

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082820\
 Data File : BF121469.D
 Acq On : 28 Aug 2020 20:03
 Operator : JU/CG
 Sample : L3837-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP13-0612-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF082720.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	7	12	18	rVB	1770257	2192315	36.34%	3.300%
2	5.075	505	508	517	rVB	95945	114709	1.90%	0.173%
3	5.475	571	576	579	rBV	4972464	4579512	75.90%	6.892%
4	6.481	741	747	750	rBV	4869467	4774815	79.14%	7.186%
5	6.681	778	781	788	rBV	158813	132218	2.19%	0.199%
6	6.857	808	811	815	rVB	2426487	1869954	30.99%	2.814%
7	7.422	901	907	910	rBV	3471008	3270864	54.21%	4.923%
8	8.139	1025	1029	1032	rBV	2860476	2601694	43.12%	3.916%
9	8.163	1032	1033	1036	rVB	454260	235949	3.91%	0.355%
10	8.851	1147	1150	1153	rVB	98124	77177	1.28%	0.116%
11	9.222	1207	1213	1216	rBV	6514973	5926934	98.23%	8.920%
12	9.610	1276	1279	1283	rVB	619825	464794	7.70%	0.700%
13	9.898	1321	1328	1331	rBV	3416505	2856748	47.35%	4.300%
14	10.098	1359	1362	1366	rBV	207819	165092	2.74%	0.248%
15	10.439	1417	1420	1425	rBV	268861	226707	3.76%	0.341%
16	10.680	1457	1461	1465	rBV	3940914	3668007	60.79%	5.521%
17	10.804	1479	1482	1490	rVB4	77243	109536	1.82%	0.165%
18	11.180	1544	1546	1551	rVB	93560	85601	1.42%	0.129%
19	11.274	1560	1562	1568	rVB	151147	153491	2.54%	0.231%
20	11.380	1575	1580	1582	rBV	3149006	2948734	48.87%	4.438%
21	11.404	1582	1584	1588	rVV	2706039	2241026	37.14%	3.373%
22	11.457	1590	1593	1596	rVV	616590	495042	8.20%	0.745%
23	11.486	1596	1598	1602	rVB	71581	63767	1.06%	0.096%
24	11.610	1613	1619	1621	rBV2	402683	427551	7.09%	0.643%
25	11.680	1626	1631	1634	rBV3	104054	105240	1.74%	0.158%
26	11.880	1660	1665	1667	rBV	223434	212440	3.52%	0.320%
27	11.910	1667	1670	1675	rVV	956009	916956	15.20%	1.380%
28	11.957	1675	1678	1681	rVV	132073	136761	2.27%	0.206%
29	11.992	1681	1684	1687	rVV	359724	387333	6.42%	0.583%
30	12.016	1687	1688	1693	rVB	146978	90440	1.50%	0.136%
31	12.086	1697	1700	1703	rBV2	111579	100873	1.67%	0.152%
32	12.180	1713	1716	1717	rBV	183017	159772	2.65%	0.240%
33	12.198	1717	1719	1722	rVB	102195	82434	1.37%	0.124%
34	12.433	1755	1759	1762	rBV	99856	106077	1.76%	0.160%

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35	12.474	1762	1766	1770	rVV4	94140	119266	1.98%	0.180%
36	12.516	1770	1773	1778	rVB2	83748	99297	1.65%	0.149%
37	12.592	1782	1786	1790	rBV	2634217	2228633	36.94%	3.354%
38	12.651	1792	1796	1800	rVB3	45651	73993	1.23%	0.111%
39	12.692	1800	1803	1809	rBV3	122920	196377	3.25%	0.296%
40	12.821	1819	1825	1828	rBV2	1914744	1936435	32.09%	2.914%
41	12.868	1831	1833	1838	rVB2	93514	95081	1.58%	0.143%
42	12.939	1842	1845	1846	rBV	144211	109263	1.81%	0.164%
43	12.968	1846	1850	1854	rVB	6423394	6033478	100.00%	9.081%
44	13.039	1857	1862	1865	rBV3	115454	197983	3.28%	0.298%
45	13.068	1865	1867	1870	rVB	76119	62387	1.03%	0.094%
46	13.127	1870	1877	1878	rBV4	100855	143317	2.38%	0.216%
47	13.151	1878	1881	1884	rVB	290300	257385	4.27%	0.387%
48	13.216	1888	1892	1895	rBV2	229344	210557	3.49%	0.317%
49	13.251	1895	1898	1902	rVV2	172558	171050	2.84%	0.257%
50	13.374	1916	1919	1923	rVB2	78109	72154	1.20%	0.109%
51	13.451	1929	1932	1941	rVB6	51570	89227	1.48%	0.134%
52	13.551	1942	1949	1951	rBV6	85275	150836	2.50%	0.227%
53	13.651	1964	1966	1971	rVB	96986	128630	2.13%	0.194%
54	13.768	1981	1986	1988	rBV3	125875	156110	2.59%	0.235%
55	13.798	1988	1991	1993	rVV	145106	130539	2.16%	0.196%
56	13.816	1993	1994	1999	rVV2	100038	151750	2.52%	0.228%
57	13.863	1999	2002	2009	rVB2	1133009	1212624	20.10%	1.825%
58	14.021	2023	2029	2031	rBV2	2593889	3203230	53.09%	4.821%
59	14.045	2031	2033	2038	rVB	785912	673003	11.15%	1.013%
60	14.204	2056	2060	2063	rVV2	82204	105530	1.75%	0.159%
61	14.239	2063	2066	2069	rVB2	80987	87238	1.45%	0.131%
62	14.404	2091	2094	2097	rVB	125902	113350	1.88%	0.171%
63	14.439	2097	2100	2103	rVB	78120	72662	1.20%	0.109%
64	14.498	2107	2110	2113	rBV2	217992	222478	3.69%	0.335%
65	14.786	2156	2159	2161	rBV	189620	205133	3.40%	0.309%
66	14.886	2173	2176	2180	rVB3	110722	133391	2.21%	0.201%
67	14.951	2184	2187	2192	rVB3	212362	240831	3.99%	0.362%
68	15.057	2201	2205	2208	rBV	509151	779700	12.92%	1.174%
69	15.168	2217	2224	2230	rBV4	299772	533293	8.84%	0.803%
70	15.357	2253	2256	2262	rVB	278629	348866	5.78%	0.525%
71	15.421	2263	2267	2272	rBV	419973	506701	8.40%	0.763%

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Smoothing : ON Filtering: 5
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72	15.486	2273	2278	2282	rBV	1612609	1969389	32.64%	2.964%
73	15.974	2356	2361	2365	rBV	149907	236356	3.92%	0.356%
74	16.021	2365	2369	2377	rVB3	167647	321270	5.32%	0.484%
75	16.939	2520	2525	2536	rBV2	178953	366838	6.08%	0.552%
76	17.374	2595	2599	2613	rVB	134098	315940	5.24%	0.476%

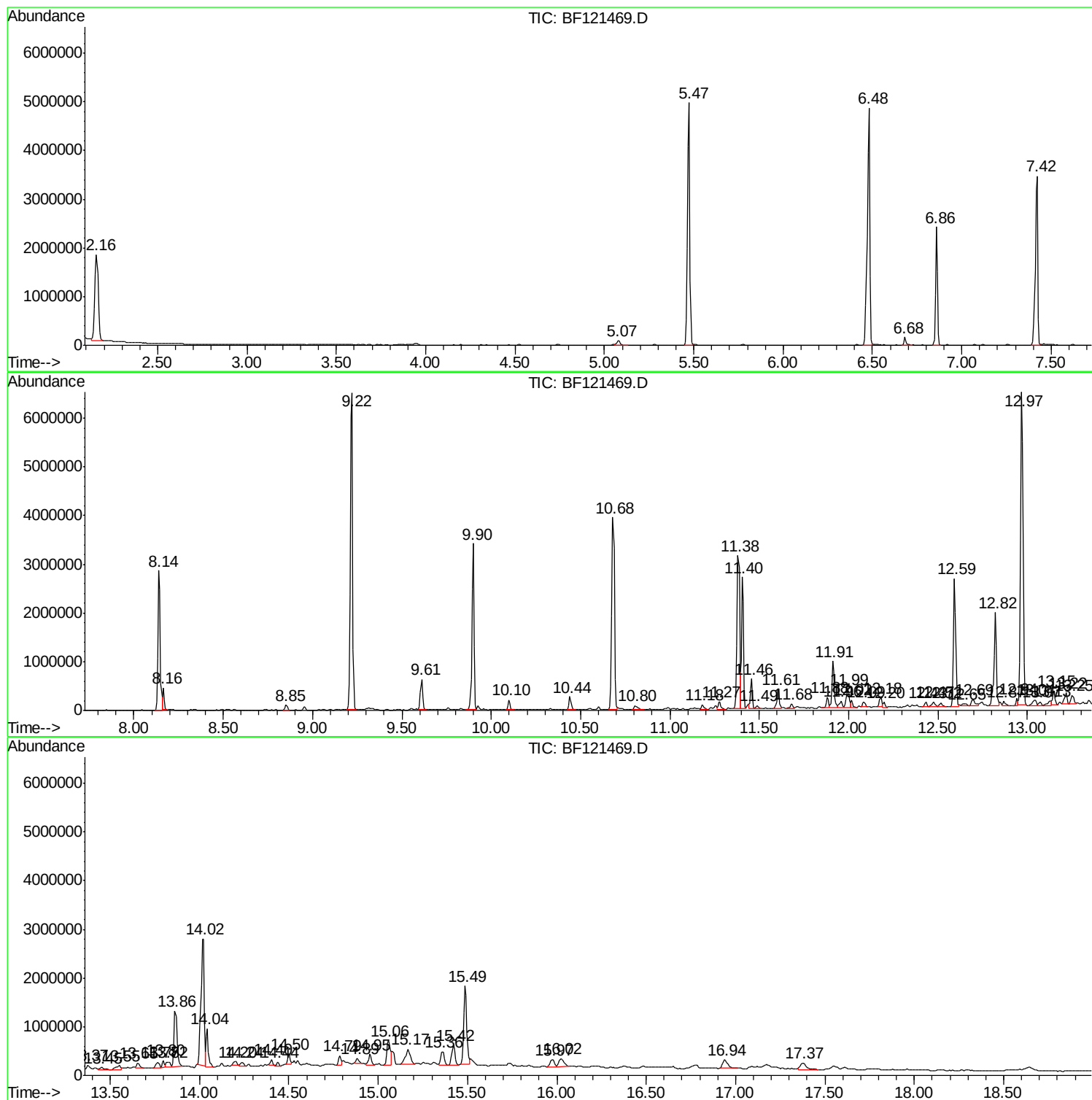
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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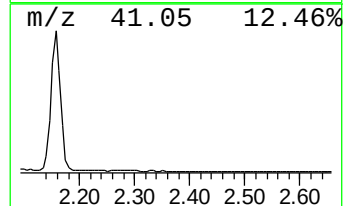
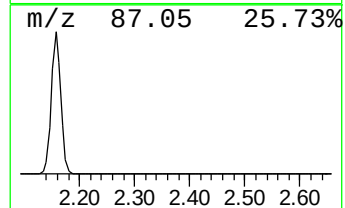
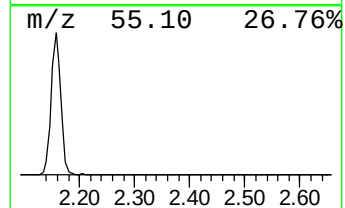
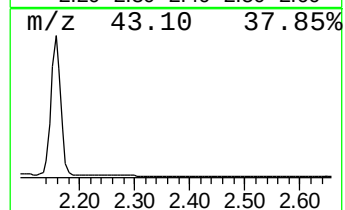
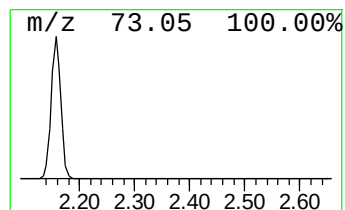
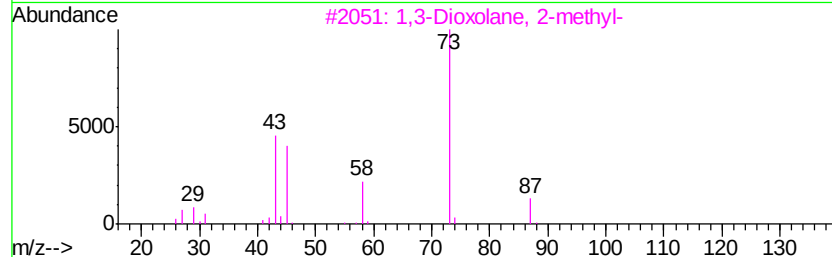
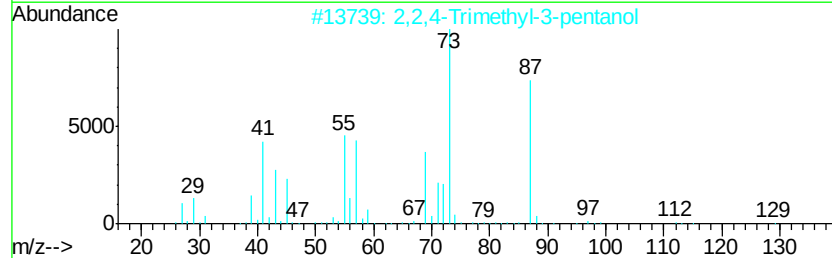
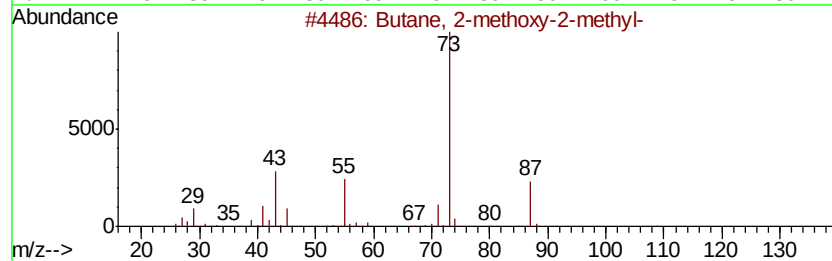
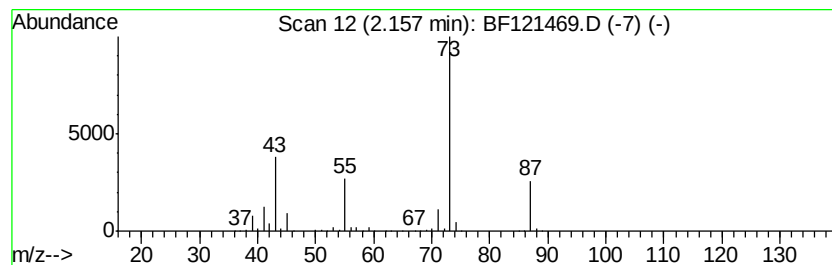
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	23.45 ng	2192320	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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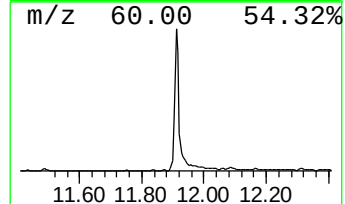
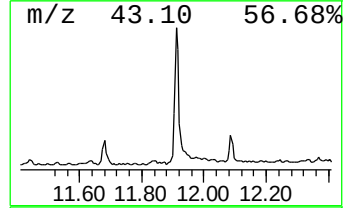
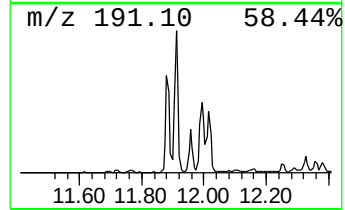
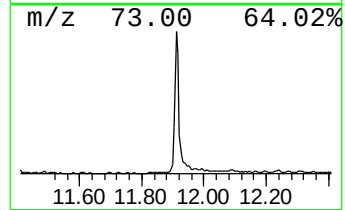
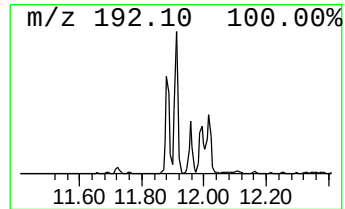
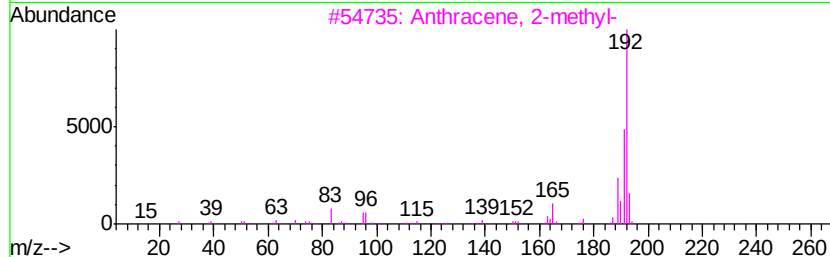
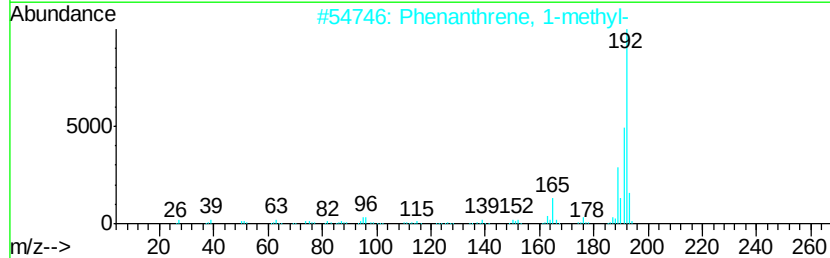
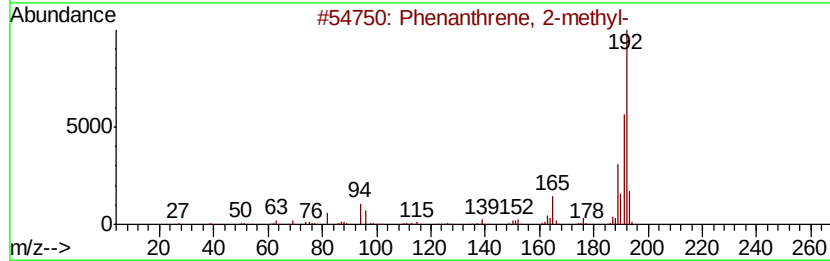
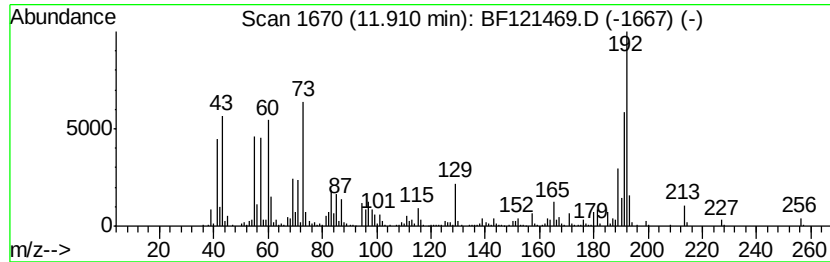
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.91	6.22 ng	916956	Phenanthrene-d10		11.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91



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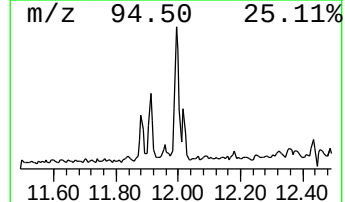
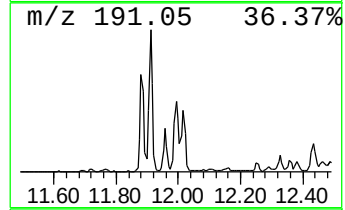
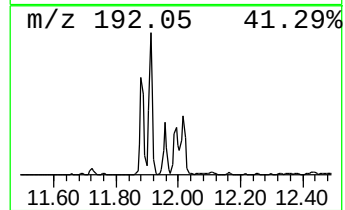
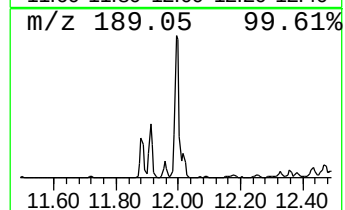
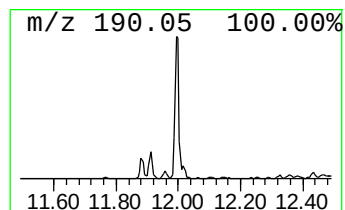
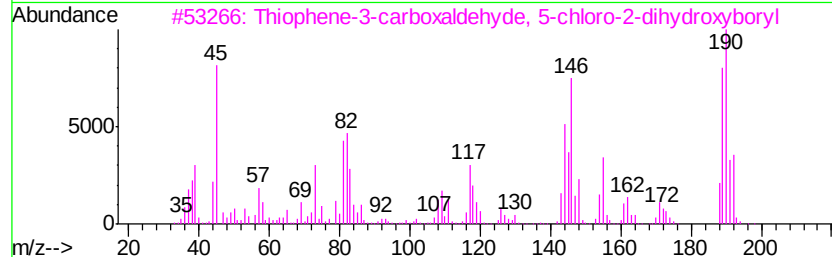
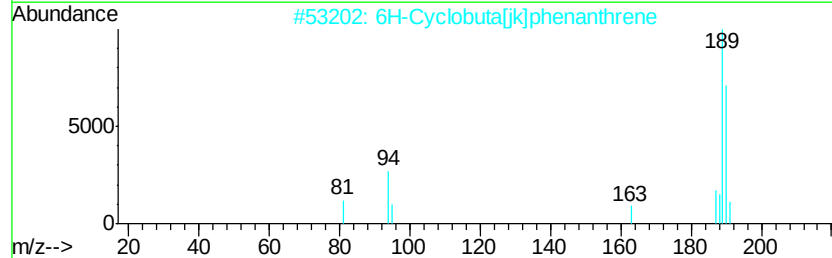
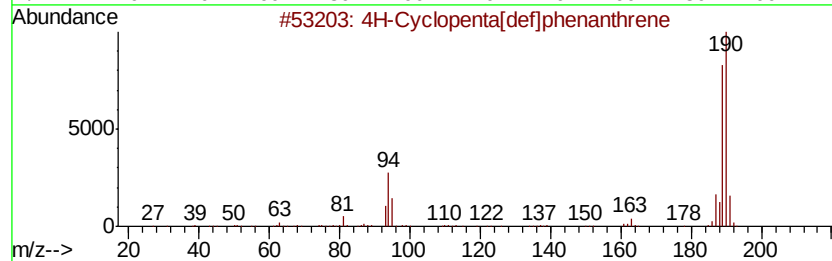
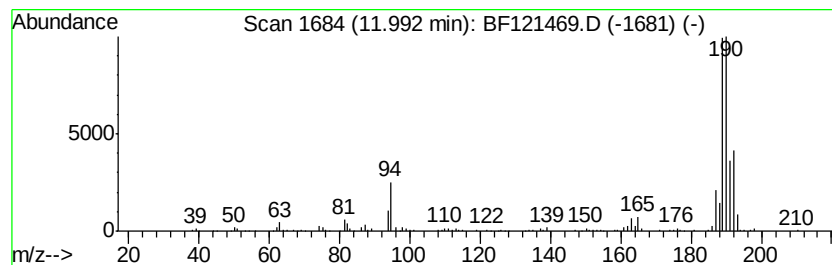
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	2.63 ng	387333	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Carbonic acid, 2-formyl-4,6-dichloro-5-hydroxy-3-oxo-1,2,4-triazole-5-carboxylic acid	276	C11H10Cl2O4	1000331-39-3	17



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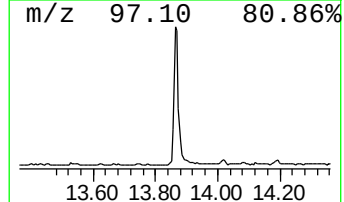
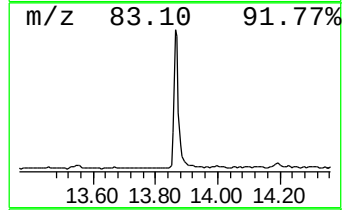
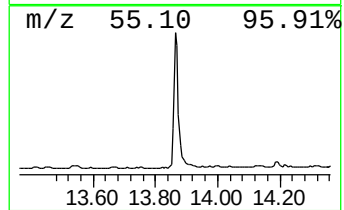
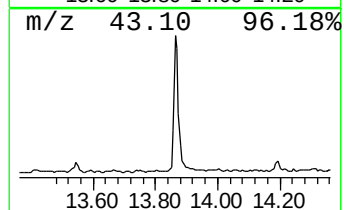
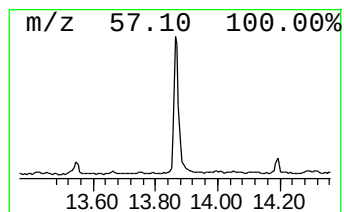
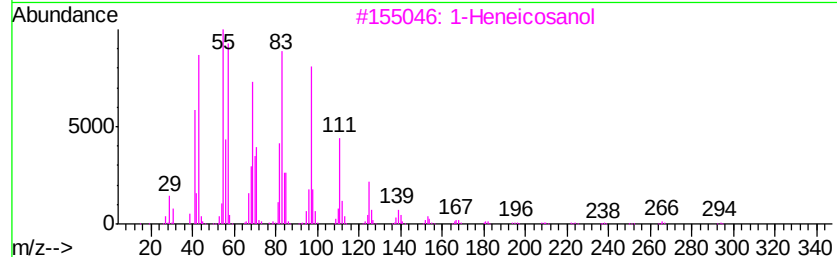
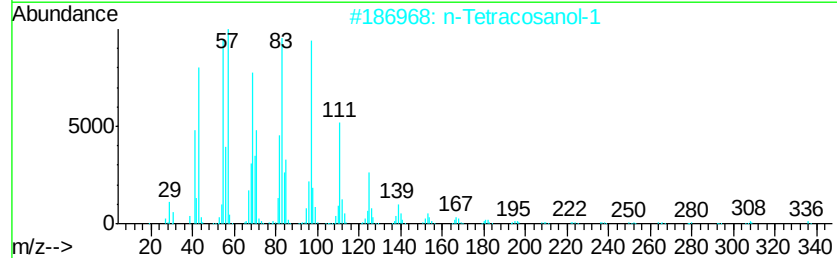
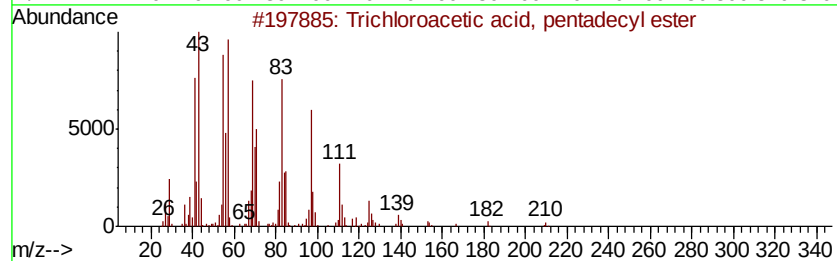
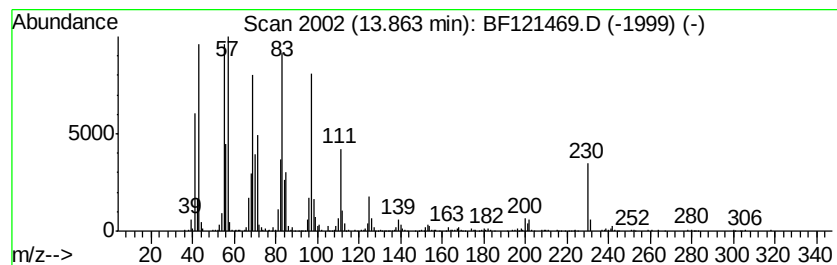
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.57 ng	1212620	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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Acq On : 28 Aug 2020 20:03
Operator : JU/CG
Sample : L3837-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

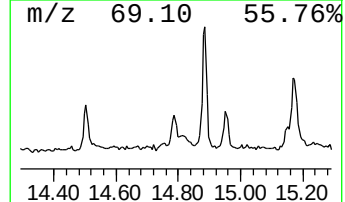
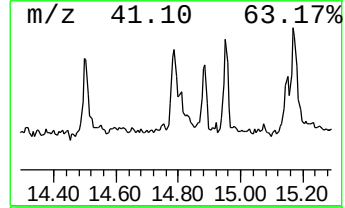
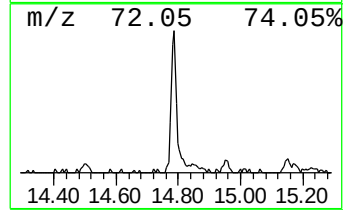
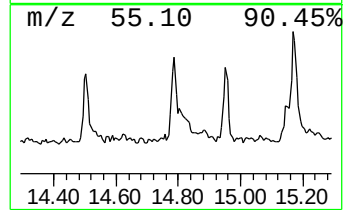
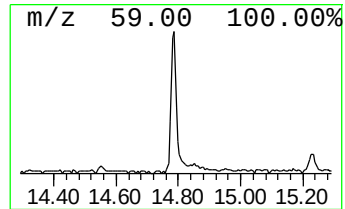
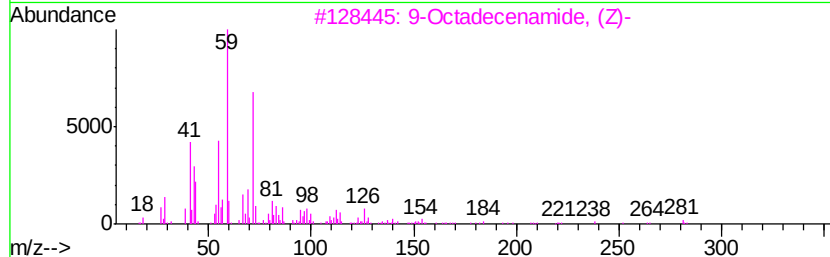
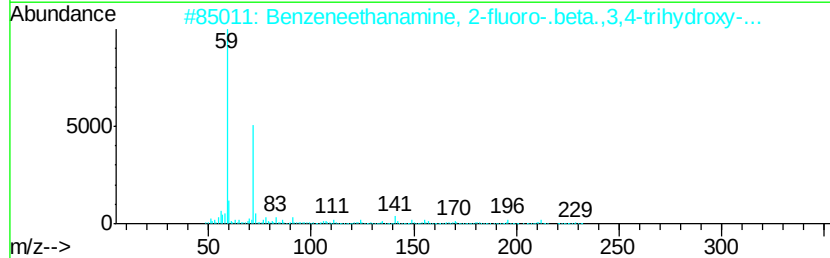
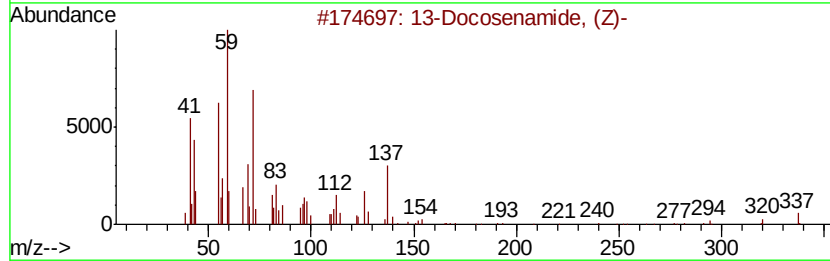
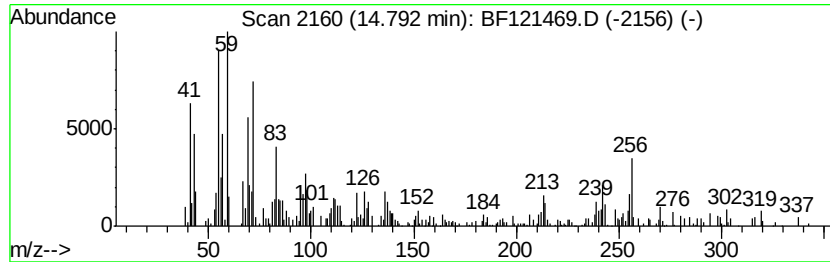
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.08 ng	205133	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		13-Docosenamide, (Z)-	337 C22H43NO	000112-84-5 72
2		Benzeneethanamine, 2-fluoro-.bet...	229 C11H16FN03	061338-98-5 60
3		9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0 53
4		1-Phenyl-9-thioureido-3,6-diazah...	302 C16H22N4S	153464-71-2 38
5		trans-13-Docosenamide	337 C22H43NO	010436-09-6 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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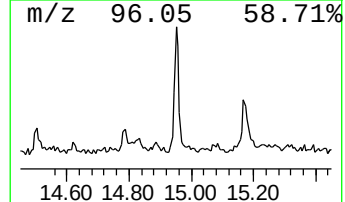
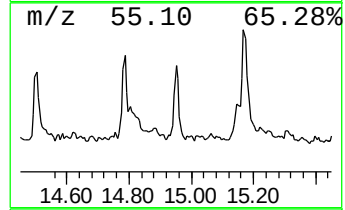
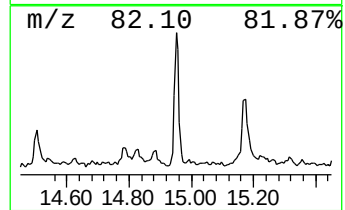
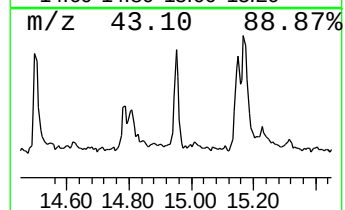
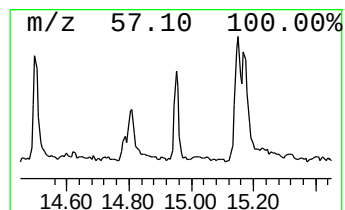
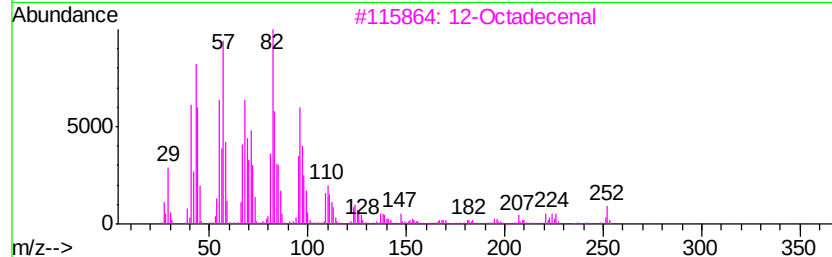
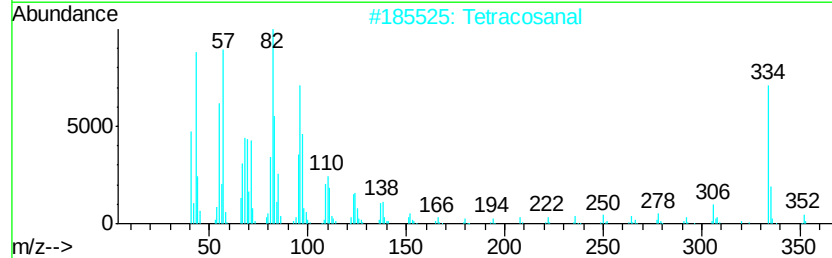
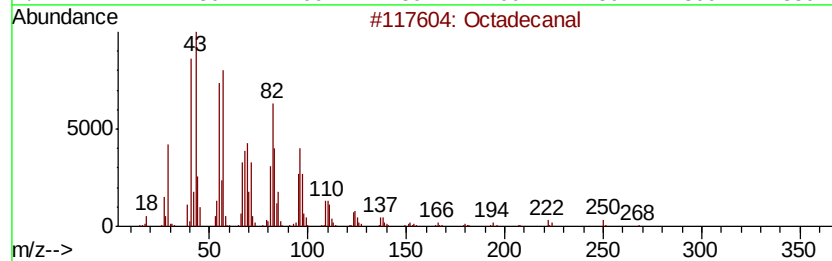
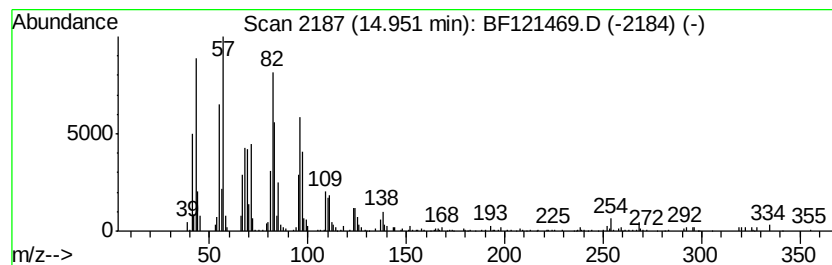
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.95	2.45 ng	240831	Perylene-d12		15.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Tetracosanal	352	C24H48O	057866-08-7	90
3	12-Octadecenal	266	C18H34O	056554-91-7	86
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
5	1,19-Eicosadiene	278	C20H38	014811-95-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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Misc :
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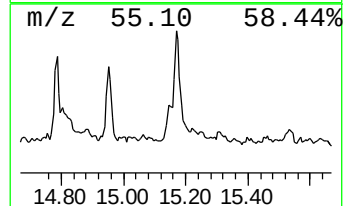
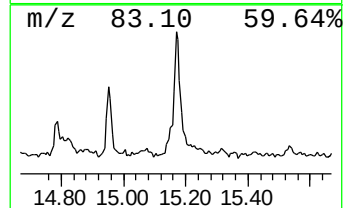
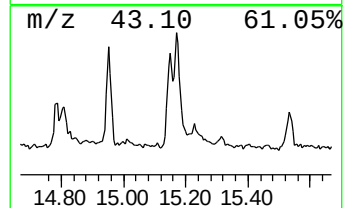
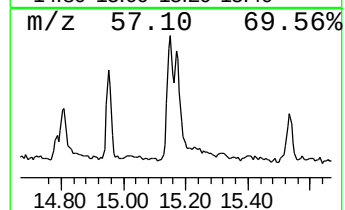
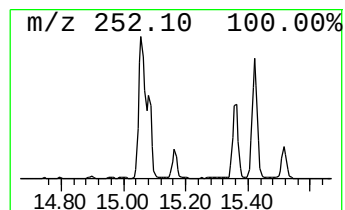
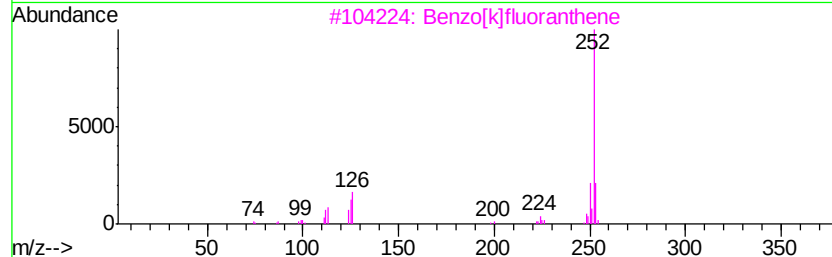
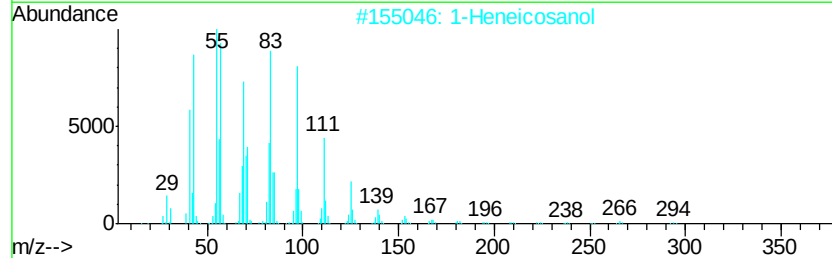
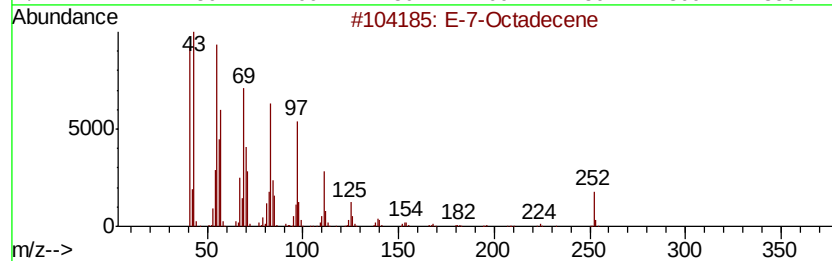
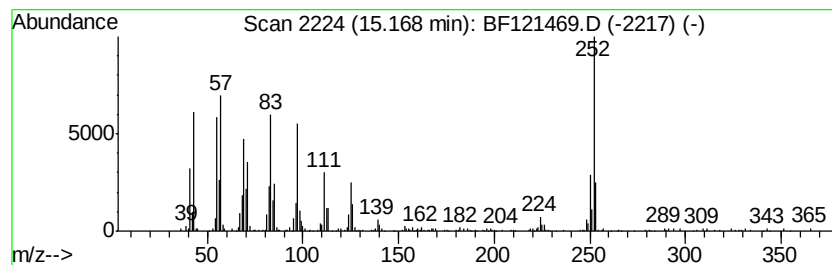
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 E-7-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.42 ng	533293	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-7-Octadecene	252 C18H36	1000130-92-0	90
2	1-Heneicosanol	312 C21H44O	015594-90-8	81
3	Benzo[k]fluoranthene	252 C20H12	000207-08-9	66
4	Benzo[e]pyrene	252 C20H12	000192-97-2	56
5	Benzo[a]pyrene	252 C20H12	000050-32-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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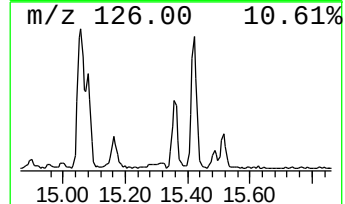
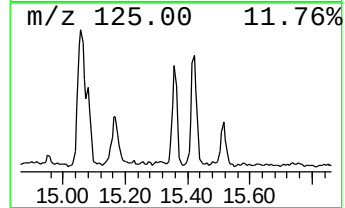
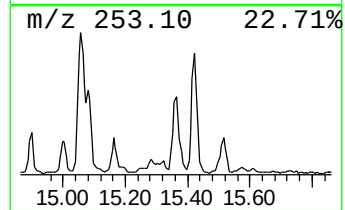
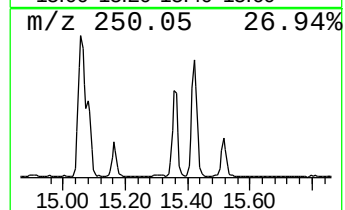
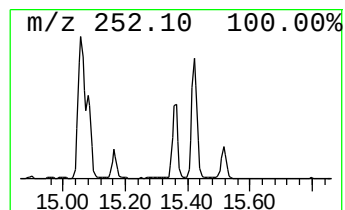
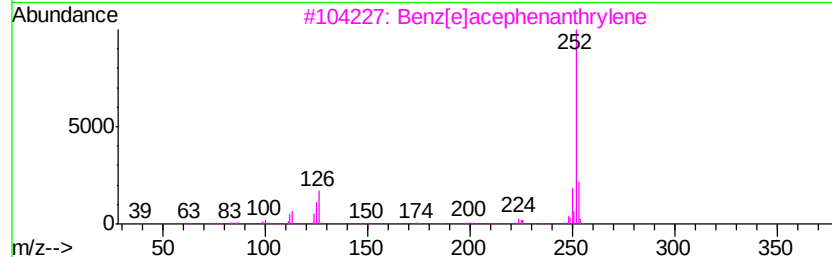
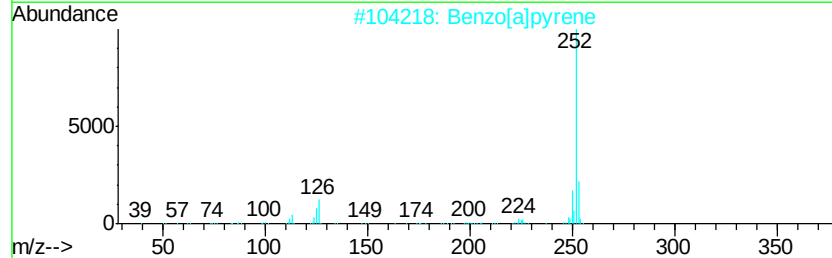
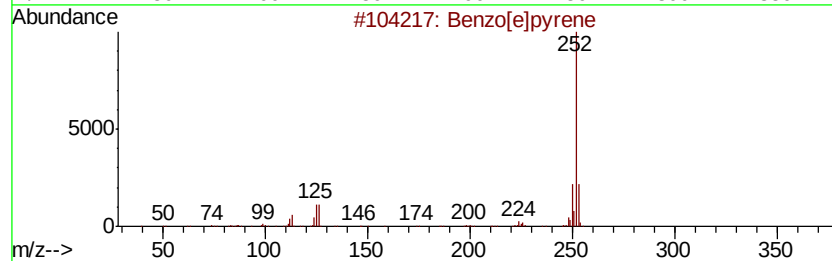
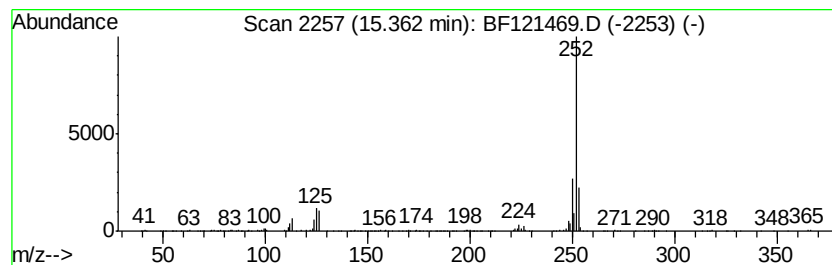
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.54 ng	348866	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Perylene	252	C20H12	000198-55-0	93



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Data File : BF121469.D
Acq On : 28 Aug 2020 20:03
Operator : JU/CG
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Misc :
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Instrument :
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ClientSampleId :
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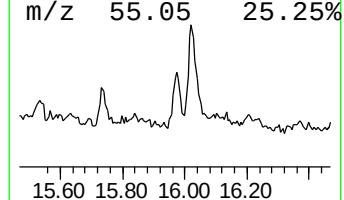
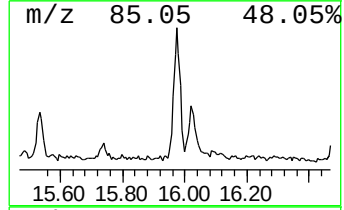
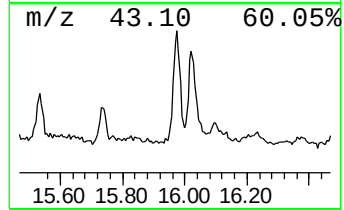
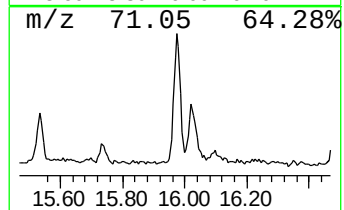
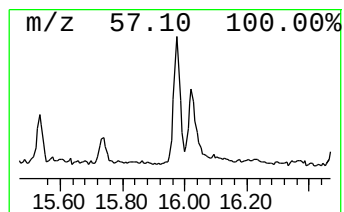
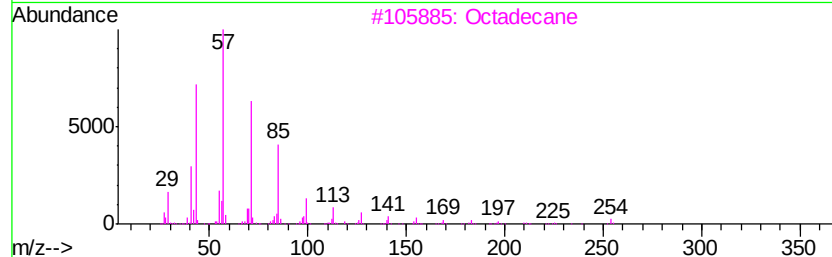
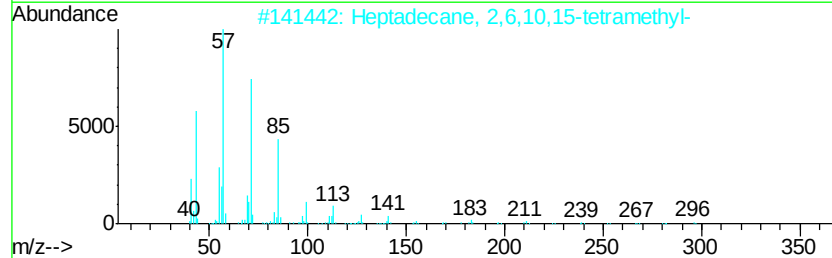
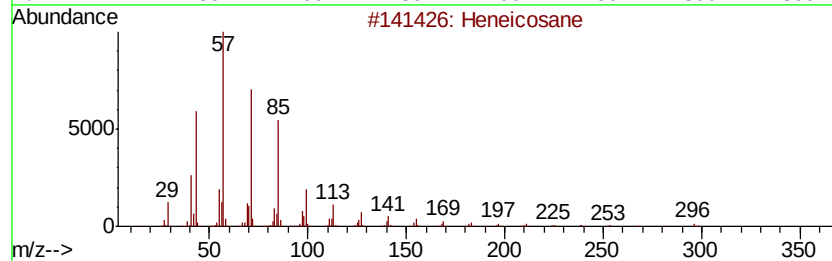
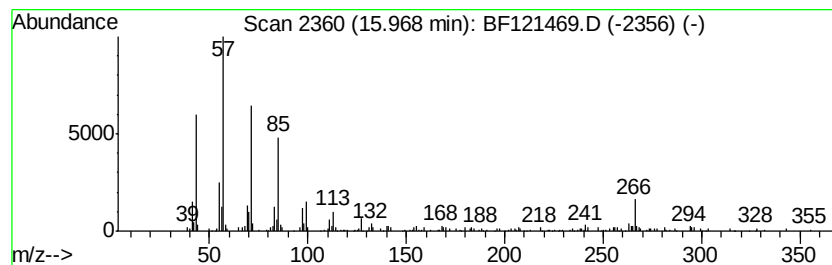
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.40 ng	236356	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	93
3	Octadecane		254	C18H38	000593-45-3	91
4	Tetracosane		338	C24H50	000646-31-1	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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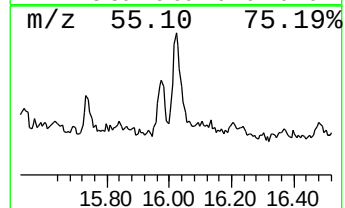
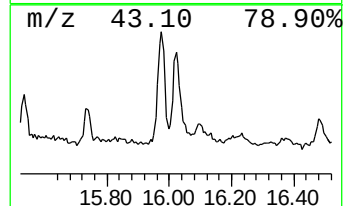
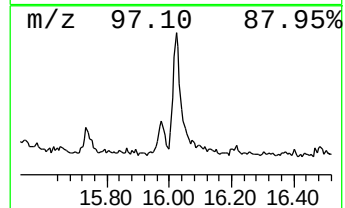
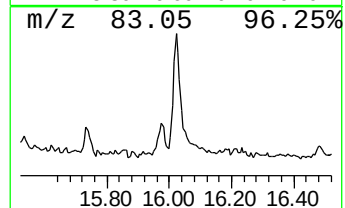
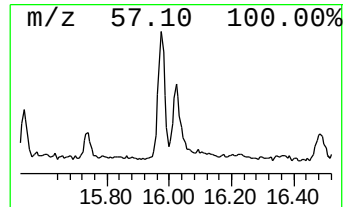
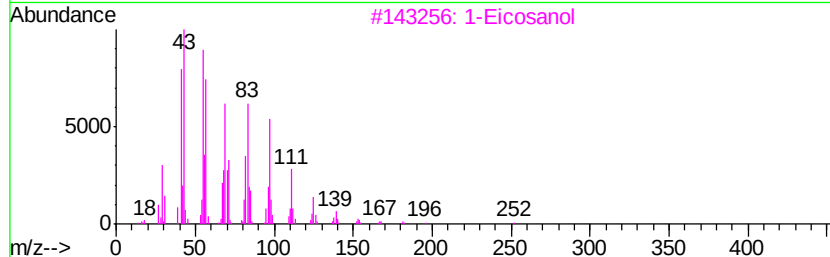
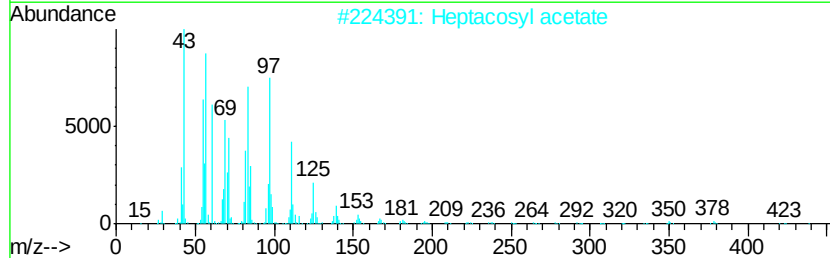
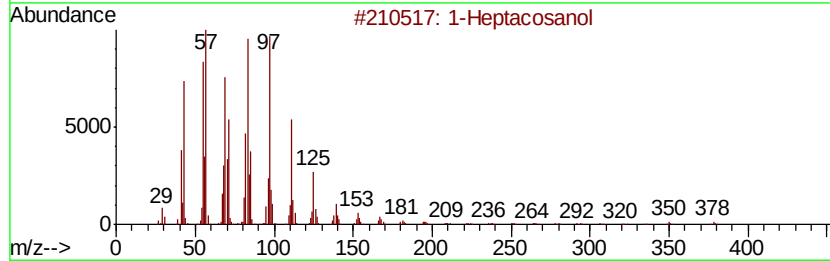
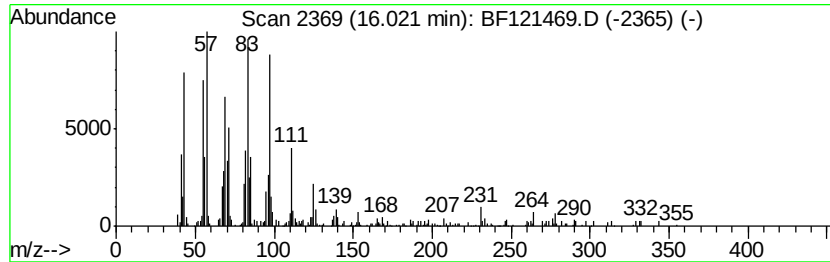
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.02	3.26 ng	321270	Perylene-d12		15.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
3	1-Eicosanol	298	C20H42O	000629-96-9	90
4	Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	87
5	Acetic acid, chloro-, hexadecyl ester	318	C18H35ClO2	052132-58-8	87



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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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
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Phenanthrene, 2-m...	11.91	6.2	ng	916956	4	11.38	2948730	20.0
4H-Cyclopenta[def...	11.99	2.6	ng	387333	4	11.38	2948730	20.0
Trichloroacetic a...	13.86	7.6	ng	1212620	5	14.02	3203230	20.0
13-Docosenamide, ...	14.79	2.1	ng	205133	6	15.49	1969390	20.0
Octadecanal	14.95	2.5	ng	240831	6	15.49	1969390	20.0
E-7-Octadecene	15.17	5.4	ng	533293	6	15.49	1969390	20.0
Benzo[e]pyrene	15.36	3.5	ng	348866	6	15.49	1969390	20.0
Heneicosane	15.97	2.4	ng	236356	6	15.49	1969390	20.0
1-Heptacosanol	16.02	3.3	ng	321270	6	15.49	1969390	20.0