

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122535.D
 Acq On : 3 Dec 2020 13:51
 Operator : JU/CG
 Sample : L4911-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SK-12-1-SPA

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	12	rVB	182994	231717	5.53%	0.596%
2	2.234	21	25	31	rVB	47869	67073	1.60%	0.172%
3	5.069	500	507	515	rBV	39739	52286	1.25%	0.134%
4	5.475	571	576	579	rBV	3410700	3099110	73.99%	7.969%
5	6.487	743	748	760	rBV	3176357	3326894	79.42%	8.554%
6	6.851	807	810	814	rBV	1195673	1086830	25.95%	2.794%
7	7.416	901	906	909	rBV	2358472	2027657	48.41%	5.214%
8	8.139	1025	1029	1032	rBV	1739869	1372569	32.77%	3.529%
9	8.904	1156	1159	1166	rBV	166895	235106	5.61%	0.605%
10	9.216	1208	1212	1215	rBV	4313670	3640086	86.90%	9.360%
11	9.610	1275	1279	1286	rBV	189886	184671	4.41%	0.475%
12	9.898	1323	1328	1331	rBV	1689960	1662626	39.69%	4.275%
13	10.686	1457	1462	1471	rBV	2391539	2663393	63.58%	6.848%
14	10.774	1472	1477	1482	rVV3	36451	101806	2.43%	0.262%
15	11.245	1551	1557	1561	rBV6	32850	58217	1.39%	0.150%
16	11.380	1576	1580	1583	rBV	1991922	1824597	43.56%	4.691%
17	11.404	1583	1584	1588	rVV	252304	167570	4.00%	0.431%
18	11.457	1590	1593	1596	rVB	78364	68777	1.64%	0.177%
19	11.769	1644	1646	1653	rVB3	46645	68952	1.65%	0.177%
20	11.916	1662	1671	1681	rBV2	1219611	1819656	43.44%	4.679%
21	12.233	1723	1725	1732	rVB4	34919	50322	1.20%	0.129%
22	12.433	1756	1759	1762	rBV	49135	57788	1.38%	0.149%
23	12.521	1771	1774	1778	rBV2	67397	74539	1.78%	0.192%
24	12.568	1778	1782	1784	rBV	118987	144910	3.46%	0.373%
25	12.592	1784	1786	1790	rBV	560921	525066	12.54%	1.350%
26	12.704	1799	1805	1819	rBV	1749392	2525086	60.28%	6.493%
27	12.821	1820	1825	1831	rVB	632522	677294	16.17%	1.741%
28	12.968	1846	1850	1858	rVB	4391806	4188768	100.00%	10.770%
29	13.039	1859	1862	1866	rVB3	49005	68328	1.63%	0.176%
30	13.127	1875	1877	1879	rBV3	39294	44463	1.06%	0.114%
31	13.257	1895	1899	1902	rBV2	99093	110339	2.63%	0.284%
32	13.351	1912	1915	1917	rBV	51278	44491	1.06%	0.114%
33	13.380	1917	1920	1924	rBV2	50511	48106	1.15%	0.124%
34	13.657	1965	1967	1972	rVB	87336	96190	2.30%	0.247%
35	13.768	1983	1986	1989	rBV3	56491	65909	1.57%	0.169%
36	13.868	2000	2003	2007	rVB2	79495	81902	1.96%	0.211%

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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	13.968	2014	2020	2022	rBV5	98910	204032	4.87%	0.525%
38	14.021	2023	2029	2032	rVV3	1834834	2468577	58.93%	6.347%
39	14.045	2032	2033	2039	rVB	309201	286594	6.84%	0.737%
40	14.410	2093	2095	2098	rVB	64579	53586	1.28%	0.138%
41	14.451	2098	2102	2105	rVB2	42110	44905	1.07%	0.115%
42	14.492	2107	2109	2114	rVB3	55678	62412	1.49%	0.160%
43	14.651	2134	2136	2145	rVB6	75415	113956	2.72%	0.293%
44	14.798	2159	2161	2165	rVB	49913	47277	1.13%	0.122%
45	15.062	2202	2206	2210	rBV	307253	473611	11.31%	1.218%
46	15.139	2216	2219	2222	rVB2	62073	68632	1.64%	0.176%
47	15.174	2222	2225	2229	rVB	47146	51097	1.22%	0.131%
48	15.368	2254	2258	2264	rVB	157057	227700	5.44%	0.585%
49	15.427	2264	2268	2274	rBV	157499	212097	5.06%	0.545%
50	15.498	2274	2280	2283	rBV	1079721	1398713	33.39%	3.596%
51	15.962	2354	2359	2364	rVB3	79740	123268	2.94%	0.317%
52	16.051	2371	2374	2379	rVB4	32025	48433	1.16%	0.125%
53	16.468	2441	2445	2451	rVB	40163	58723	1.40%	0.151%
54	16.956	2523	2528	2535	rVB2	67823	129431	3.09%	0.333%
55	17.056	2542	2545	2553	rVB4	39474	76387	1.82%	0.196%
56	17.398	2598	2603	2613	rVB	52648	110038	2.63%	0.283%
57	17.768	2660	2666	2673	rVB4	29501	69212	1.65%	0.178%

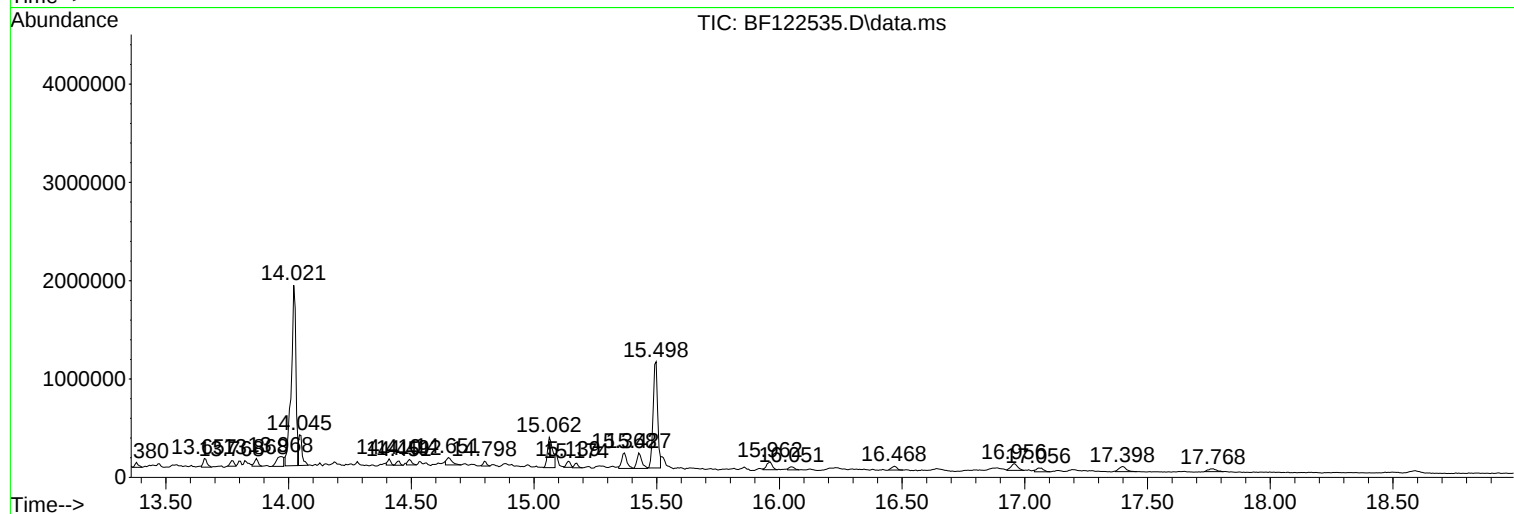
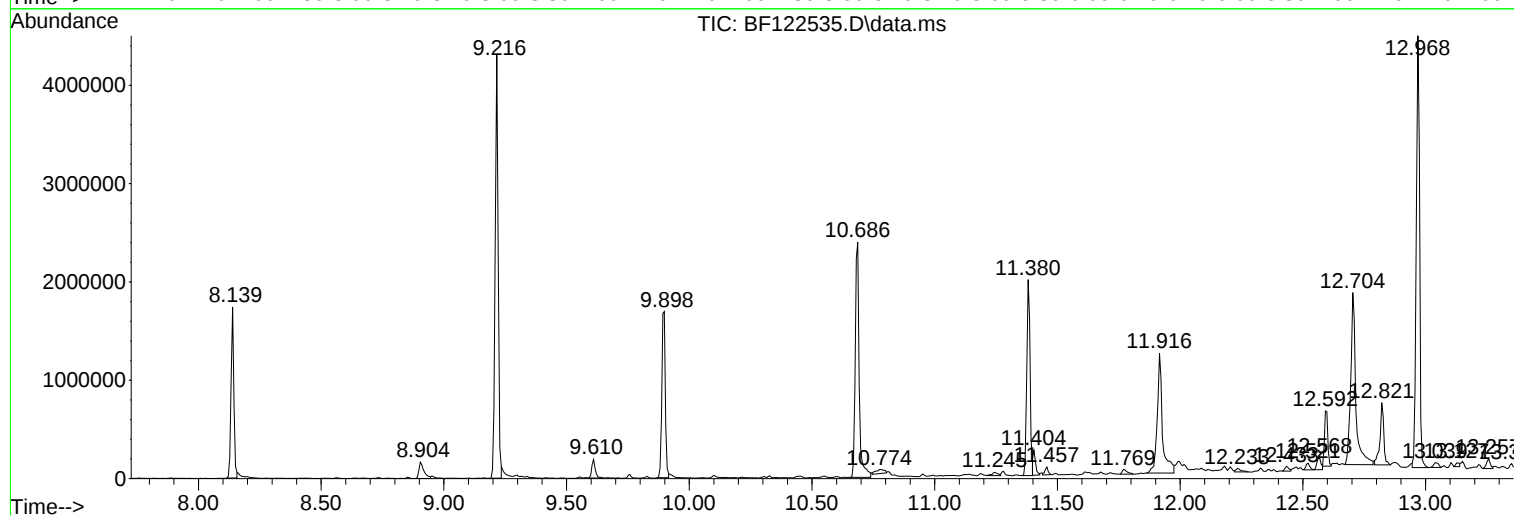
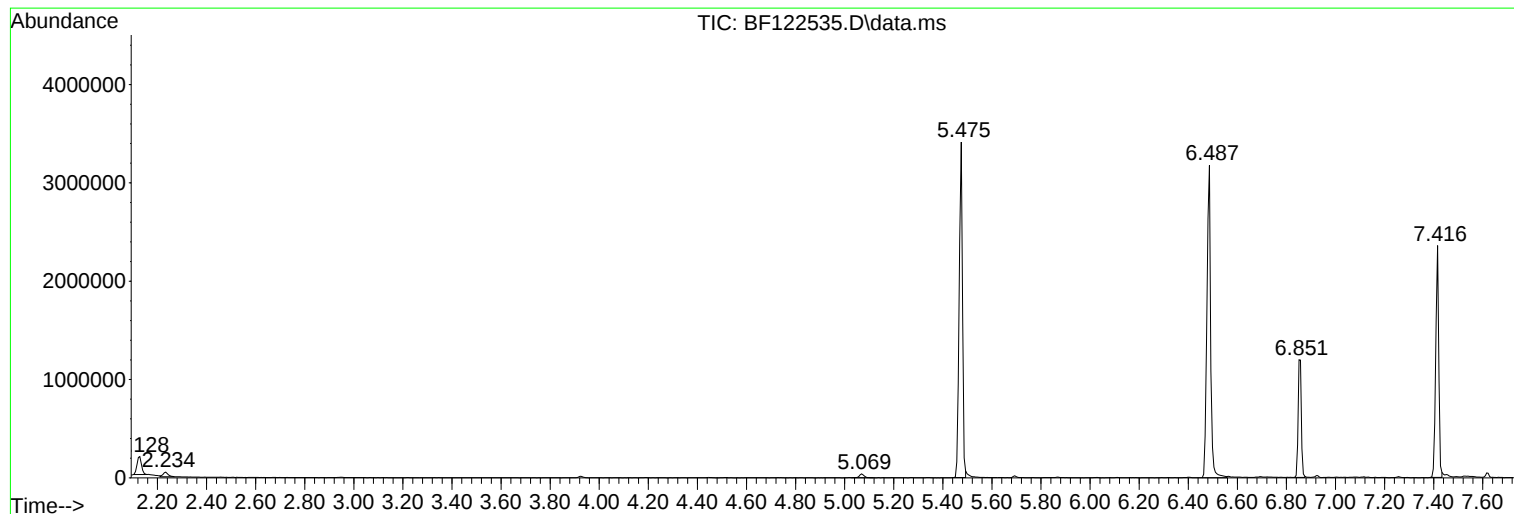
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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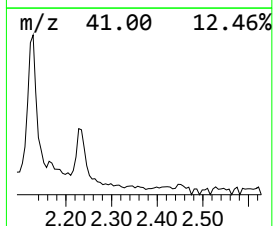
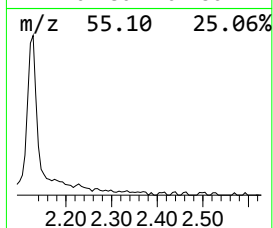
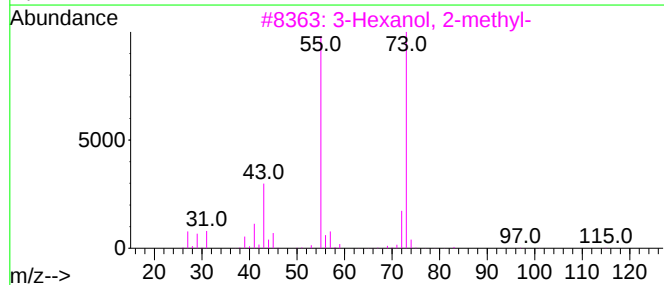
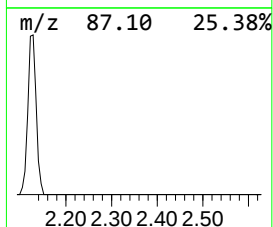
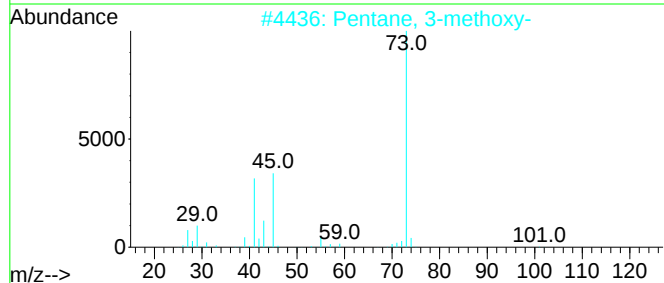
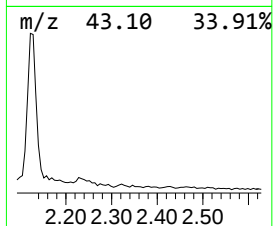
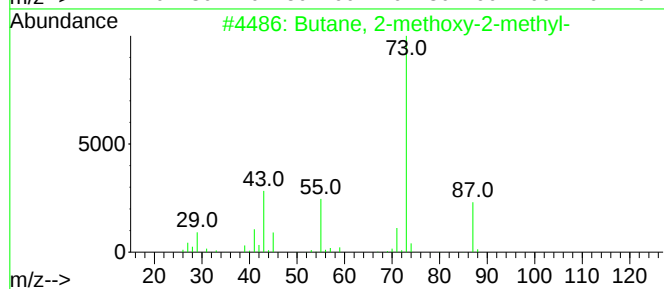
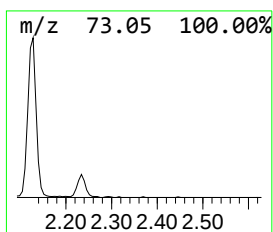
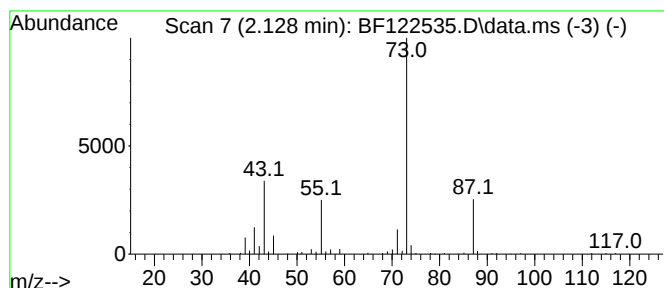
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	4.26 ng	231717	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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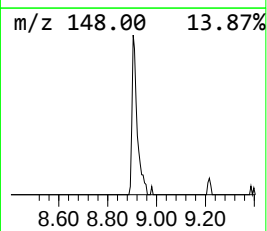
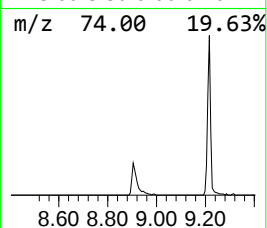
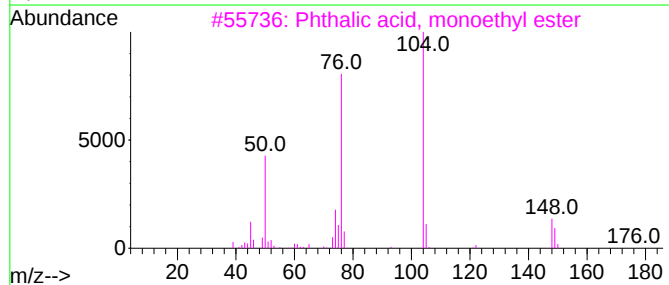
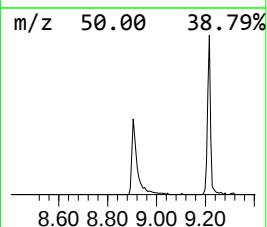
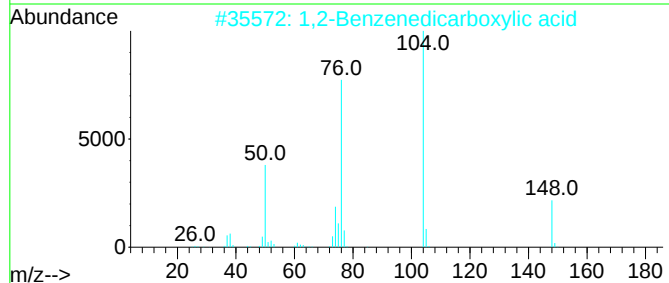
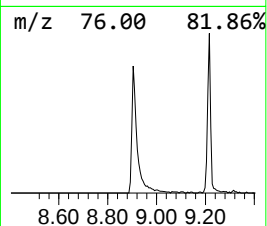
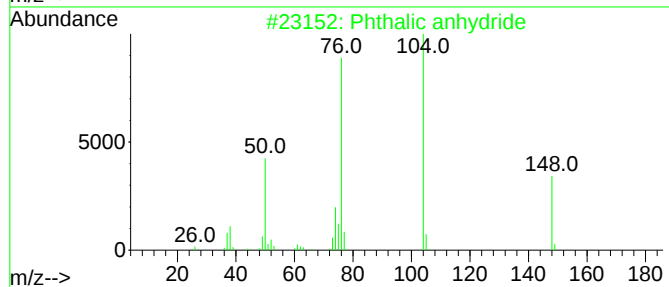
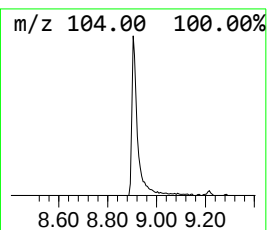
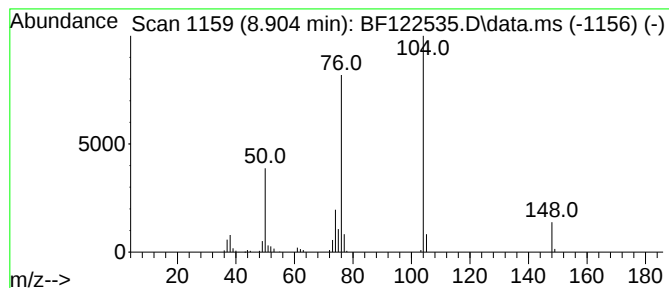
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phthalic anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	3.43 ng	235106	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	95
2			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3			Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4			Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	86
5			Phthalamic acid	165	C8H7NO3	000088-97-1	83



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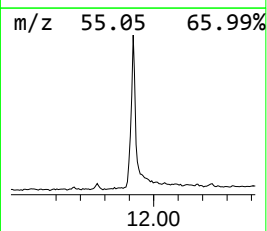
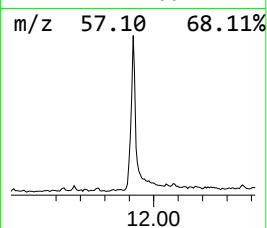
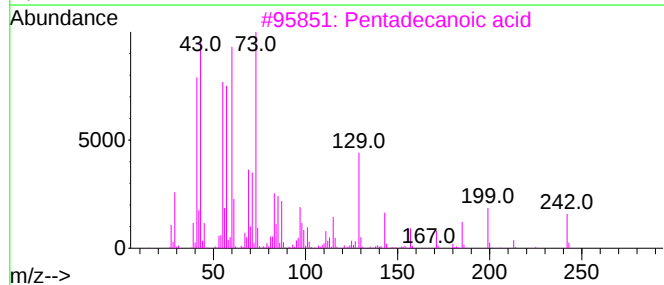
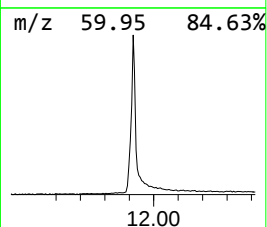
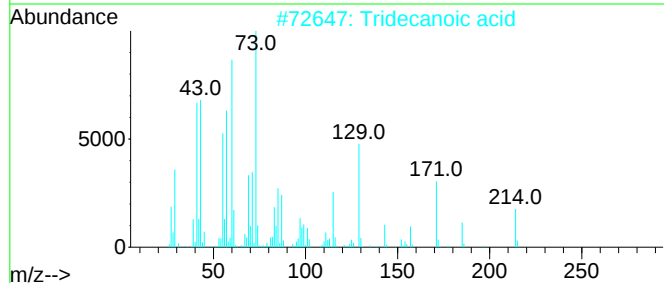
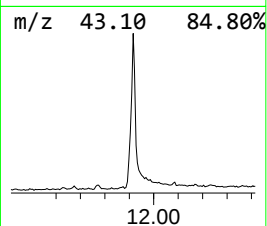
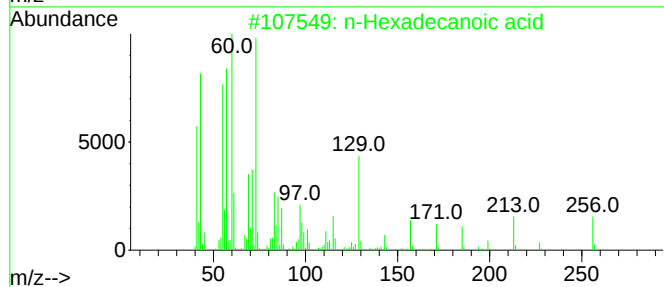
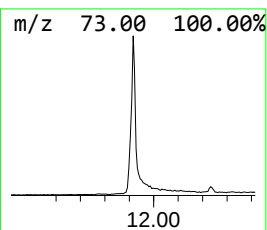
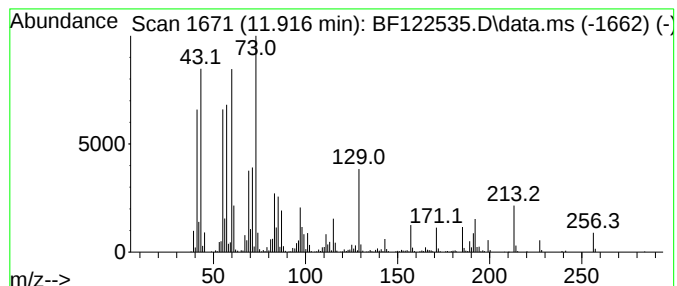
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	19.95 ng	1819660	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
5	Octadecanoic acid		284	C18H36O2	000057-11-4	87



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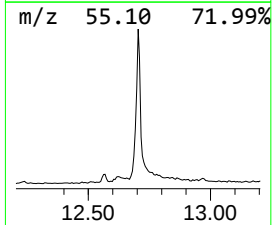
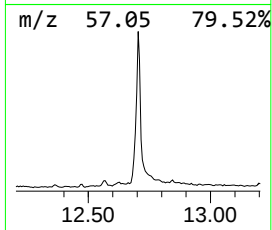
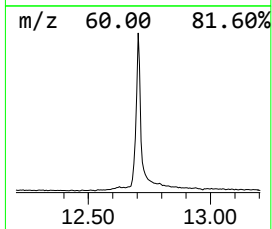
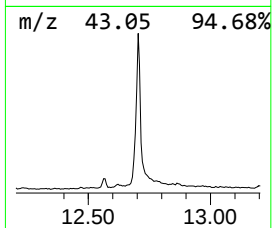
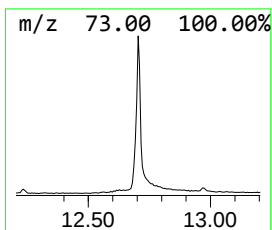
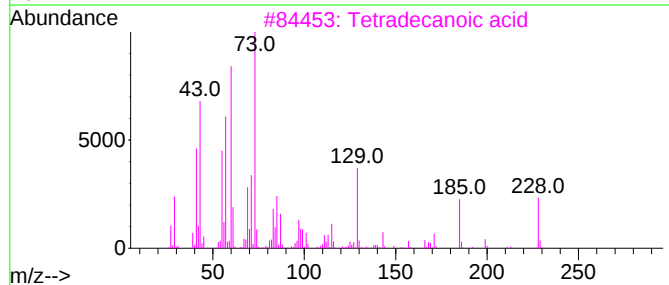
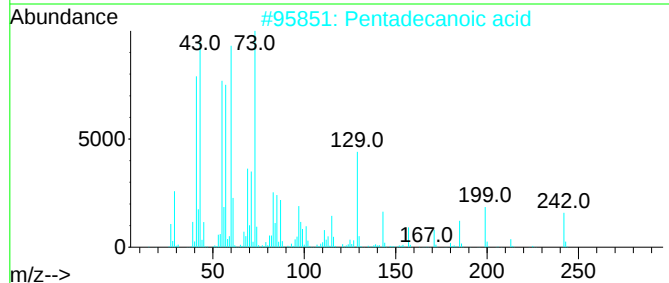
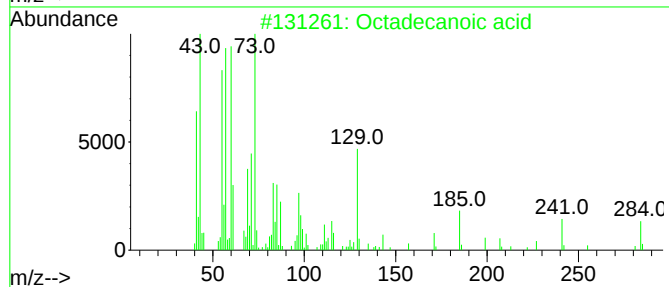
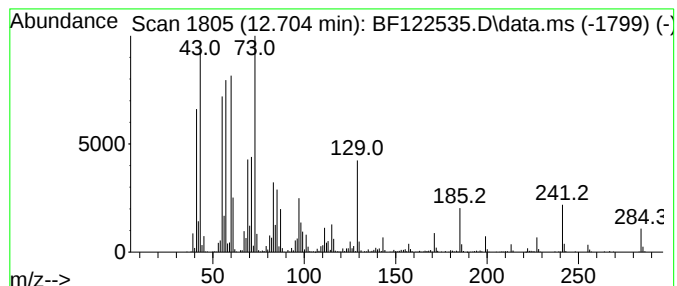
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	20.46 ng	2525090	Chrysene-d12	14.021

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	68



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ClientSampleId :
SK-12-1-SPA

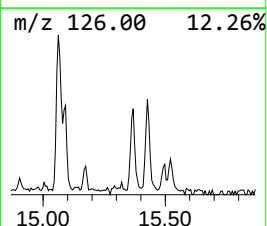
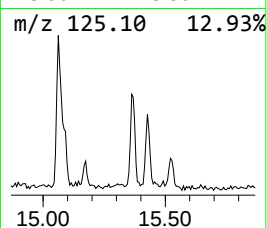
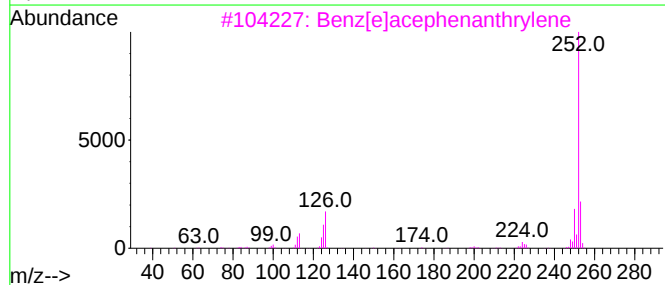
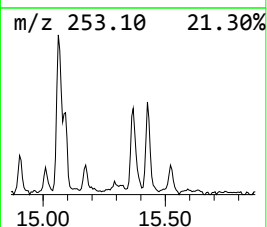
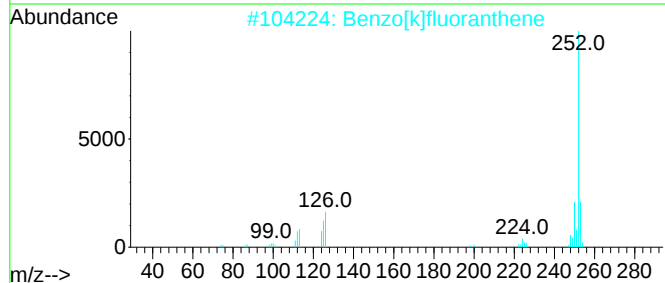
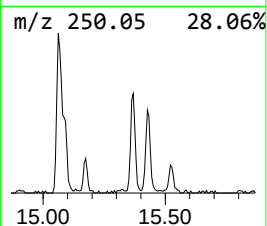
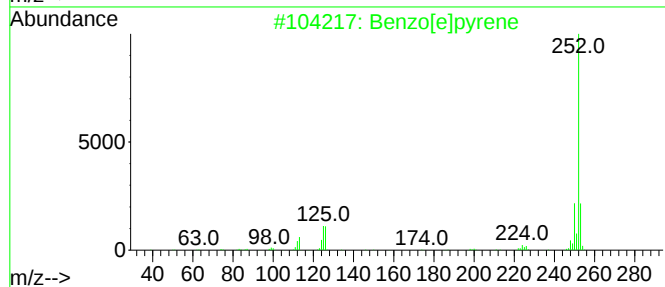
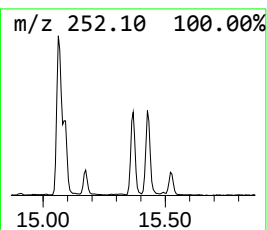
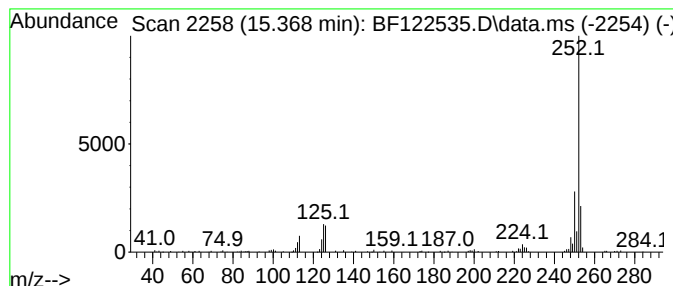
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	3.26 ng	227700	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122535.D
Acq On : 3 Dec 2020 13:51
Operator : JU/CG
Sample : L4911-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.128	4.3	ng	231717	1	6.857	1086830	20.0
Phthalic anhydride	8.904	3.4	ng	235106	2	8.139	1372570	20.0
n-Hexadecanoic ...	11.916	19.9	ng	1819660	4	11.380	1824600	20.0
Octadecanoic acid	12.704	20.5	ng	2525090	5	14.021	2468580	20.0
Benzo[e]pyrene	15.368	3.3	ng	227700	6	15.498	1398710	20.0