

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115302.D
 Acq On : 29 Jun 2019 00:35
 Operator : HP/JU
 Sample : K3528-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

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-BF062119.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	4.431	419	424	429	rVB	118178	141481	2.83%	0.240%
2	5.196	548	554	557	rBV	3910080	3962213	79.30%	6.726%
3	6.237	726	731	734	rBV	3947475	4167104	83.40%	7.073%
4	6.260	734	735	742	rVB	113131	100013	2.00%	0.170%
5	6.366	748	753	756	rBV	4624400	4336651	86.79%	7.361%
6	6.595	789	792	796	rBV	1918239	1551294	31.05%	2.633%
7	6.754	815	819	822	rBV	4281314	3538798	70.83%	6.007%
8	7.160	883	888	891	rBV	2745926	2700955	54.06%	4.585%
9	7.601	956	963	966	rBV	107437	161360	3.23%	0.274%
10	7.878	1006	1010	1013	rBV	2557569	2017071	40.37%	3.424%
11	8.954	1189	1193	1196	rBV	5848559	4976949	99.61%	8.448%
12	9.348	1257	1260	1267	rVB	805971	625546	12.52%	1.062%
13	9.478	1280	1282	1288	rVB	69179	62059	1.24%	0.105%
14	9.625	1303	1307	1310	rBV	2506374	2336252	46.76%	3.966%
15	10.401	1435	1439	1443	rBV	3433113	3207256	64.19%	5.444%
16	10.619	1473	1476	1483	rBV4	79613	93430	1.87%	0.159%
17	11.095	1553	1557	1559	rBV	2741912	2440109	48.84%	4.142%
18	11.113	1559	1560	1564	rVB	511497	368842	7.38%	0.626%
19	11.166	1564	1569	1573	rVB	119611	129842	2.60%	0.220%
20	11.572	1635	1638	1640	rBV2	63477	76122	1.52%	0.129%
21	11.619	1640	1646	1648	rVV2	160515	309244	6.19%	0.525%
22	11.648	1648	1651	1657	rVV	1207821	1205227	24.12%	2.046%
23	11.701	1657	1660	1662	rVV	180122	190232	3.81%	0.323%
24	11.725	1662	1664	1670	rVB	78372	75251	1.51%	0.128%
25	11.819	1678	1680	1683	rBV2	60365	59020	1.18%	0.100%
26	11.889	1689	1692	1693	rBV	65827	60723	1.22%	0.103%
27	11.901	1693	1694	1699	rVB2	83830	71008	1.42%	0.121%
28	12.136	1731	1734	1737	rBV2	63099	73538	1.47%	0.125%
29	12.213	1742	1747	1754	rVB5	71193	126691	2.54%	0.215%
30	12.295	1757	1761	1765	rBV	1466866	1205232	24.12%	2.046%
31	12.348	1765	1770	1775	rBV4	104511	207517	4.15%	0.352%
32	12.424	1780	1783	1792	rBV3	486238	564182	11.29%	0.958%
33	12.519	1794	1799	1802	rBV	1330194	1218872	24.39%	2.069%
34	12.677	1822	1826	1829	rBV	5384461	4996476	100.00%	8.481%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.748	1832	1838	1840	rBV2	80665	125115	2.50%	0.212%
36	12.848	1853	1855	1859	rVB	143959	132262	2.65%	0.225%
37	12.913	1864	1866	1868	rBV	85139	81332	1.63%	0.138%
38	12.954	1870	1873	1875	rVB	94490	94276	1.89%	0.160%
39	13.072	1891	1893	1897	rBV2	66813	60628	1.21%	0.103%
40	13.154	1903	1907	1911	rBV3	65684	85316	1.71%	0.145%
41	13.224	1916	1919	1921	rBV2	64322	67703	1.36%	0.115%
42	13.271	1925	1927	1930	rVB	64930	60583	1.21%	0.103%
43	13.348	1937	1940	1945	rVB	109567	119360	2.39%	0.203%
44	13.460	1955	1959	1962	rBV2	163273	191522	3.83%	0.325%
45	13.489	1962	1964	1966	rBV	74277	61272	1.23%	0.104%
46	13.554	1972	1975	1980	rVB2	127341	138551	2.77%	0.235%
47	13.624	1980	1987	1994	rBV5	155898	482701	9.66%	0.819%
48	13.713	1997	2002	2005	rBV2	2542323	3146735	62.98%	5.341%
49	13.919	2034	2037	2039	rBV2	81713	74997	1.50%	0.127%
50	14.095	2065	2067	2070	rVB	108984	87743	1.76%	0.149%
51	14.130	2070	2073	2076	rBV2	97981	91622	1.83%	0.156%
52	14.218	2085	2088	2090	rBV	225385	204409	4.09%	0.347%
53	14.513	2135	2138	2141	rVB	206114	174764	3.50%	0.297%
54	14.577	2145	2149	2153	rVB2	369904	387752	7.76%	0.658%
55	14.701	2166	2170	2173	rBV	773296	1072986	21.47%	1.821%
56	14.807	2184	2188	2193	rVB2	377651	497304	9.95%	0.844%
57	14.960	2211	2214	2220	rVB	419833	476364	9.53%	0.809%
58	15.013	2220	2223	2229	rVB	502422	545387	10.92%	0.926%
59	15.071	2229	2233	2237	rBV	1667592	1944110	38.91%	3.300%
60	15.142	2242	2245	2249	rVB	179055	181310	3.63%	0.308%
61	15.524	2306	2310	2314	rBV	175559	249819	5.00%	0.424%
62	16.330	2443	2447	2455	rVB2	247985	430828	8.62%	0.731%
63	16.701	2507	2510	2520	rVB	166286	288346	5.77%	0.489%

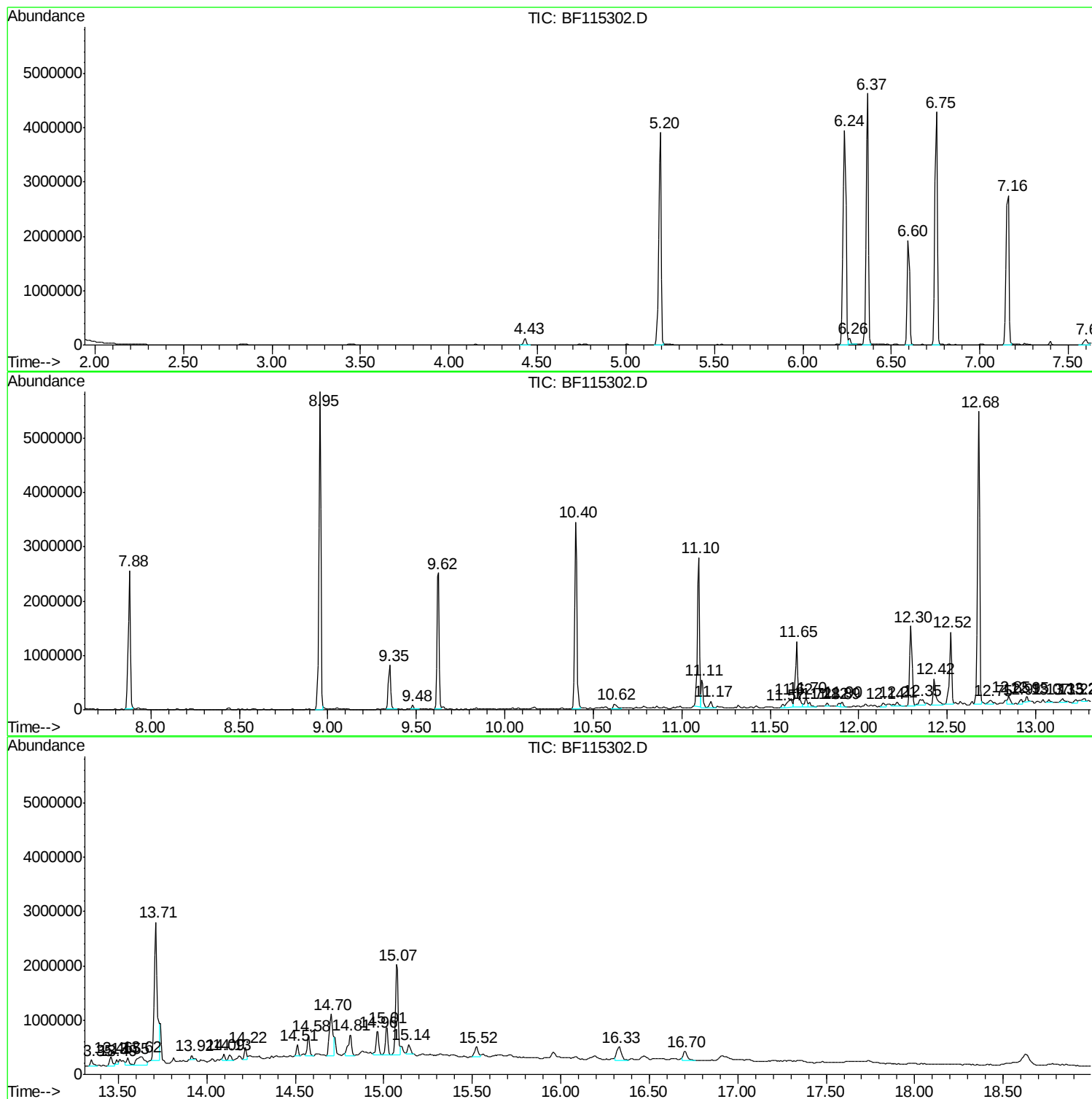
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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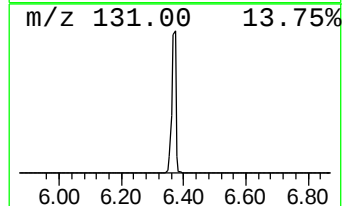
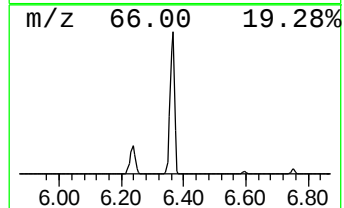
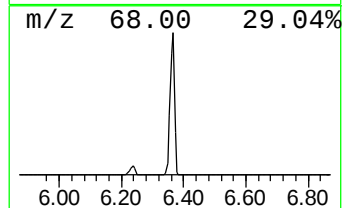
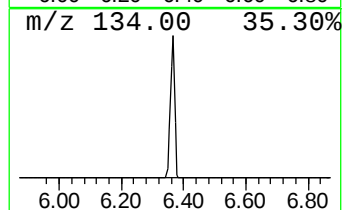
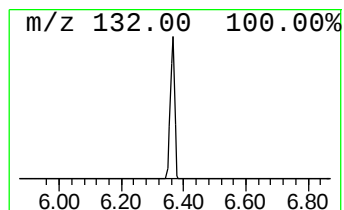
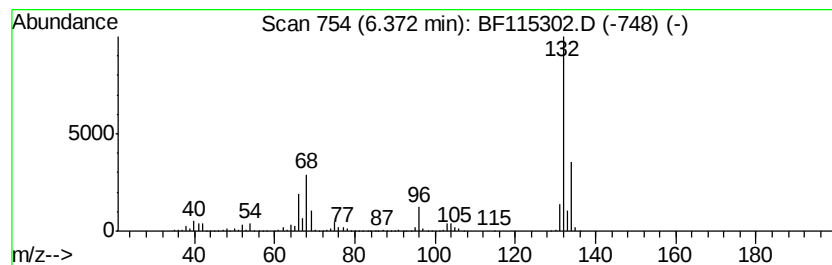
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	55.91 ng	4336650	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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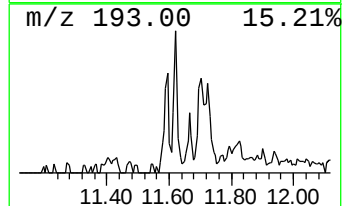
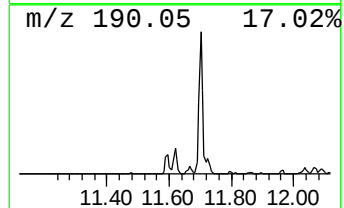
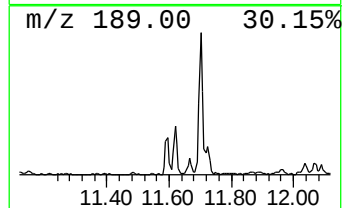
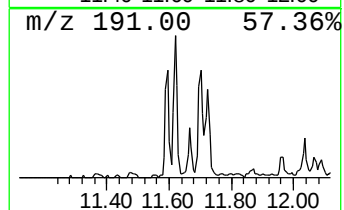
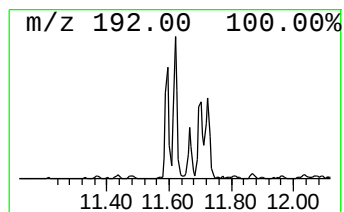
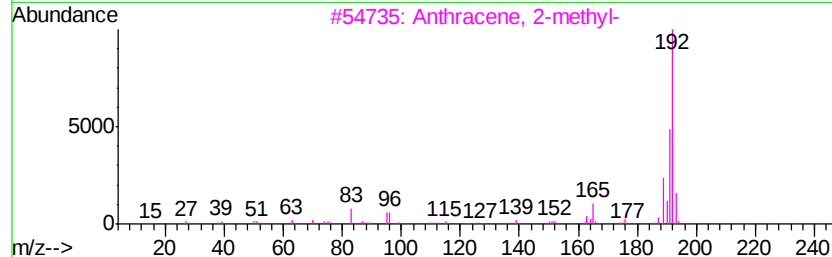
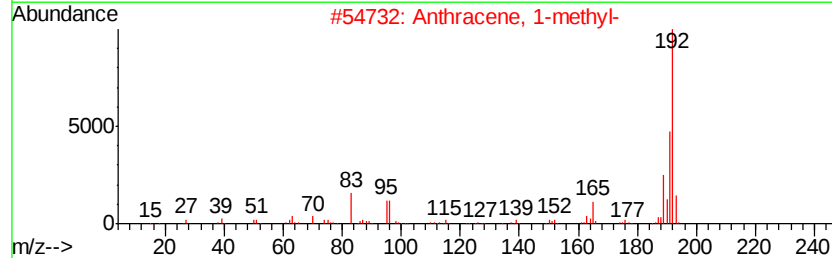
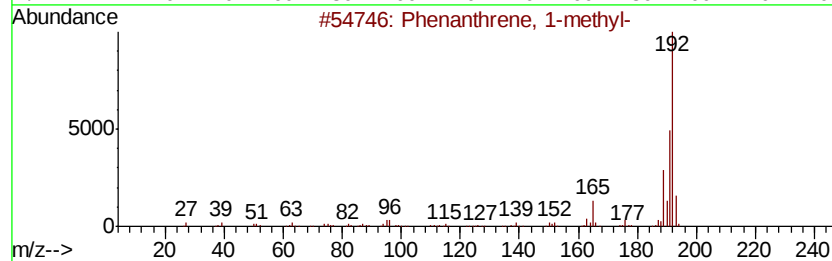
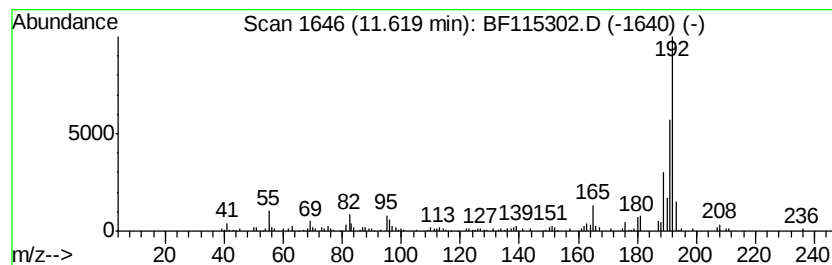
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.53 ng	309244	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



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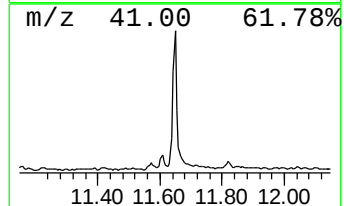
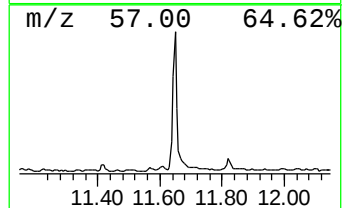
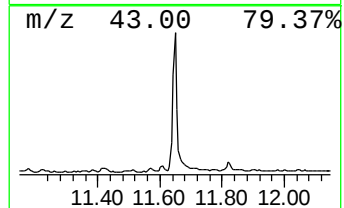
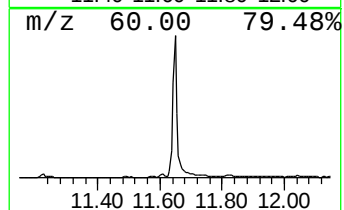
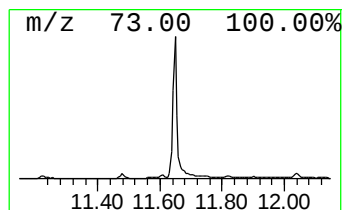
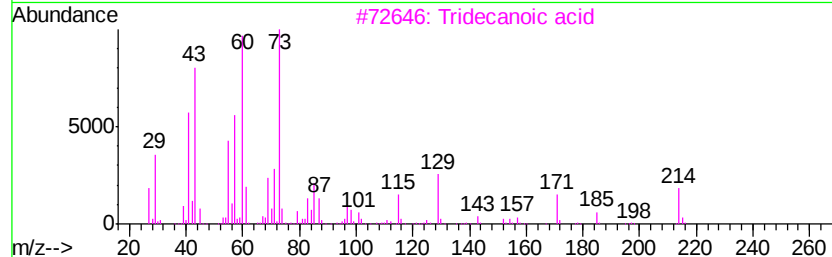
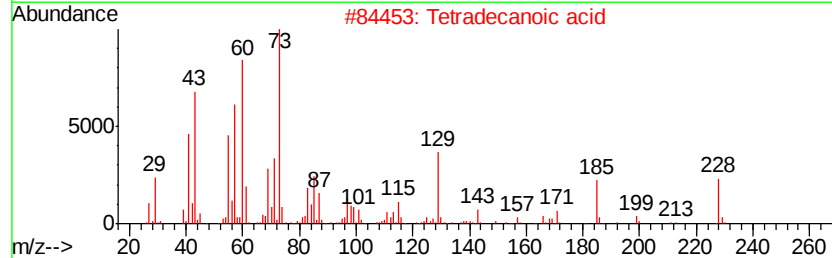
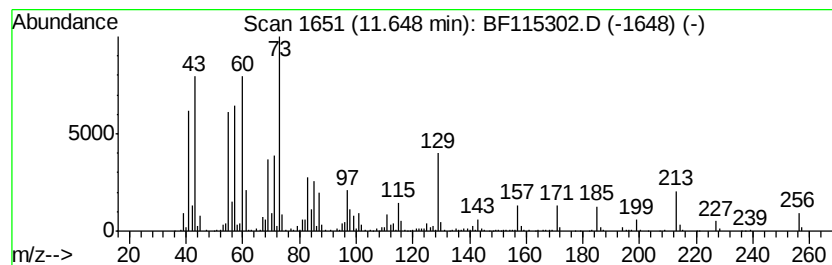
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	9.88 ng	1205230	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



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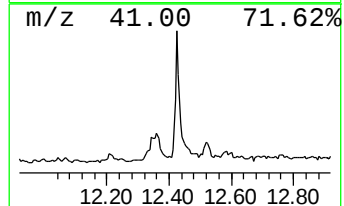
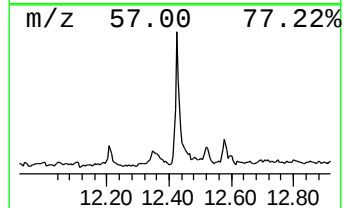
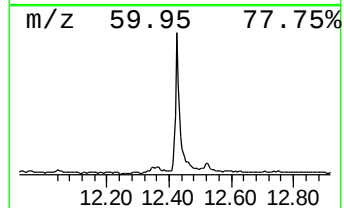
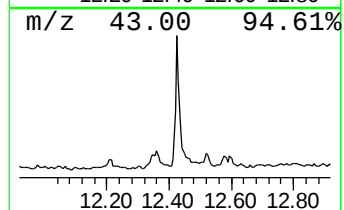
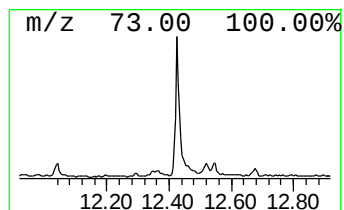
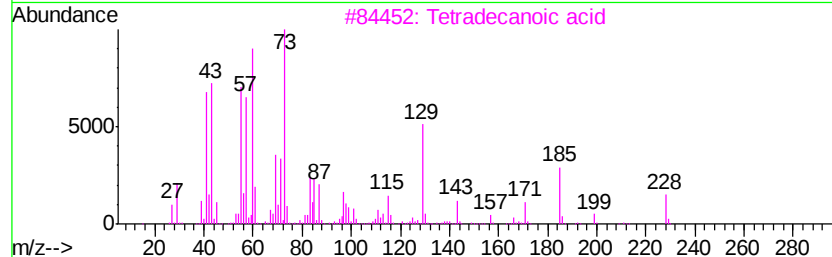
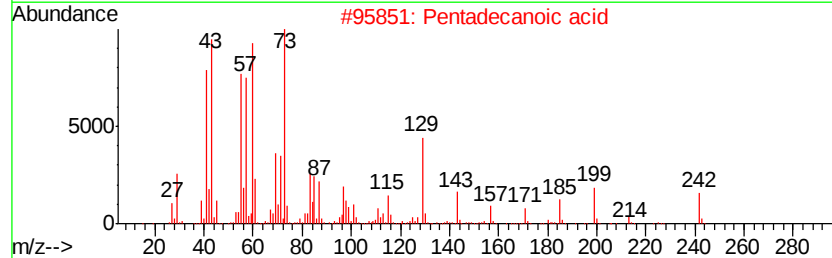
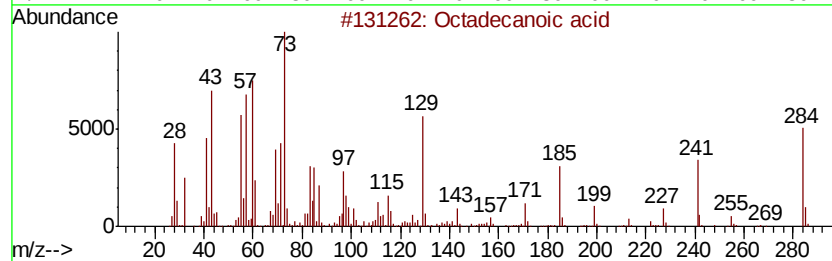
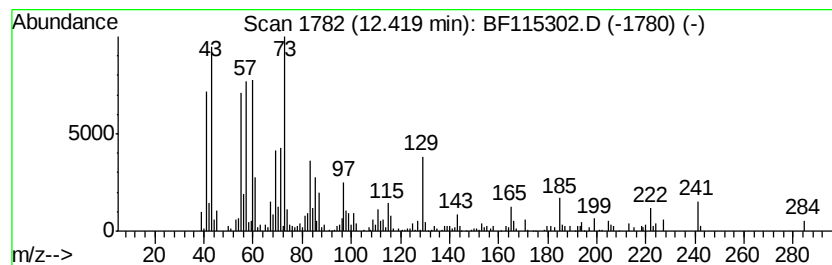
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.59 ng	564182	Chrysene-d12	13.71

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	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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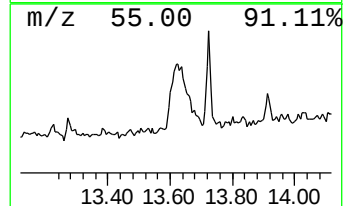
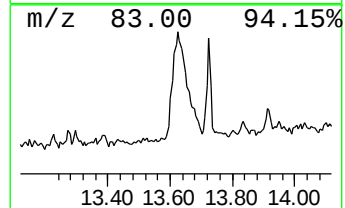
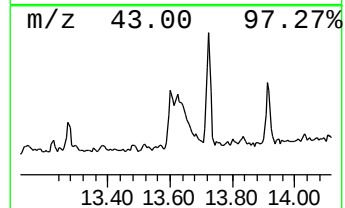
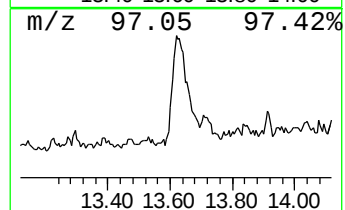
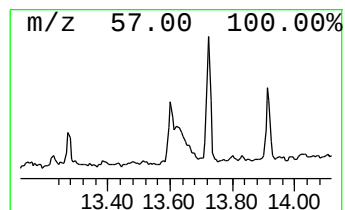
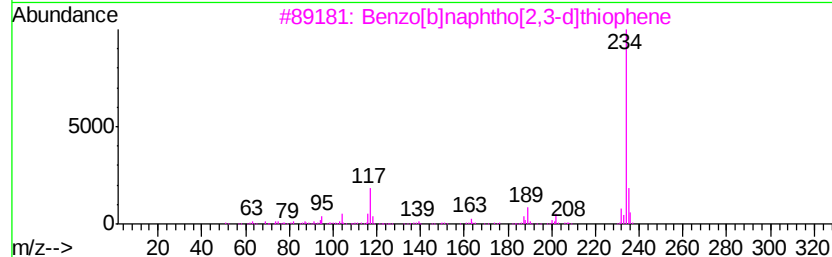
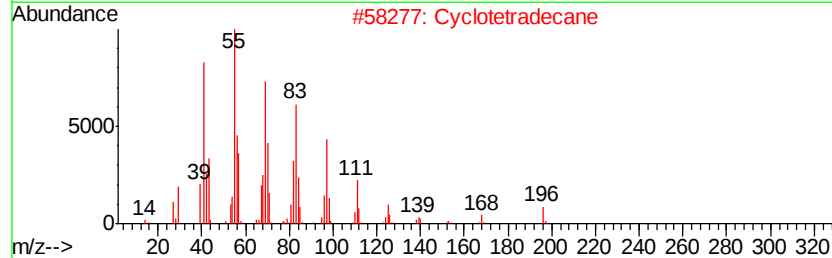
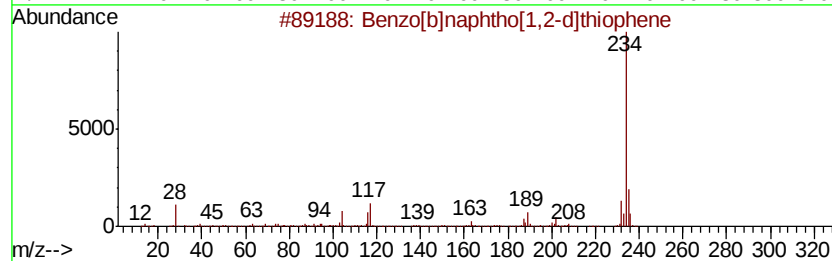
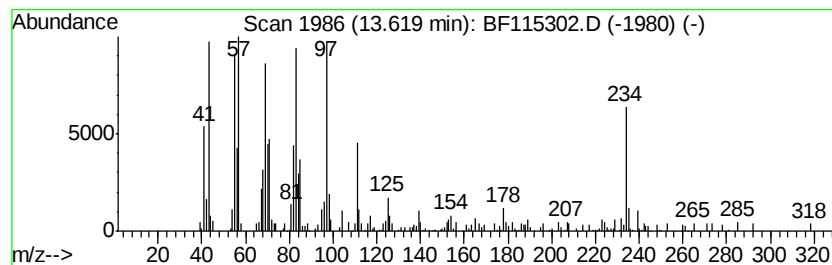
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ClientSampleId :
SB-09-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[b]naphtho[1,2-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.62	3.07 ng	482701	Chrysene-d12	13.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
2		Cyclotetradecane	196	C14H28	000295-17-0	84
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	56
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	55
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115302.D
Acq On : 29 Jun 2019 00:35
Operator : HP/JU
Sample : K3528-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

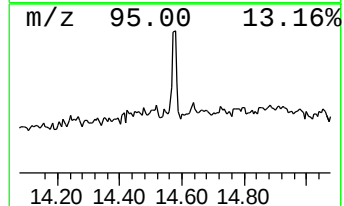
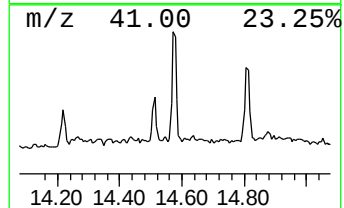
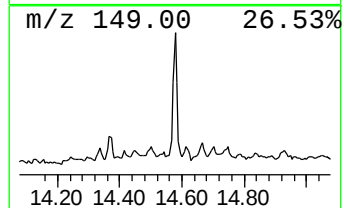
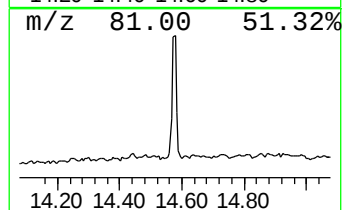
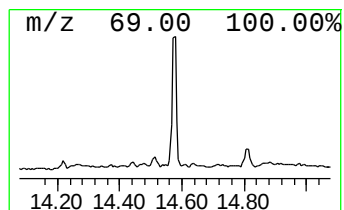
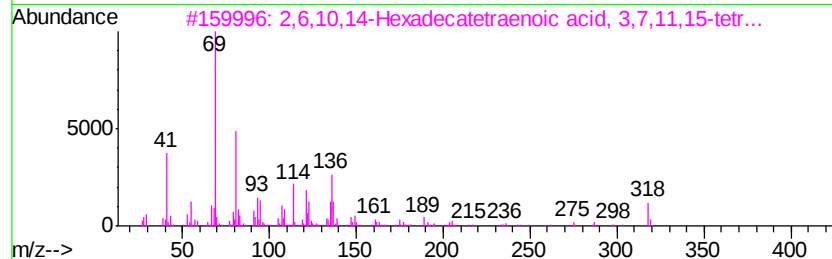
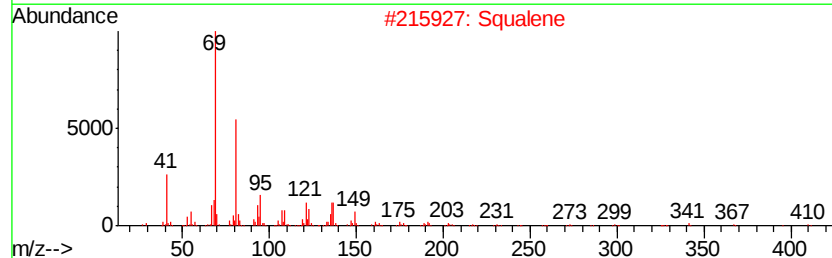
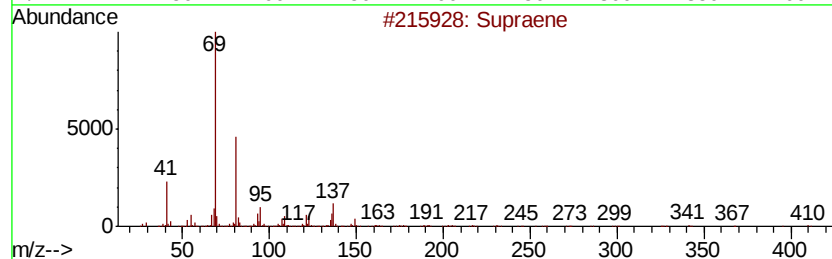
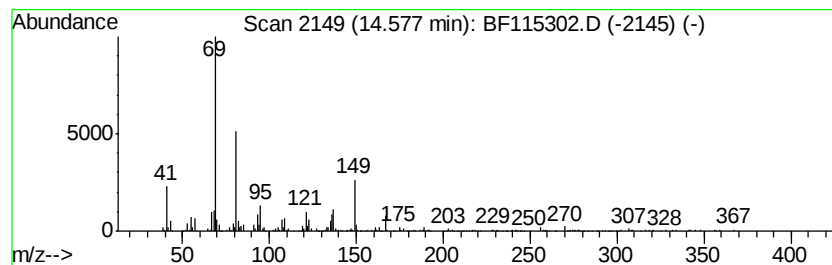
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.99 ng	387752	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	83
3		2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	64
4		Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	52
5		Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115302.D
Acq On : 29 Jun 2019 00:35
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Sample : K3528-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
SB-09-COMP

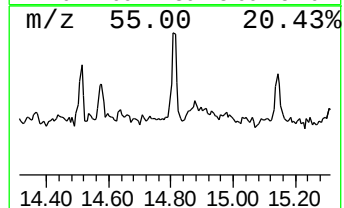
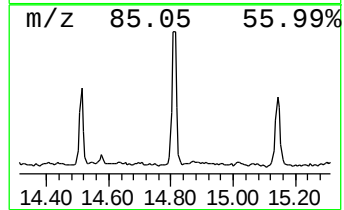
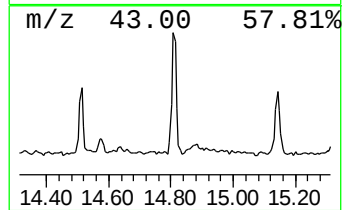
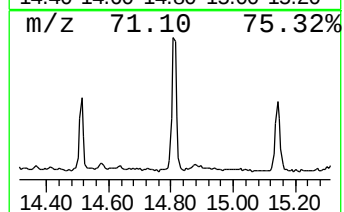
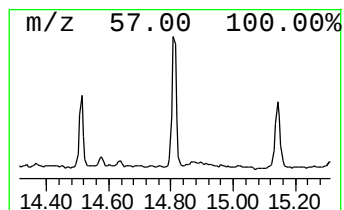
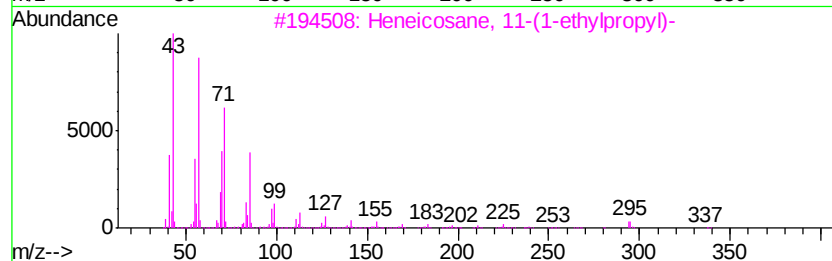
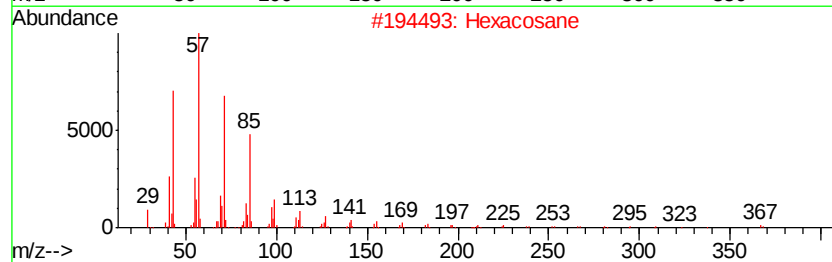
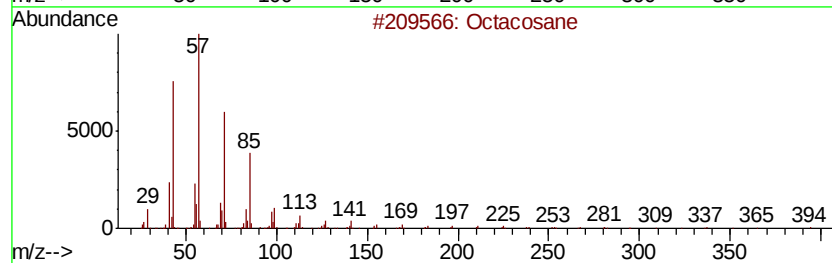
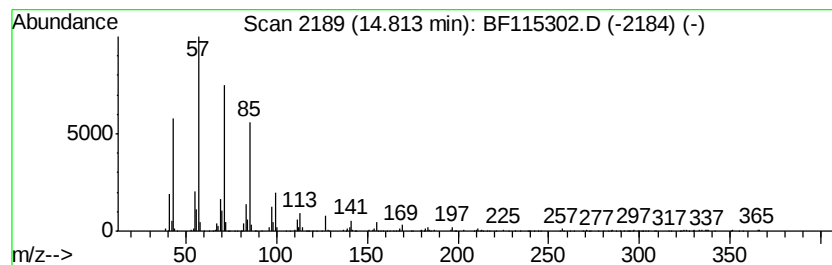
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.12 ng	497304	Perylene-d12	15.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115302.D
Acq On : 29 Jun 2019 00:35
Operator : HP/JU
Sample : K3528-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

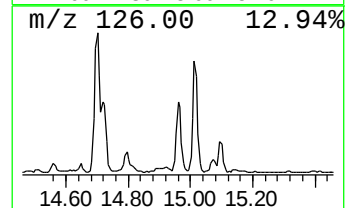
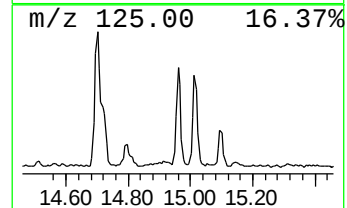
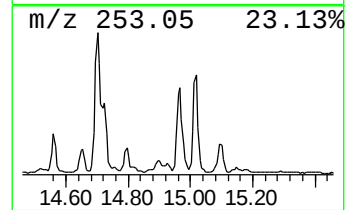
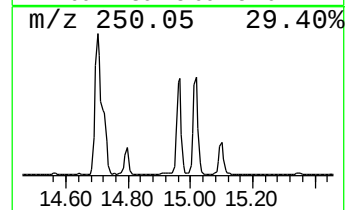
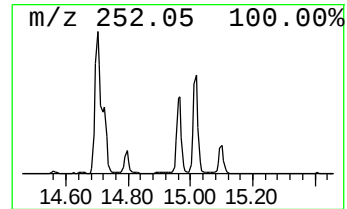
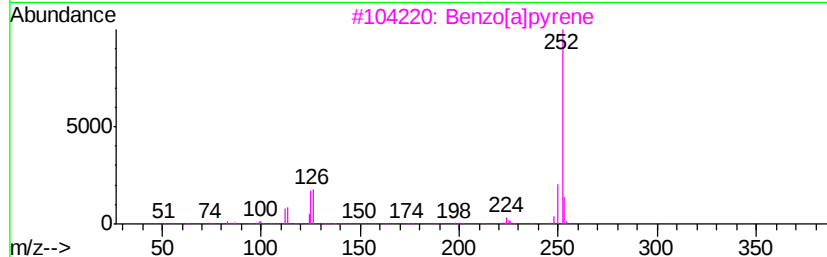
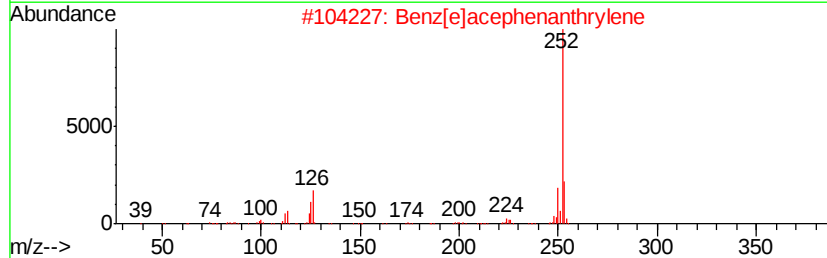
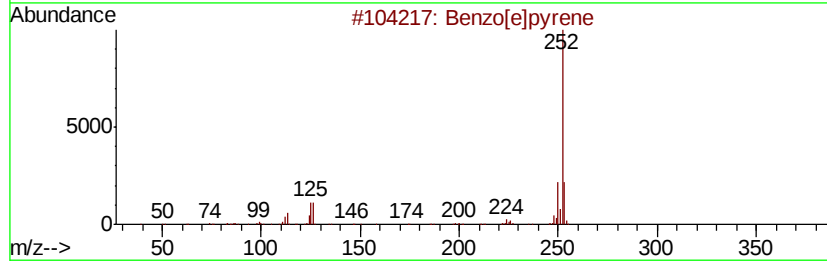
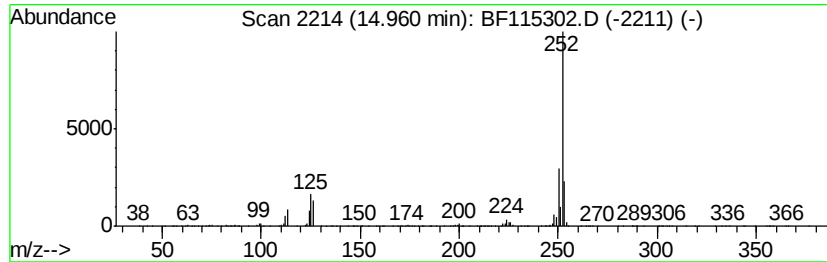
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.90 ng	476364	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115302.D
Acq On : 29 Jun 2019 00:35
Operator : HP/JU
Sample : K3528-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-09-COMP

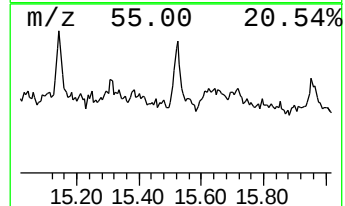
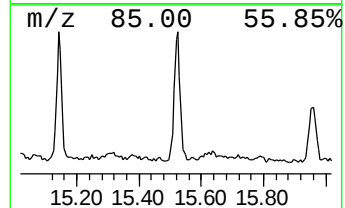
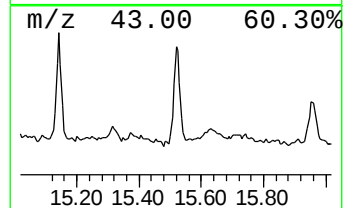
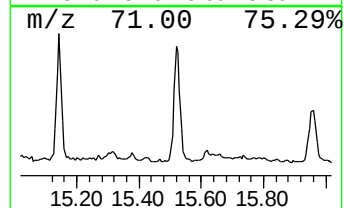
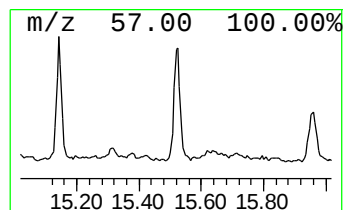
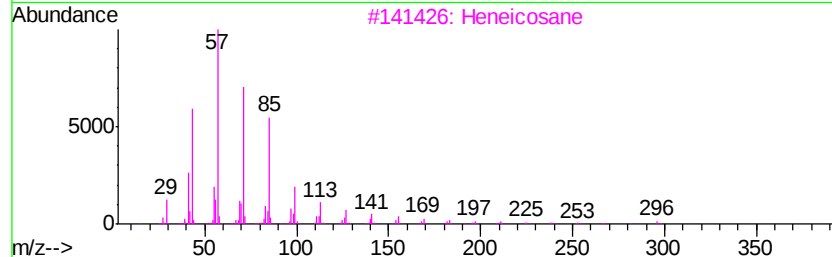
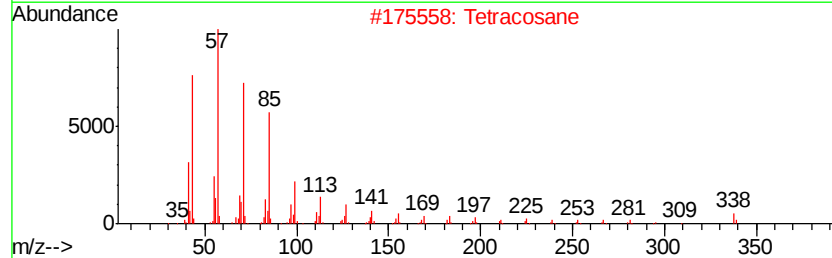
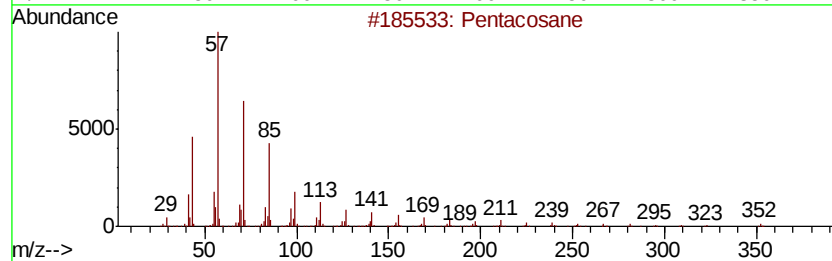
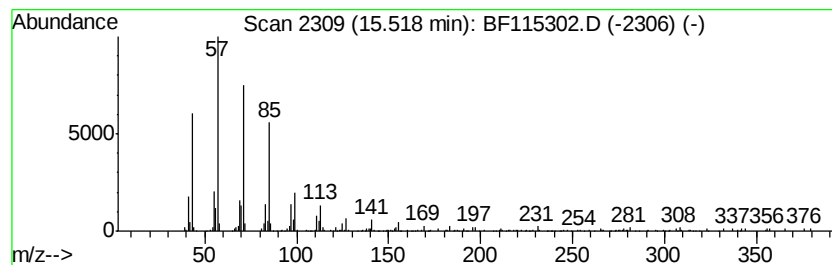
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.57 ng	249819	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	93
2		Tetracosane	338	C24H50	000646-31-1	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
Data File : BF115302.D
Acq On : 29 Jun 2019 00:35
Operator : HP/JU
Sample : K3528-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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, 1-m...	11.62	2.5	ng	309244	4	11.10	2440110	20.0
n-Hexadecanoic acid	11.65	9.9	ng	1205230	4	11.10	2440110	20.0
Octadecanoic acid	12.42	3.6	ng	564182	5	13.71	3146740	20.0
Benzo[b]naphtho[1...	13.62	3.1	ng	482701	5	13.71	3146740	20.0
Supraene	14.58	4.0	ng	387752	6	15.07	1944110	20.0
Octacosane	14.81	5.1	ng	497304	6	15.07	1944110	20.0
Benzo[e]pyrene	14.96	4.9	ng	476364	6	15.07	1944110	20.0
Pentacosane	15.52	2.6	ng	249819	6	15.07	1944110	20.0