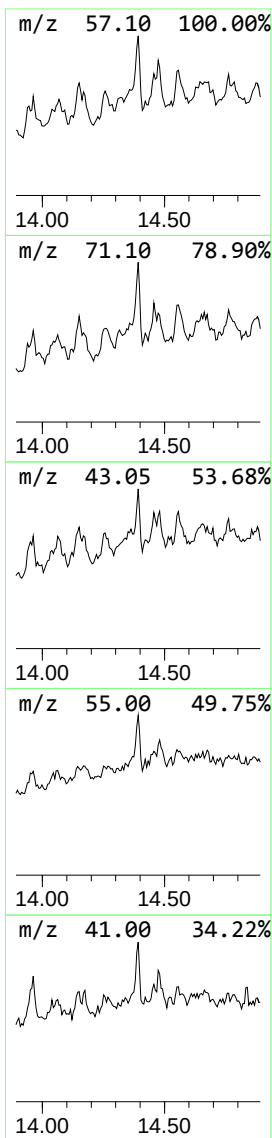
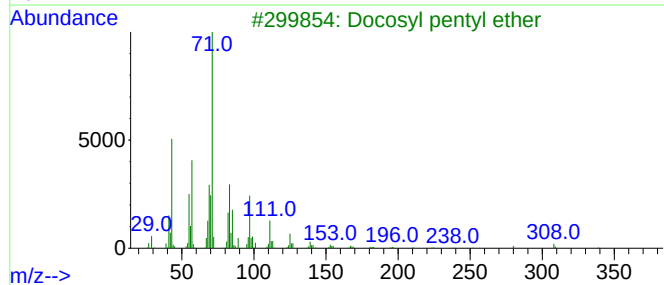
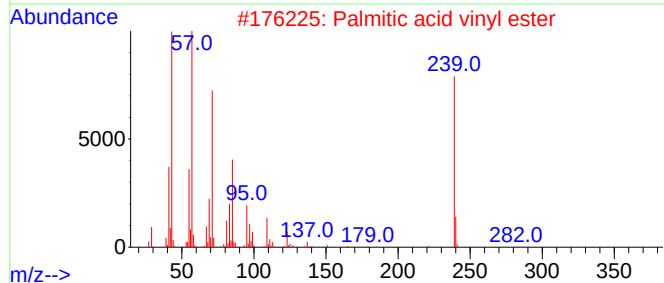
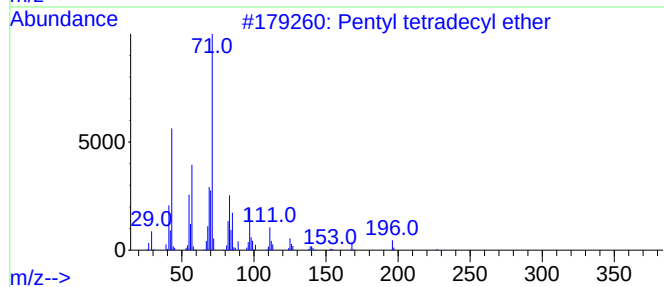
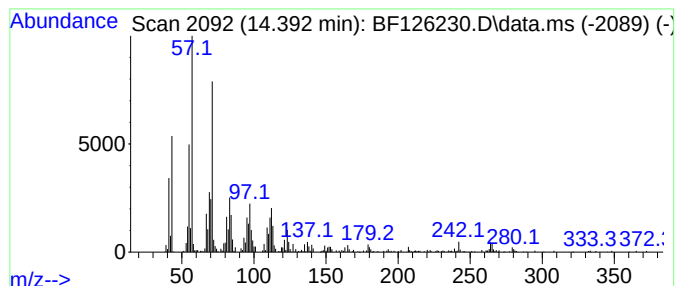
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Acq On : 17 Dec 2021 12:23
Operator : JU/CG
Sample : M5083-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentyl tetradecyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.392	9.39 ng	652310	Chrysene-d12		13.968	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentyl tetradecyl ether		284	C19H40O	1000406-41-7	52
2	Palmitic acid vinyl ester		282	C18H34O2	000693-38-9	49
3	Docosyl pentyl ether		396	C27H56O	1000406-42-1	47
4	Hexane, 3,3,4,4-tetramethyl-		142	C10H22	005171-84-6	38
5	Decane, 4-methyl-		156	C11H24	002847-72-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126230.D
 Acq On : 17 Dec 2021 12:23
 Operator : JU/CG
 Sample : M5083-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
2-Pentanone, 4-...	5.028	41.3	ng	2870080	1	6.816	1391210	20.0
(1R)-2,6,6-Trim...	6.098	16.7	ng	1163390	1	6.816	1391210	20.0
Tetradecane	8.698	11.9	ng	1613830	2	8.098	2704760	20.0
Tridecane, 6-me...	9.263	21.6	ng	2354800	3	9.851	2183600	20.0
3-Ethyl-2,6,10-...	9.586	11.7	ng	1282030	3	9.851	2183600	20.0
Tridecane	9.792	23.1	ng	2527990	3	9.851	2183600	20.0
Hexadecane	10.292	25.9	ng	2830000	3	9.851	2183600	20.0
Tridecane, 5-pr...	10.516	16.2	ng	1772410	3	9.851	2183600	20.0
Heptadecane	10.769	60.9	ng	3989350	4	11.339	1311290	20.0
Tridecane, 6-pr...	10.963	15.4	ng	1012480	4	11.339	1311290	20.0
Octadecane	11.216	41.4	ng	2717050	4	11.339	1311290	20.0
Pentadecane, 2,...	11.245	21.7	ng	1423430	4	11.339	1311290	20.0
Tetradecane, 1-...	11.639	30.6	ng	2008250	4	11.339	1311290	20.0
Dodecane, 2-met...	12.045	25.0	ng	1637870	4	11.339	1311290	20.0
Heneicosane	12.439	23.3	ng	1529070	4	11.339	1311290	20.0
Carbonic acid, ...	12.580	9.3	ng	609421	4	11.339	1311290	20.0
2-Bromo dodecane	12.810	12.1	ng	839920	5	13.968	1389790	20.0
Tetracosane	13.163	8.8	ng	614638	5	13.968	1389790	20.0
Ethanol, 2-(tet...	13.839	15.1	ng	1049460	5	13.968	1389790	20.0
Pentyl tetradec...	14.392	9.4	ng	652310	5	13.968	1389790	20.0