

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118076.D
 Acq On : 3 Dec 2019 21:44
 Operator : JU
 Sample : K6024-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2-(0.5-1.0)

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-BF111319.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	4	12	20	rVB	593732	768903	23.61%	1.577%
2	5.093	505	511	520	rVB	429292	554436	17.03%	1.137%
3	5.493	575	579	582	rBV	2924733	2760879	84.78%	5.663%
4	6.504	746	751	754	rBV	2878711	2935487	90.14%	6.021%
5	6.645	771	775	778	rBV	3501421	3141009	96.45%	6.442%
6	6.875	811	814	818	rBV	996643	787537	24.18%	1.615%
7	7.034	837	841	844	rBV	3004138	2393714	73.51%	4.910%
8	7.439	905	910	913	rBV	2090625	1868059	57.36%	3.831%
9	8.163	1029	1033	1036	rBV	1229993	1037396	31.86%	2.128%
10	9.239	1212	1216	1220	rBV	3590612	3256472	100.00%	6.679%
11	9.633	1280	1283	1287	rBV	654714	500025	15.35%	1.026%
12	9.786	1305	1309	1312	rBV	81673	73523	2.26%	0.151%
13	9.839	1313	1318	1325	rVV6	21319	50286	1.54%	0.103%
14	9.928	1329	1333	1336	rVV	1328919	1223913	37.58%	2.510%
15	9.957	1336	1338	1341	rVB	92803	72650	2.23%	0.149%
16	10.128	1362	1367	1371	rBV	101774	95801	2.94%	0.196%
17	10.475	1422	1426	1431	rVB	95502	93948	2.88%	0.193%
18	10.633	1450	1453	1455	rBV	47141	38972	1.20%	0.080%
19	10.716	1463	1467	1474	rBV	2893273	2635404	80.93%	5.405%
20	10.839	1483	1488	1495	rVB7	37460	49075	1.51%	0.101%
21	11.027	1513	1520	1522	rBV4	30240	48853	1.50%	0.100%
22	11.151	1537	1541	1543	rBV3	43813	45478	1.40%	0.093%
23	11.222	1550	1553	1557	rVB	126628	110165	3.38%	0.226%
24	11.275	1557	1562	1564	rBV4	46235	74072	2.27%	0.152%
25	11.310	1566	1568	1573	rVB	101174	98466	3.02%	0.202%
26	11.416	1583	1586	1588	rBV	1402345	1258059	38.63%	2.580%
27	11.439	1588	1590	1594	rVV	1589164	1441790	44.27%	2.957%
28	11.492	1594	1599	1602	rVV	273927	277462	8.52%	0.569%
29	11.522	1602	1604	1608	rVB2	44305	49233	1.51%	0.101%
30	11.645	1619	1625	1628	rBV2	173532	198879	6.11%	0.408%
31	11.710	1633	1636	1640	rVV3	53255	65032	2.00%	0.133%
32	11.751	1640	1643	1647	rVB3	42344	45070	1.38%	0.092%
33	11.874	1660	1664	1666	rBV3	40135	39681	1.22%	0.081%
34	11.922	1668	1672	1673	rVV	207131	188093	5.78%	0.386%

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35	11.945	1673	1676	1682	rVV2	892009	888888	27.30%	1.823%
36	11.998	1682	1685	1688	rVV	88319	85140	2.61%	0.175%
37	12.033	1688	1691	1693	rVV2	263920	272173	8.36%	0.558%
38	12.057	1693	1695	1699	rVB	152650	121166	3.72%	0.249%
39	12.104	1699	1703	1704	rBV3	32879	41307	1.27%	0.085%
40	12.216	1719	1722	1724	rBV	166708	130124	4.00%	0.267%
41	12.239	1724	1726	1730	rVB	209516	176562	5.42%	0.362%
42	12.369	1745	1748	1750	rVB2	54760	45570	1.40%	0.093%
43	12.398	1750	1753	1755	rBV	45721	38768	1.19%	0.080%
44	12.474	1762	1766	1769	rBV2	90826	118964	3.65%	0.244%
45	12.510	1769	1772	1774	rVV3	57057	64200	1.97%	0.132%
46	12.557	1777	1780	1786	rVB	143834	142051	4.36%	0.291%
47	12.639	1790	1794	1797	rBV	2203697	1888599	58.00%	3.874%
48	12.698	1802	1804	1806	rVB	47924	36865	1.13%	0.076%
49	12.727	1806	1809	1812	rBV	337278	306868	9.42%	0.629%
50	12.786	1817	1819	1823	rVV	91726	115730	3.55%	0.237%
51	12.869	1827	1833	1836	rVV	1894951	1893178	58.14%	3.883%
52	12.916	1838	1841	1846	rVB2	108913	128069	3.93%	0.263%
53	13.010	1853	1857	1860	rVB	3549851	2903677	89.17%	5.956%
54	13.080	1865	1869	1873	rBV2	115268	202527	6.22%	0.415%
55	13.174	1881	1885	1886	rBV4	91778	117613	3.61%	0.241%
56	13.192	1886	1888	1891	rVB	172335	153082	4.70%	0.314%
57	13.263	1897	1900	1902	rVB	74060	54469	1.67%	0.112%
58	13.298	1902	1906	1909	rBV2	180256	198087	6.08%	0.406%
59	13.392	1920	1922	1925	rVB	95763	68684	2.11%	0.141%
60	13.421	1925	1927	1931	rBV2	84563	97940	3.01%	0.201%
61	13.580	1951	1954	1956	rBV3	60527	64761	1.99%	0.133%
62	13.704	1972	1975	1979	rVB	179272	158125	4.86%	0.324%
63	13.816	1990	1994	1996	rBV2	136903	174569	5.36%	0.358%
64	13.845	1996	1999	2001	rVV	176205	180463	5.54%	0.370%
65	13.868	2001	2003	2006	rVV2	140250	184603	5.67%	0.379%
66	13.910	2006	2010	2018	rVB3	428037	575435	17.67%	1.180%
67	14.068	2030	2037	2040	rBV2	1394445	1991883	61.17%	4.085%
68	14.098	2040	2042	2047	rVB	709416	625961	19.22%	1.284%
69	14.174	2053	2055	2059	rVB	68973	55165	1.69%	0.113%
70	14.457	2101	2103	2106	rVB	136772	104564	3.21%	0.214%
71	14.492	2106	2109	2112	rVB2	82916	84527	2.60%	0.173%

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72	14.533	2113	2116	2122	rBV3	163992	206409	6.34%	0.423%
73	14.580	2122	2124	2126	rBV	70407	54694	1.68%	0.112%
74	14.845	2166	2169	2173	rVB	163164	150349	4.62%	0.308%
75	14.921	2179	2182	2186	rBV	400966	400255	12.29%	0.821%
76	15.127	2212	2217	2220	rBV	579545	980863	30.12%	2.012%
77	15.192	2225	2228	2232	rVV2	219429	253860	7.80%	0.521%
78	15.233	2232	2235	2239	rVB	114052	111519	3.42%	0.229%
79	15.433	2265	2269	2276	rVB	352971	507085	15.57%	1.040%
80	15.498	2276	2280	2286	rBV	529482	697586	21.42%	1.431%
81	15.568	2287	2292	2295	rBV	780905	1119680	34.38%	2.297%
82	16.033	2368	2371	2378	rVB	134038	210349	6.46%	0.431%
83	16.557	2456	2460	2465	rVB2	78986	117094	3.60%	0.240%
84	17.074	2542	2548	2556	rVB2	261843	520903	16.00%	1.068%
85	17.168	2560	2564	2570	rVB6	43608	98884	3.04%	0.203%
86	17.533	2619	2626	2637	rVB	198990	451751	13.87%	0.927%
87	17.768	2664	2666	2674	rVB2	59907	106228	3.26%	0.218%

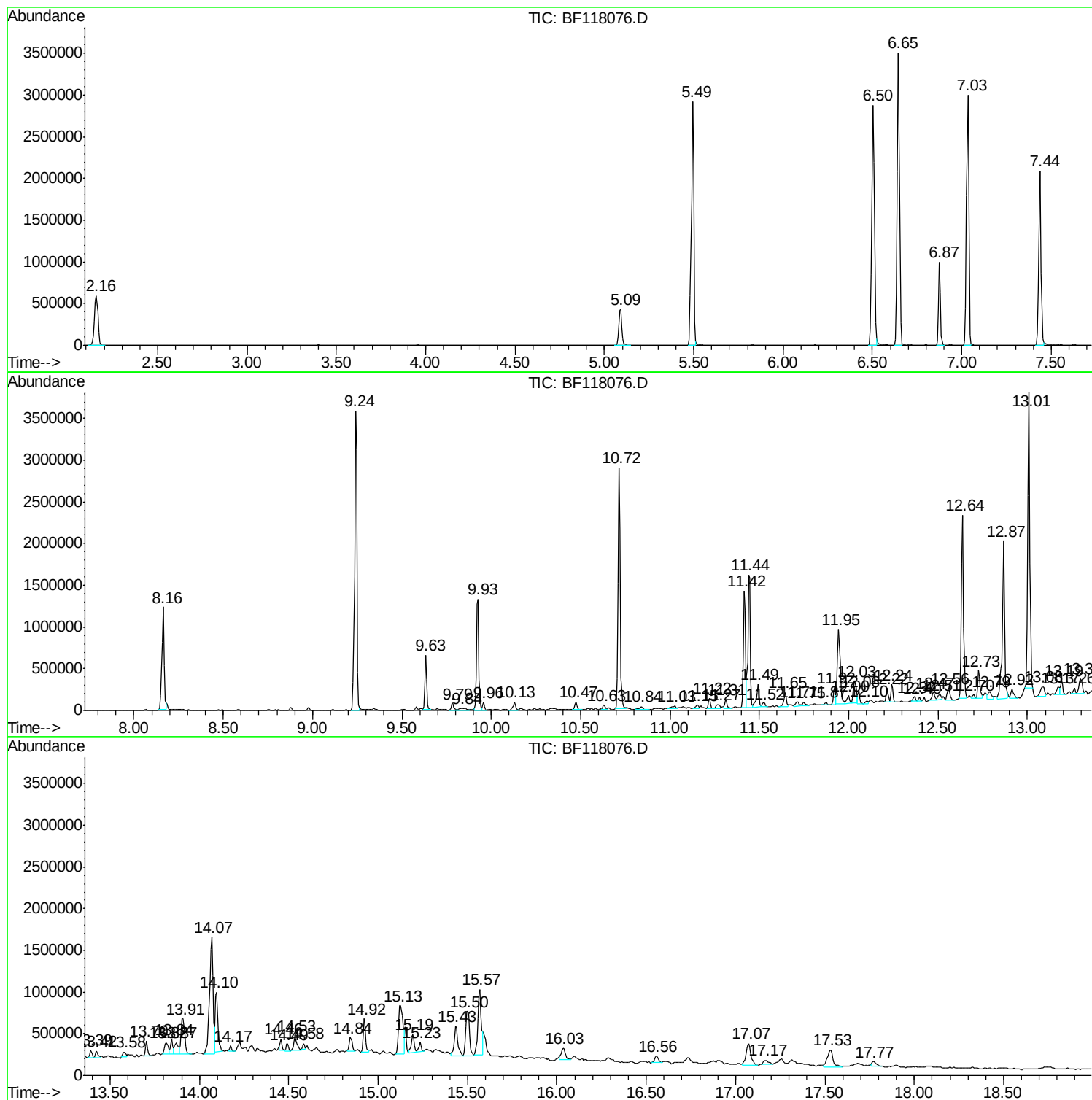
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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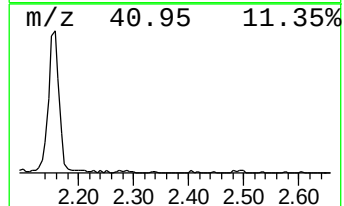
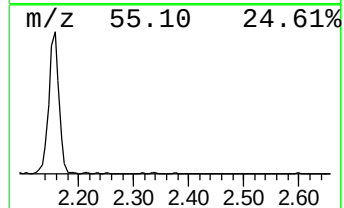
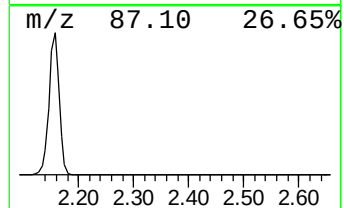
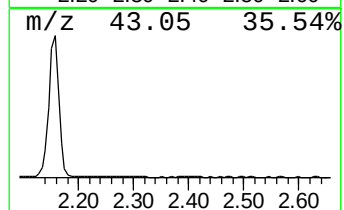
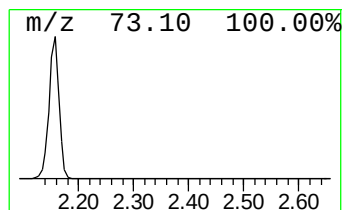
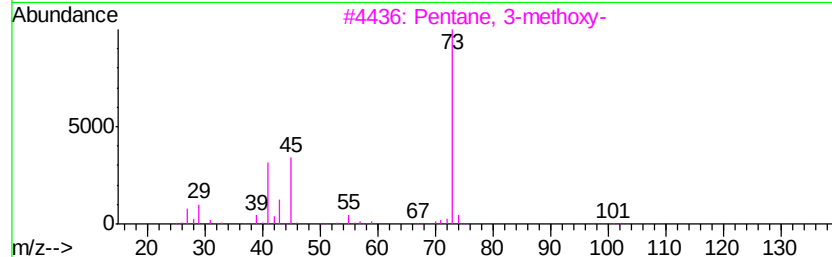
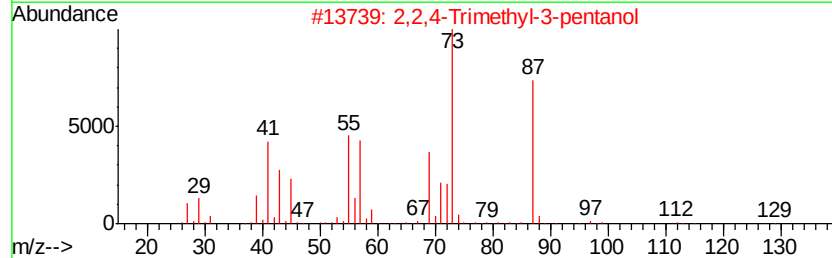
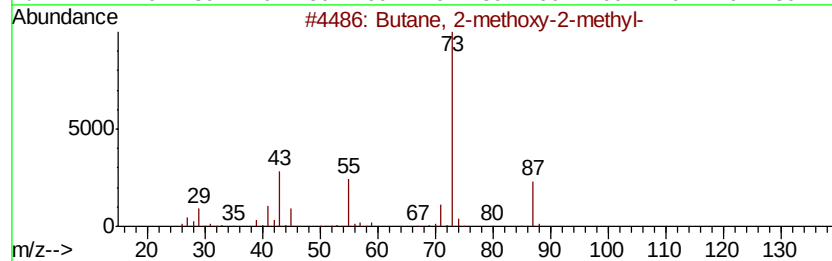
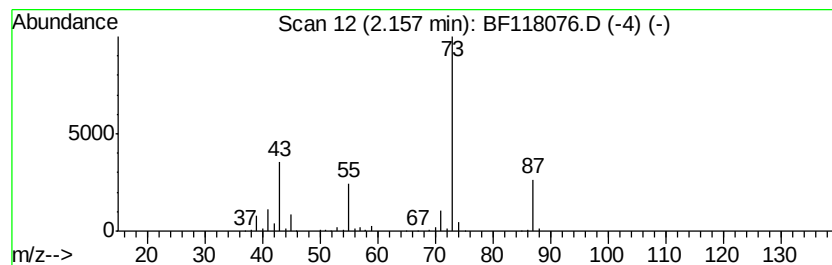
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.16	19.53 ng	768903	1,4-Dichlorobenzene-d4	6.87

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	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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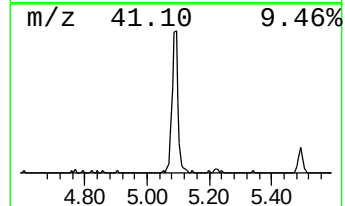
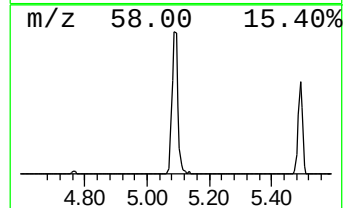
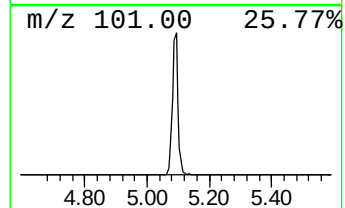
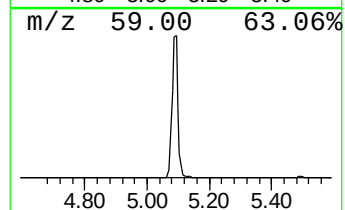
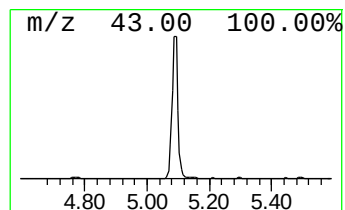
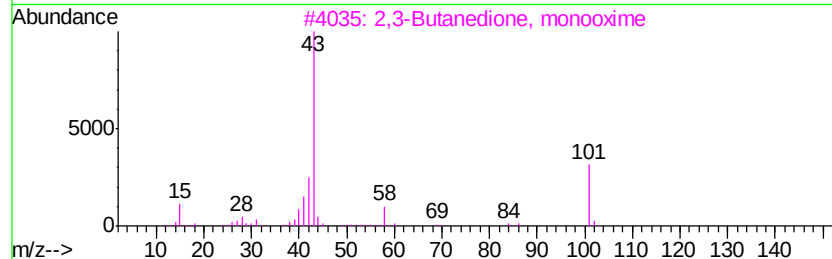
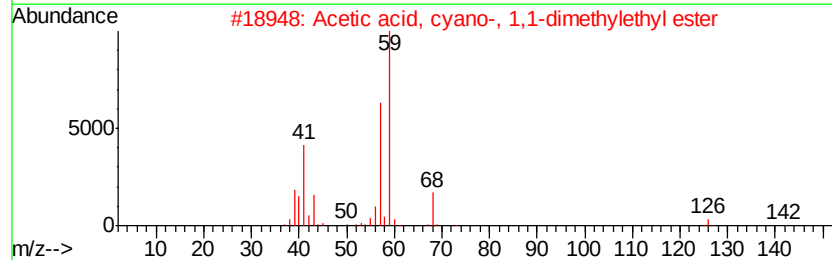
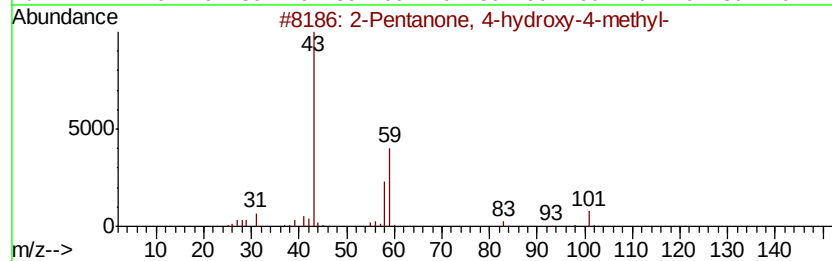
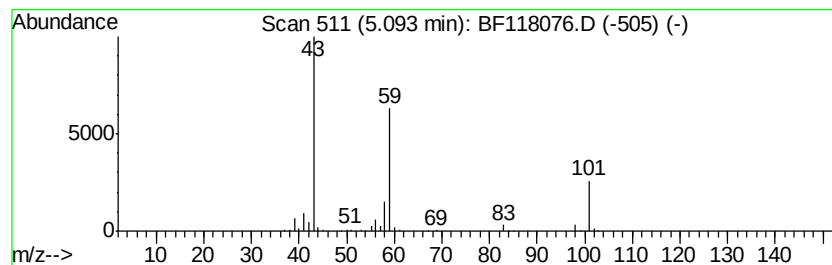
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	14.08 ng	554436	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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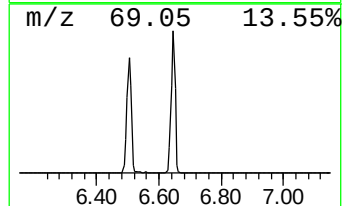
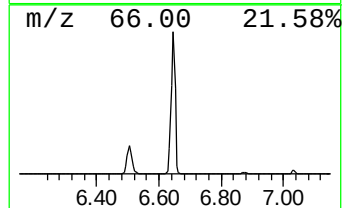
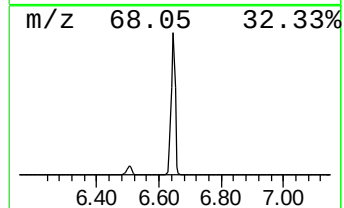
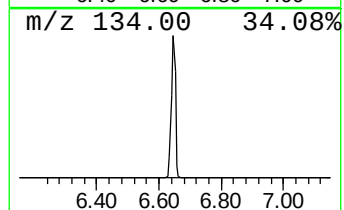
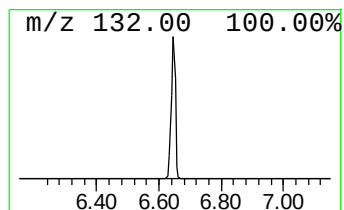
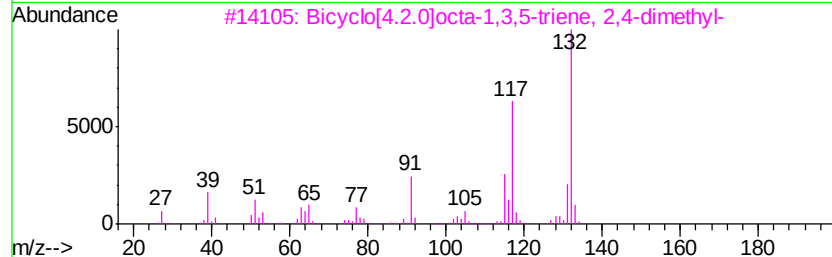
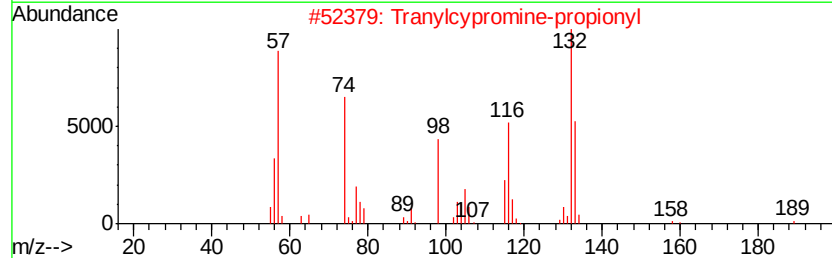
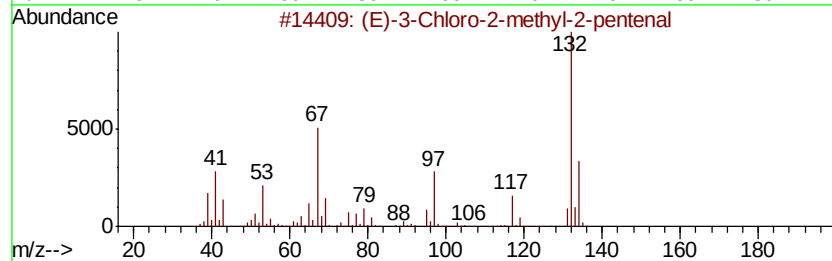
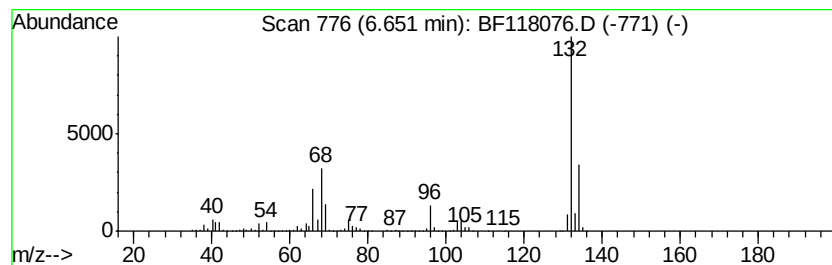
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	79.77 ng	3141010	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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B-2-(0.5-1.0)

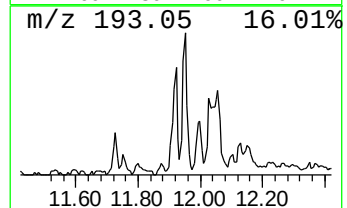
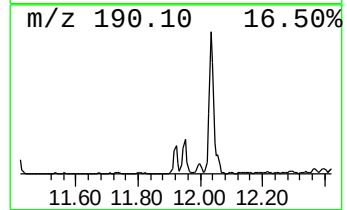
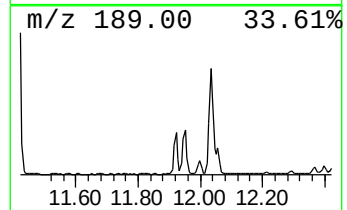
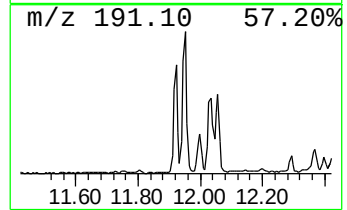
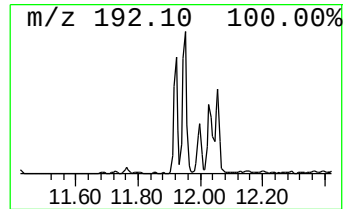
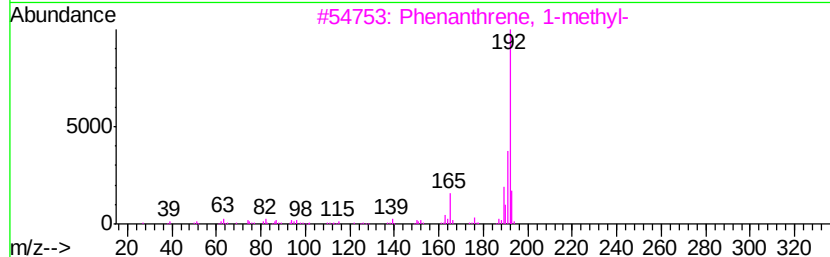
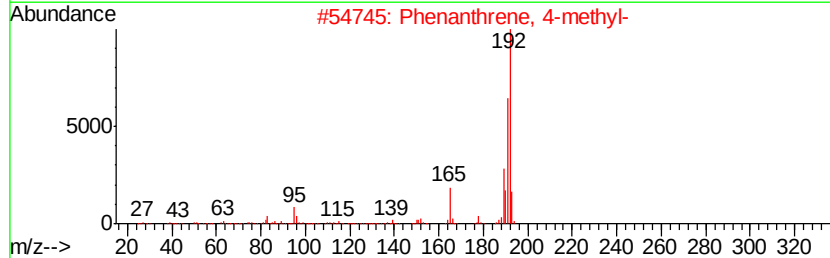
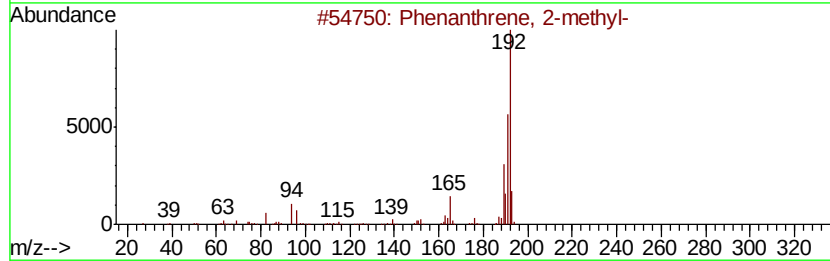
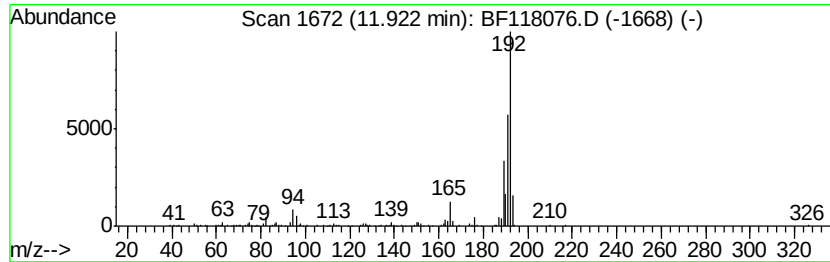
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.99 ng	188093	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
Operator : JU
Sample : K6024-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

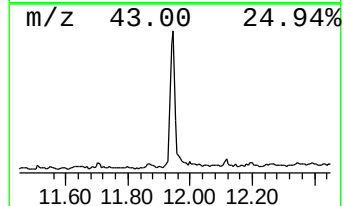
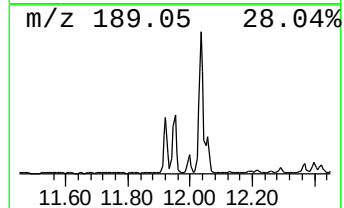
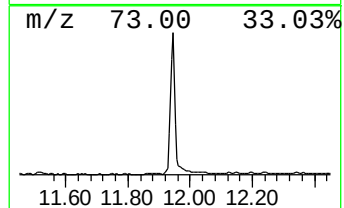
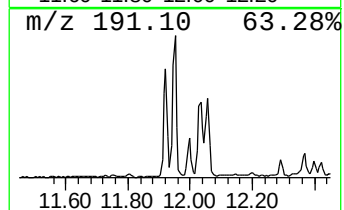
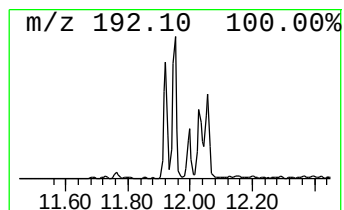
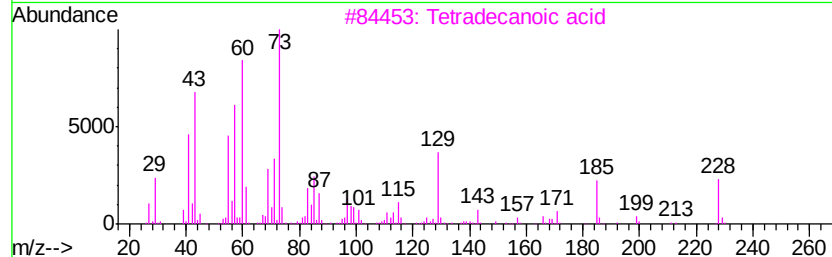
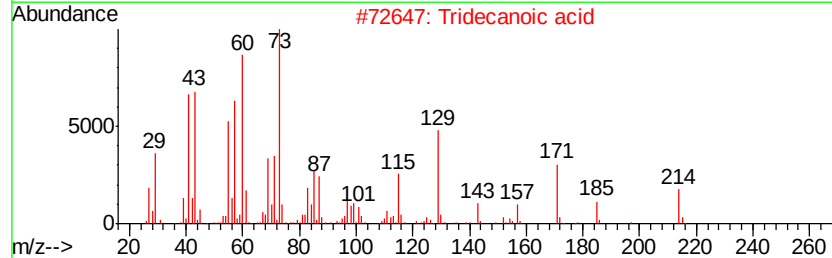
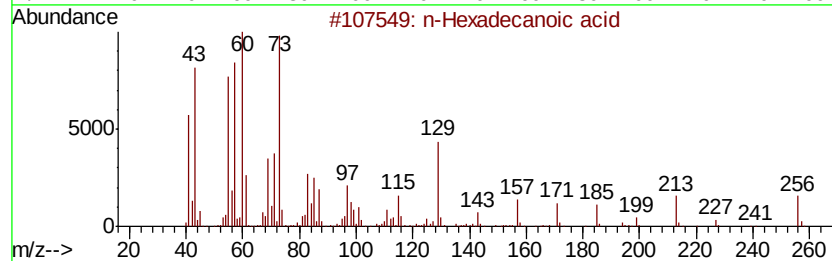
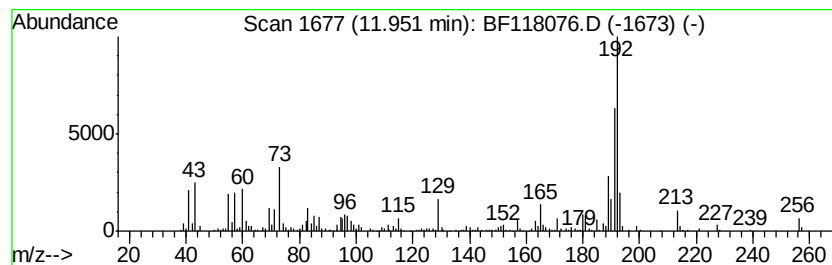
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.95	14.13 ng	888888	Phenanthrene-d10	11.42		
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	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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Misc :
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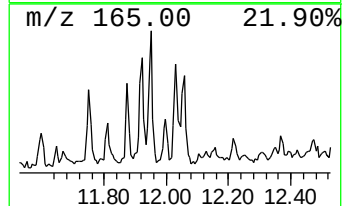
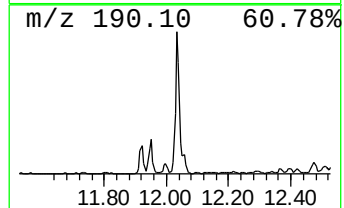
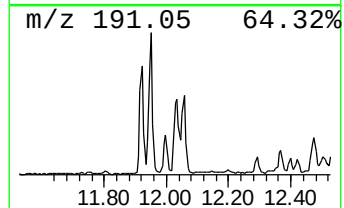
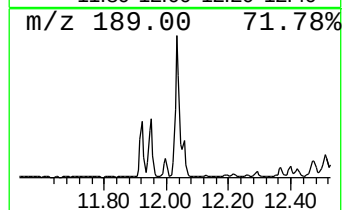
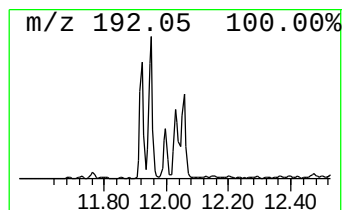
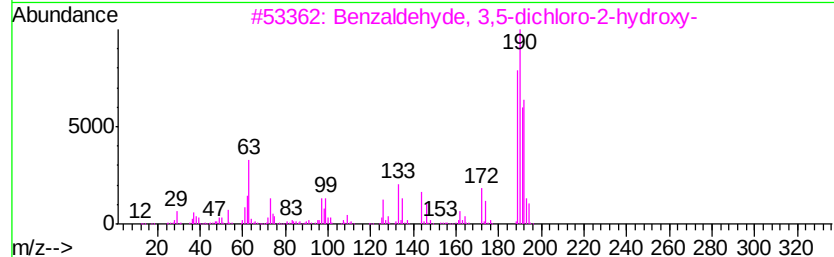
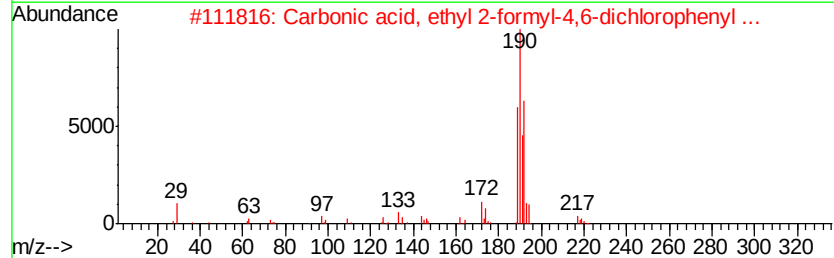
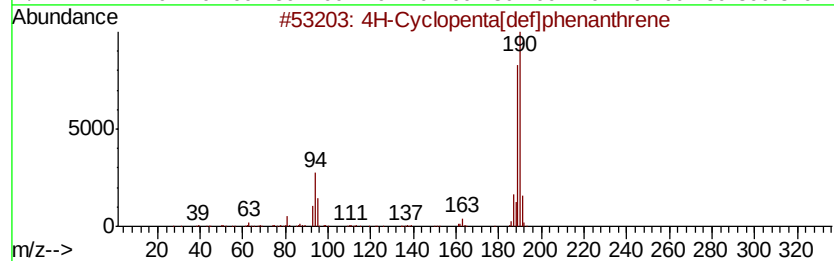
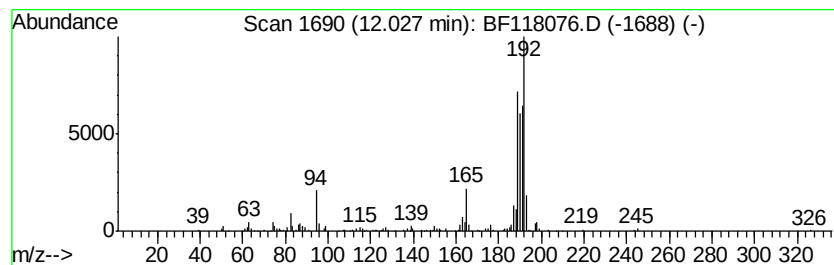
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.03	4.33 ng	272173	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
Operator : JU
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Instrument :
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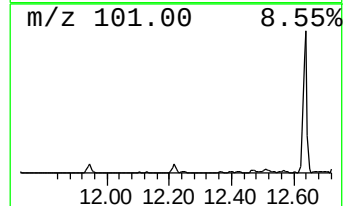
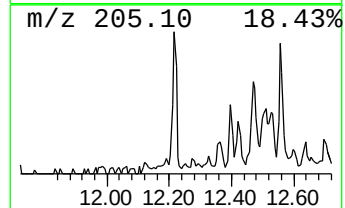
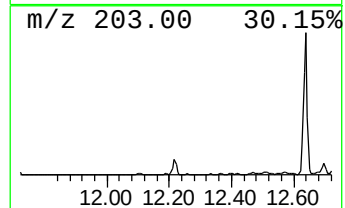
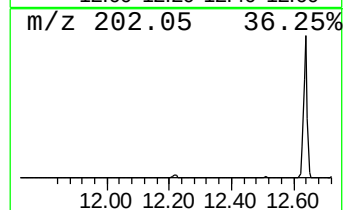
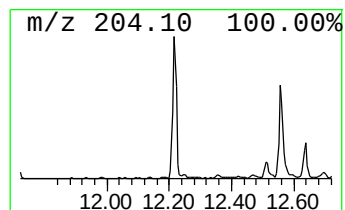
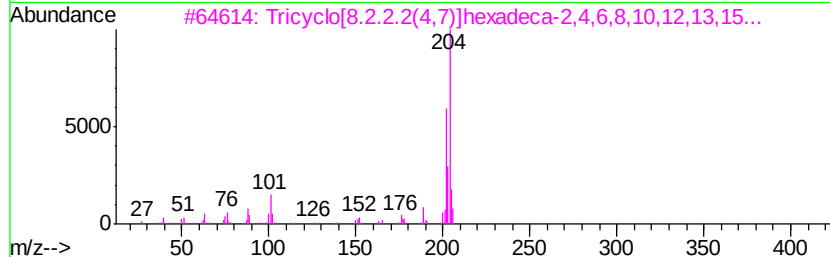
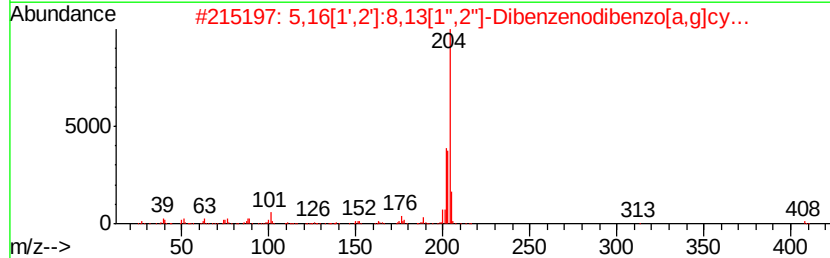
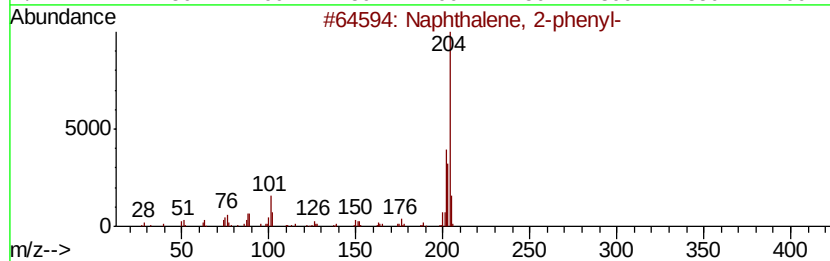
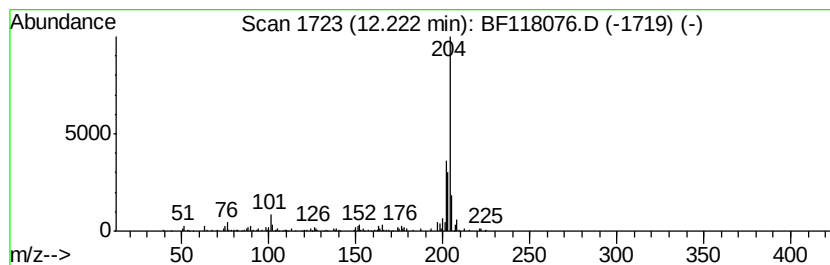
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.07 ng	130124	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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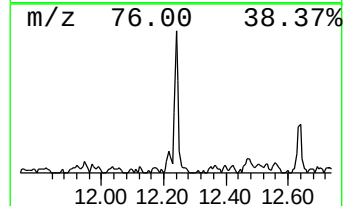
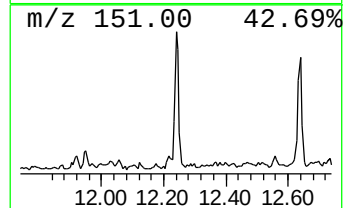
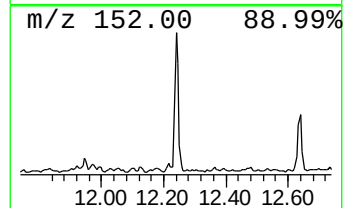
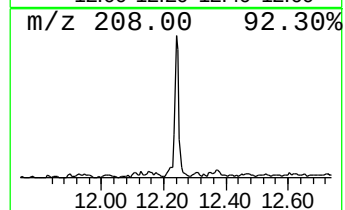
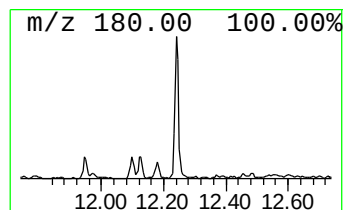
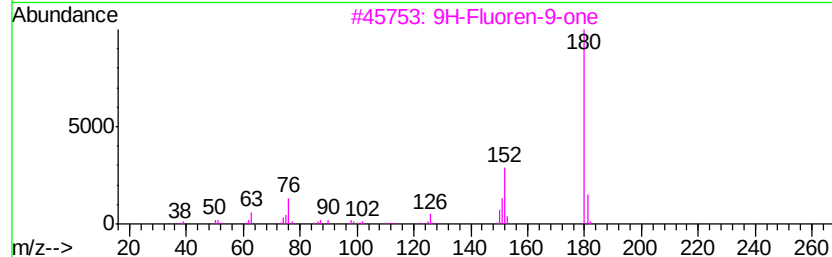
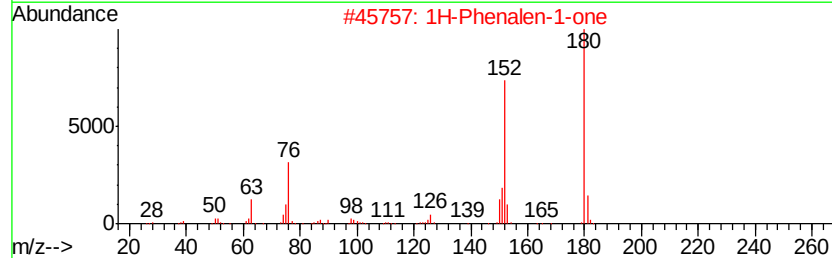
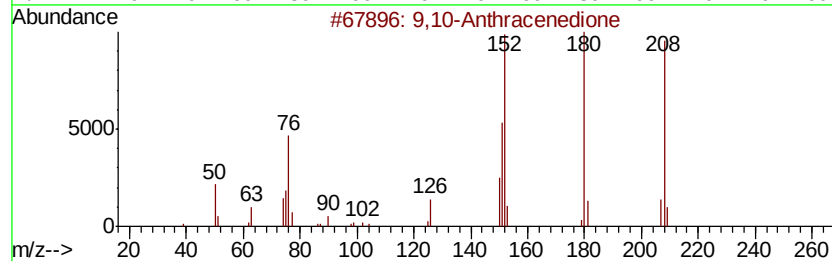
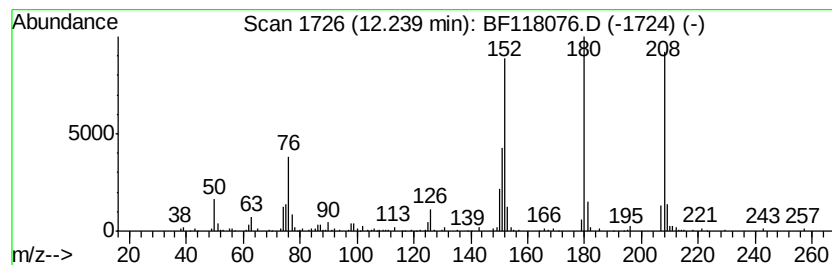
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.24	2.81 ng	176562	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
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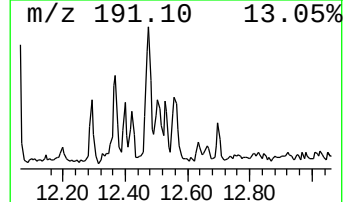
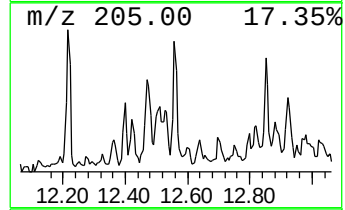
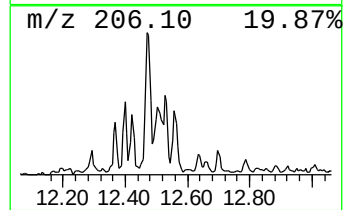
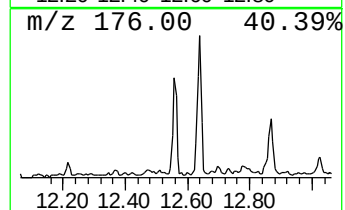
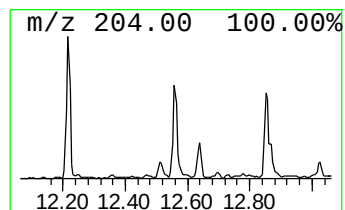
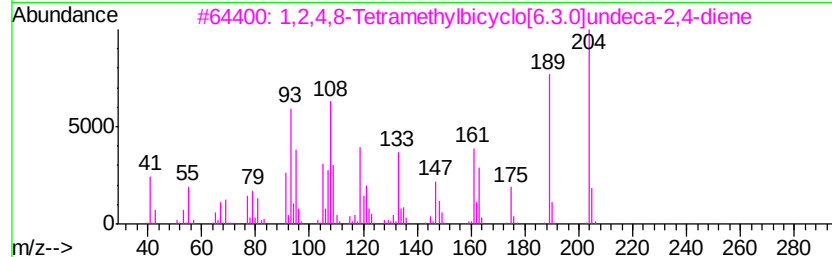
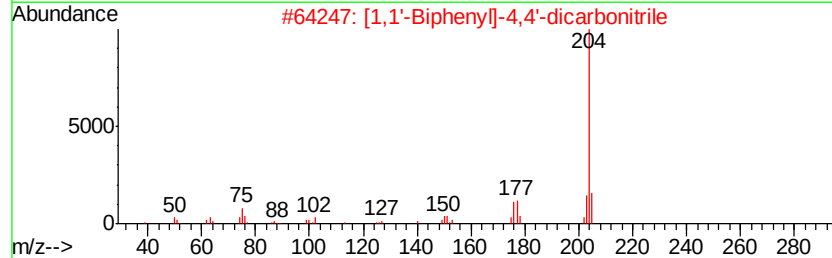
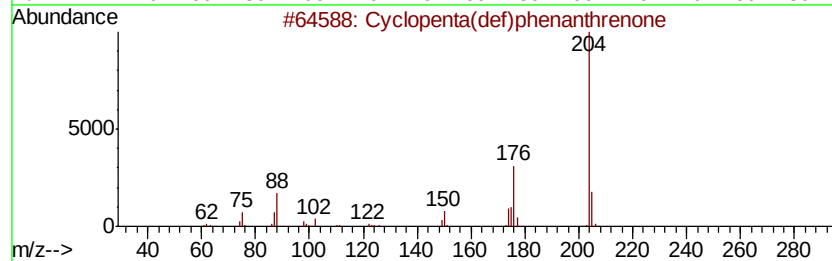
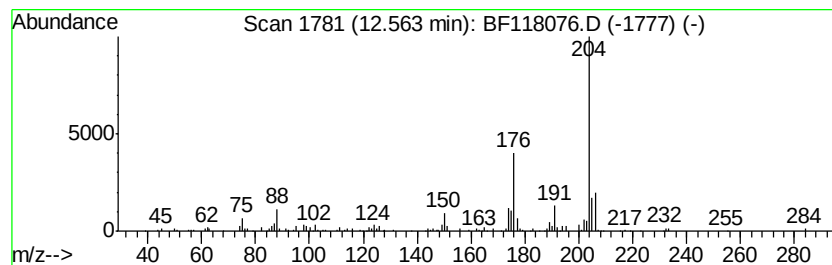
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.26 ng	142051	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	45
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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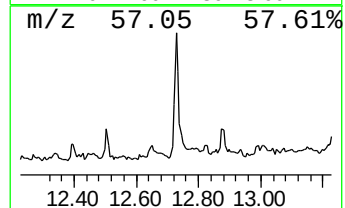
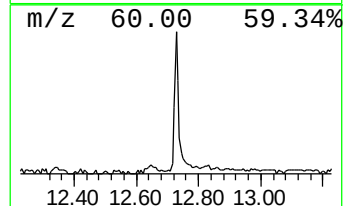
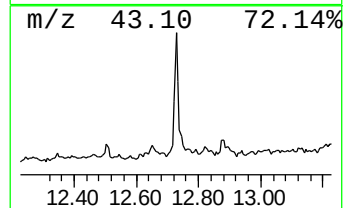
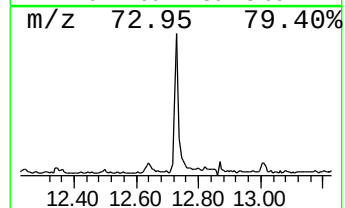
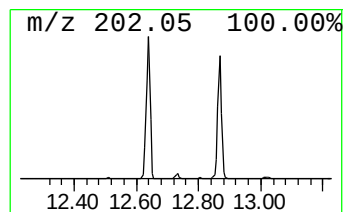
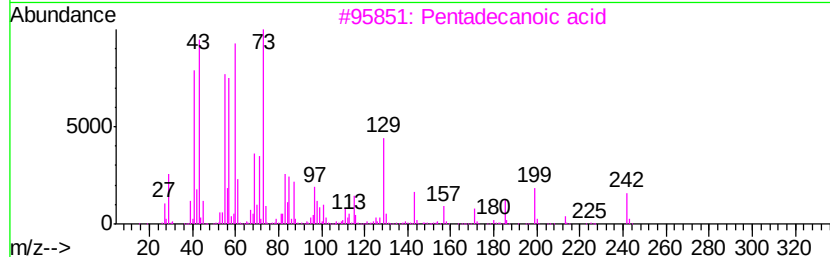
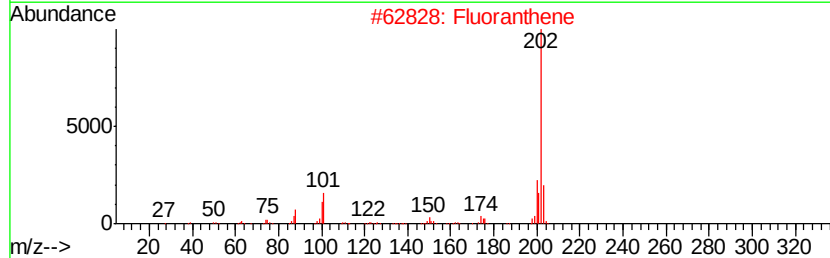
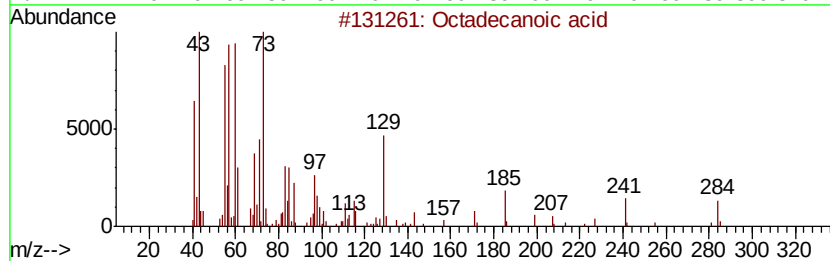
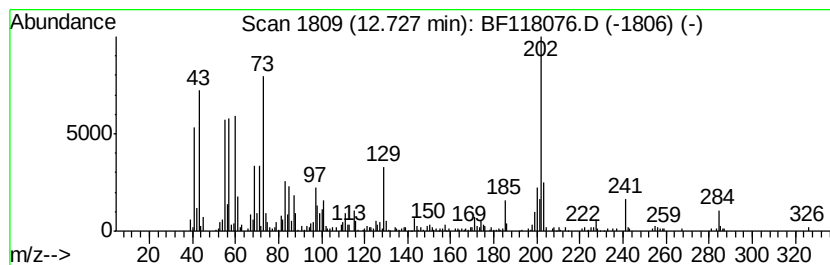
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.88 ng	306868	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Fluoranthene	202	C16H10	000206-44-0	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5		Dodecanoic acid	200	C12H24O2	000143-07-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
Operator : JU
Sample : K6024-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

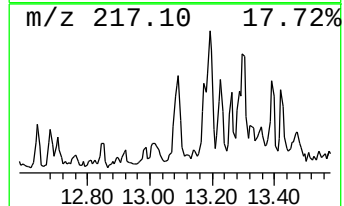
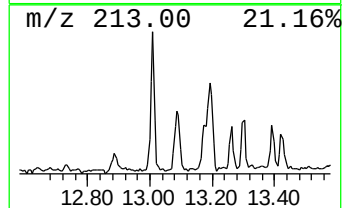
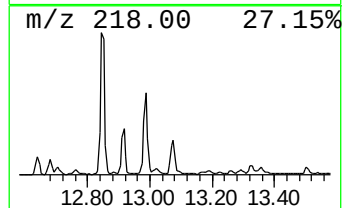
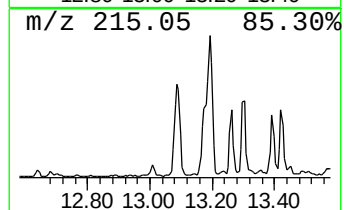
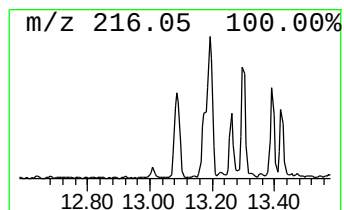
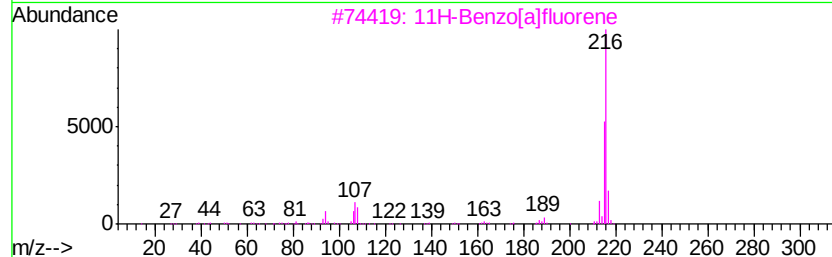
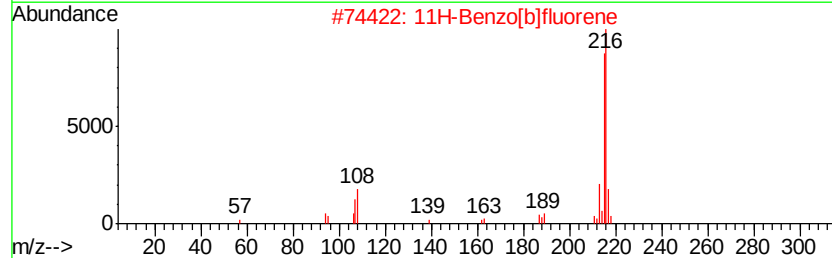
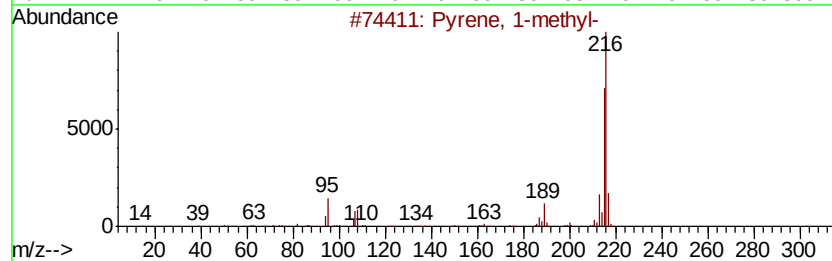
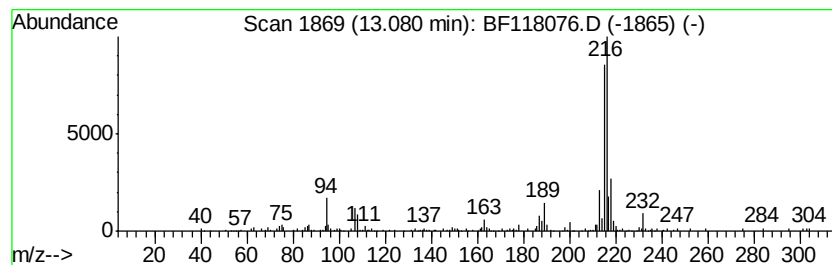
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.03 ng	202527	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 89
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 80
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 76
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
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Sample : K6024-02
Misc :
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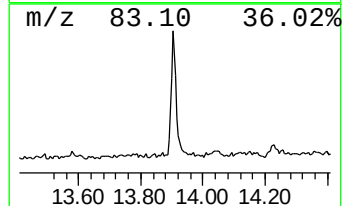
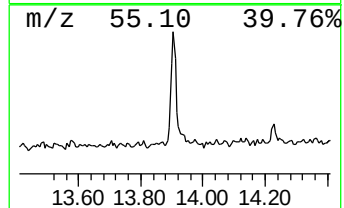
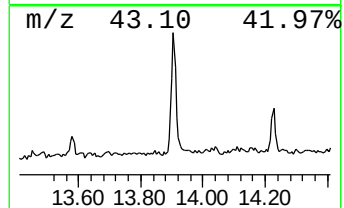
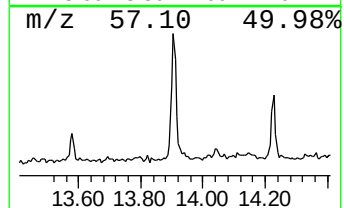
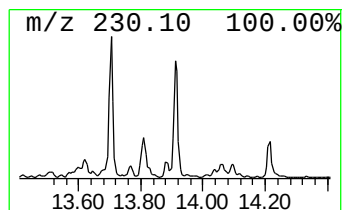
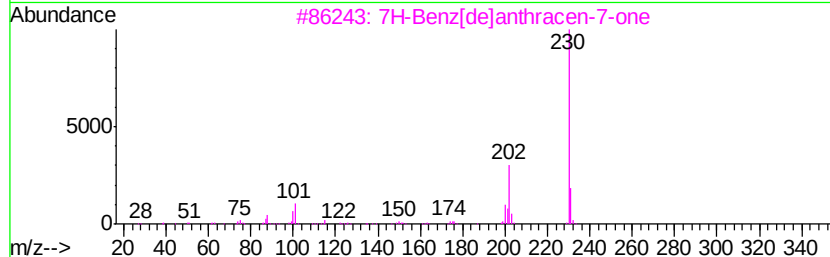
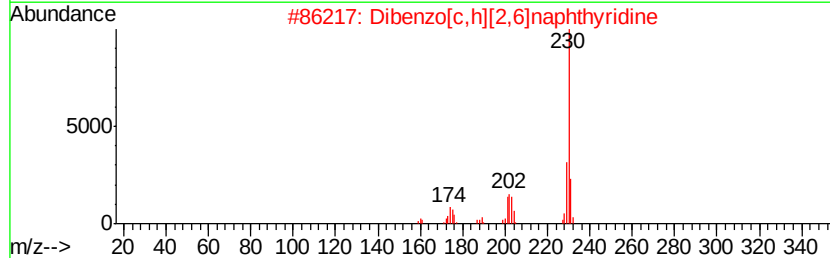
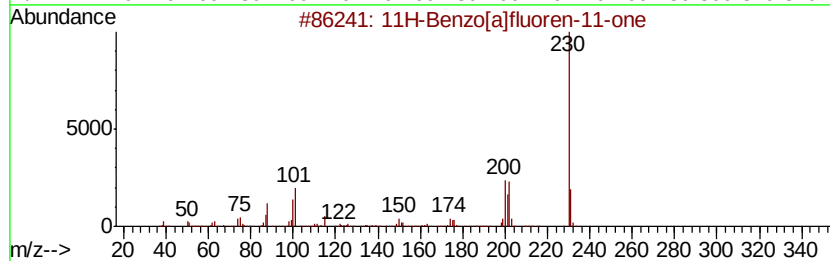
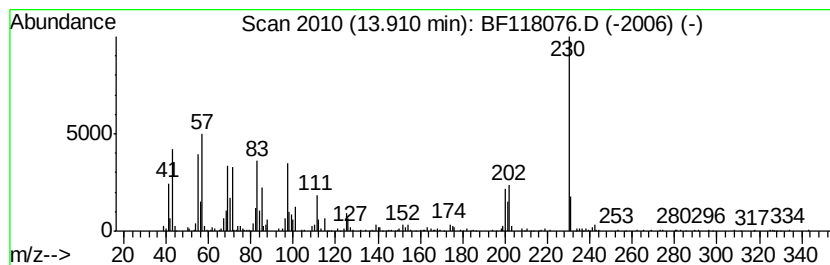
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.91	5.78 ng	575435	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
4		o-Terphenyl	230	C18H14	000084-15-1	43
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
Operator : JU
Sample : K6024-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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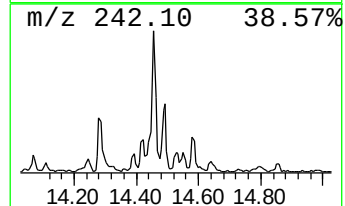
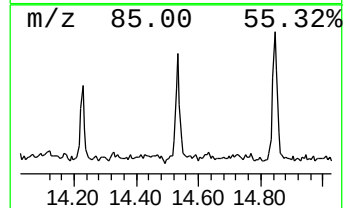
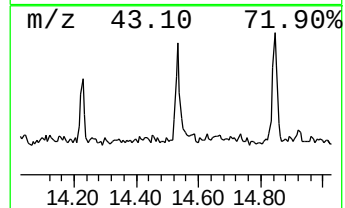
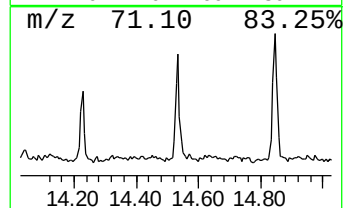
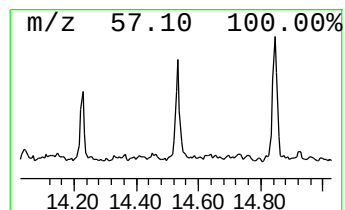
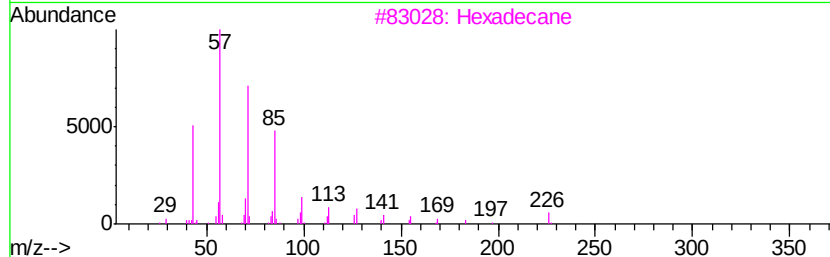
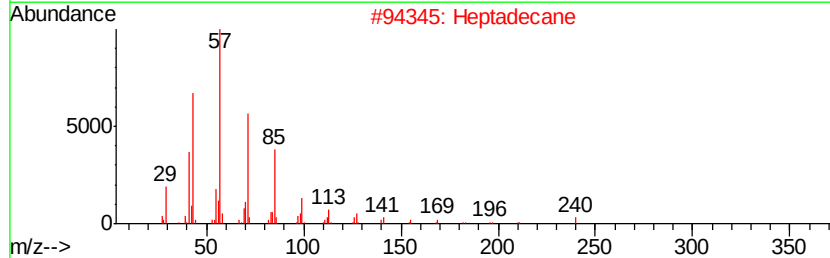
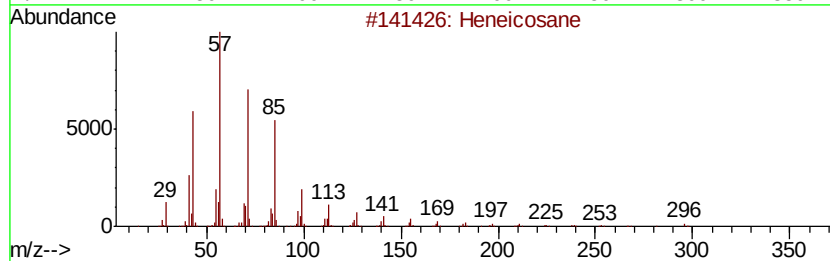
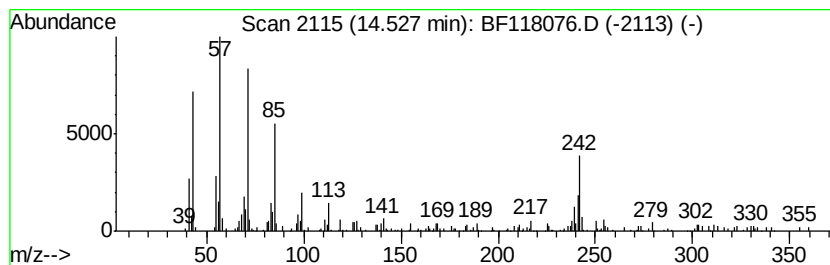
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.07 ng	206409	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane	240	C17H36	000629-78-7	96
3		Hexadecane	226	C16H34	000544-76-3	92
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
Operator : JU
Sample : K6024-02
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ClientSampleId :
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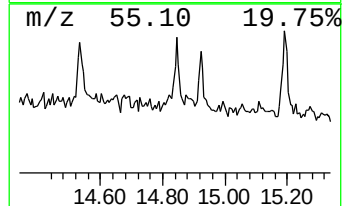
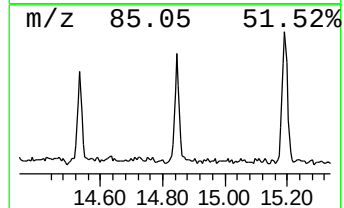
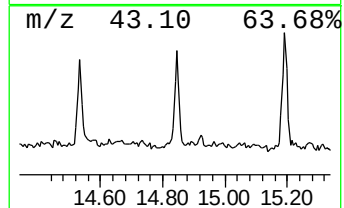
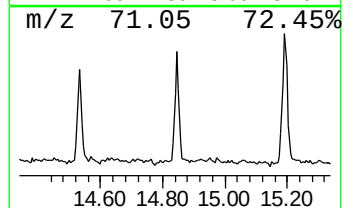
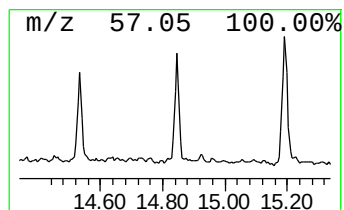
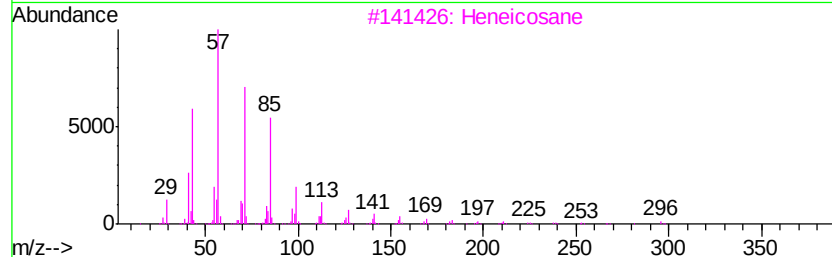
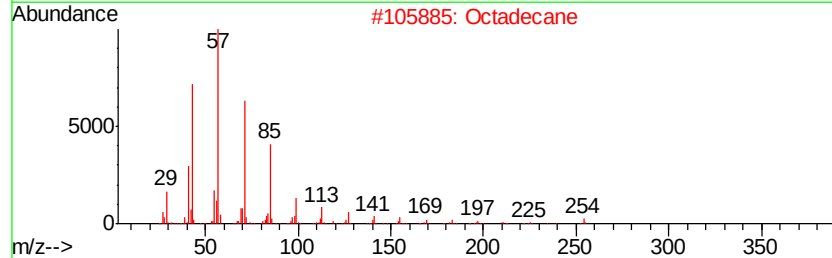
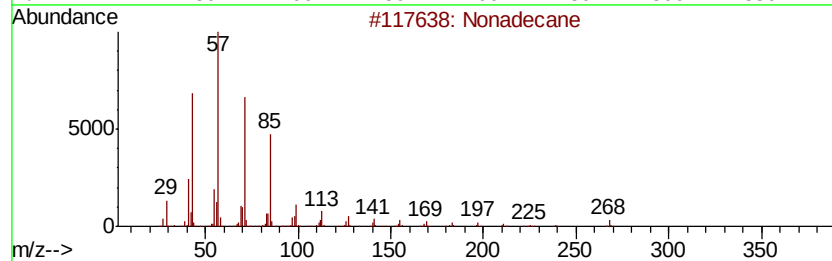
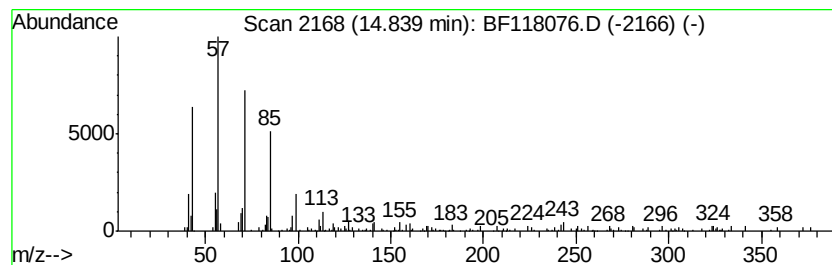
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.69 ng	150349	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Octadecane	254	C18H38	000593-45-3	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
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Misc :
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Instrument :
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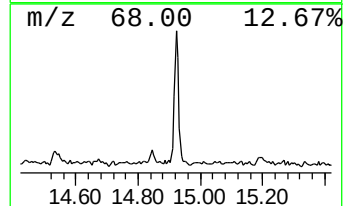
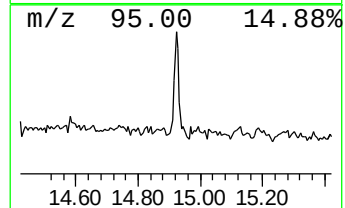
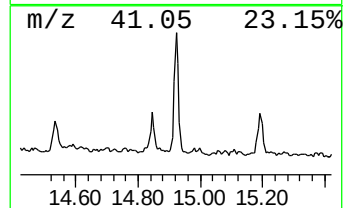
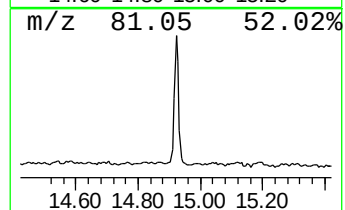
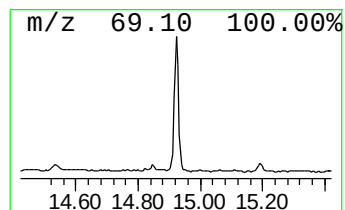
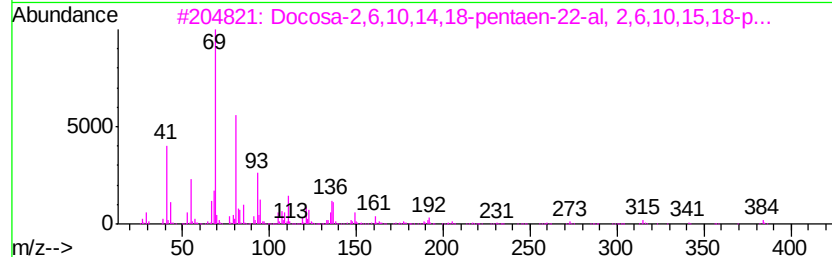
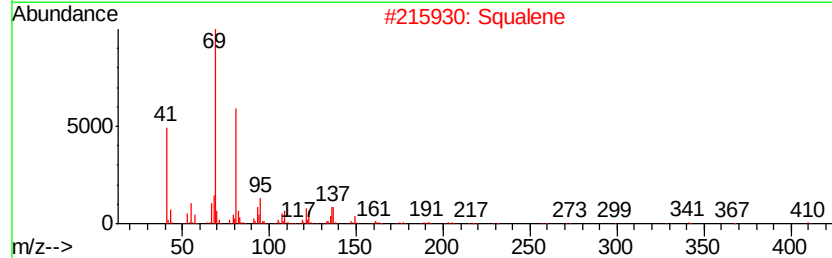
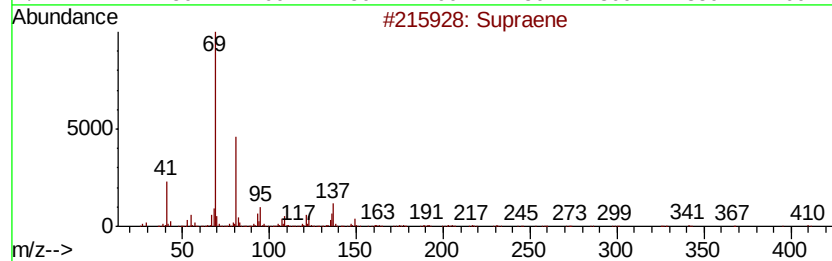
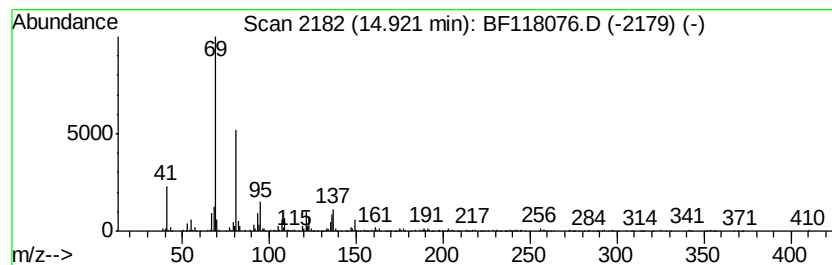
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	7.15 ng	400255	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	98
2		Squalene	410	C30H50	000111-02-4	98
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4		4,8,12-Tetradecatrilal, 5,9,13-...	248	C17H28O	066408-55-7	72
5		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118076.D
Acq On : 3 Dec 2019 21:44
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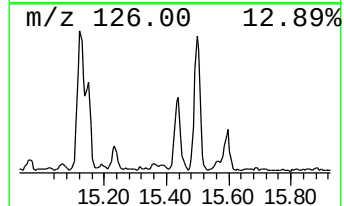
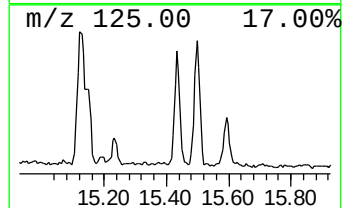
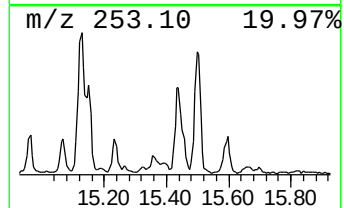
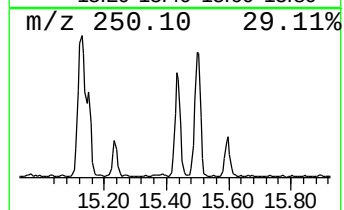
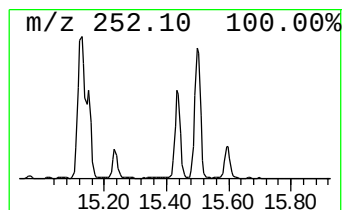
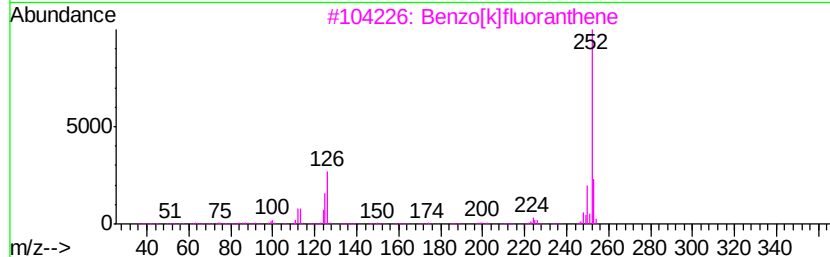
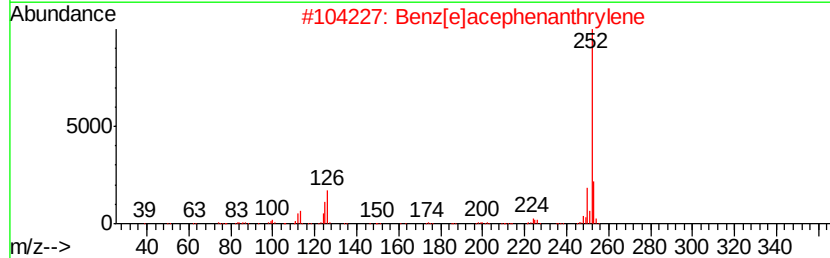
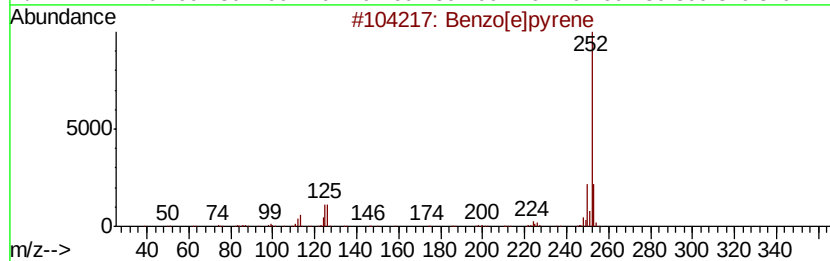
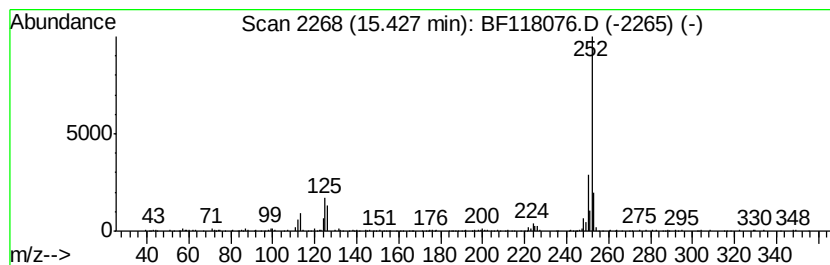
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	9.06 ng	507085	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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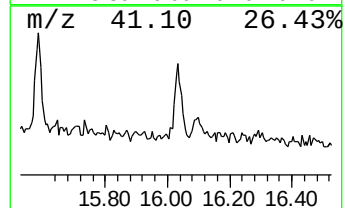
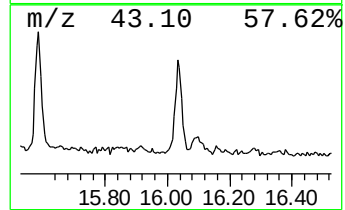
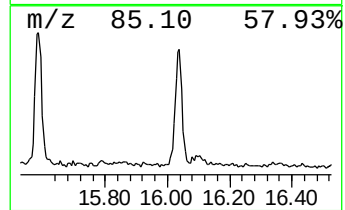
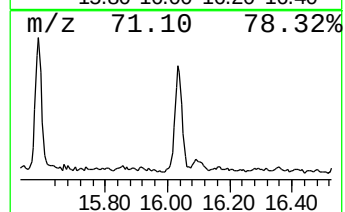
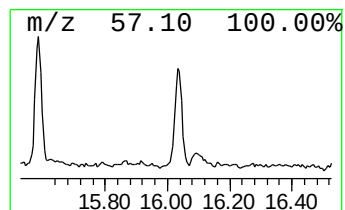
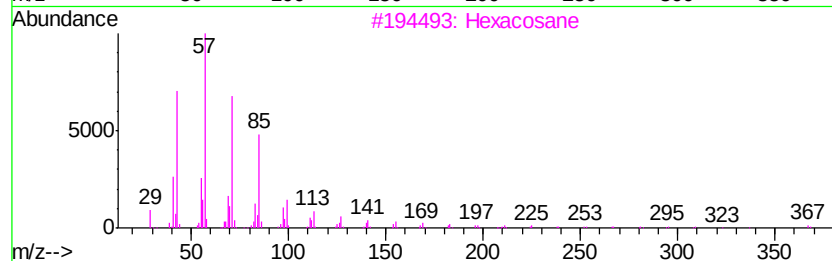
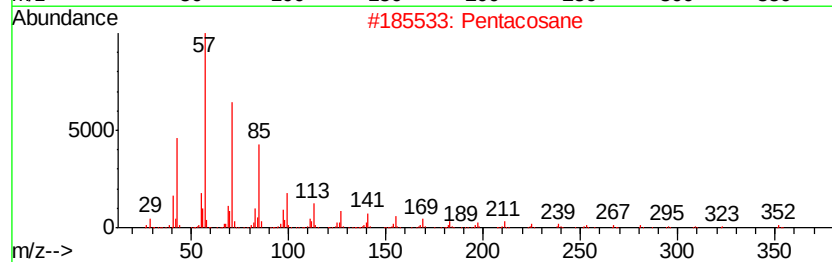
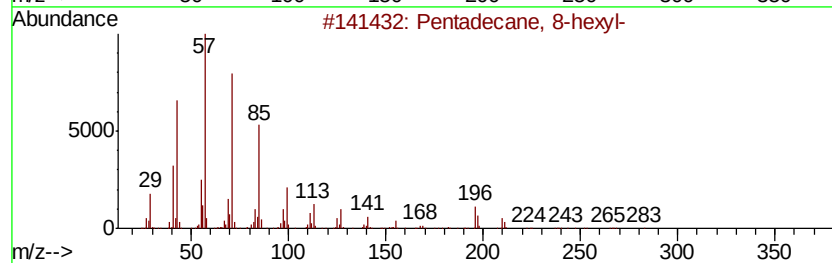
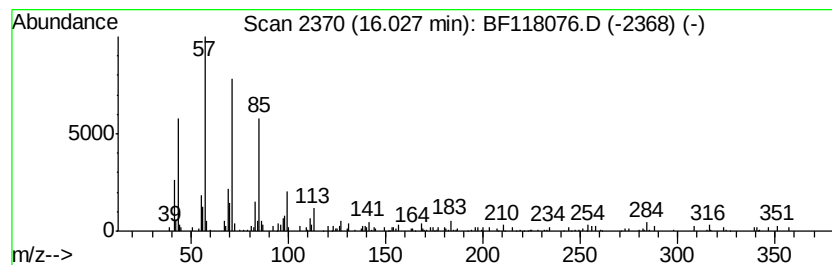
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 8-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.76 ng	210349	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Hexacosane	366	C26H54	000630-01-3	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Tetratetracontane	619	C44H90	007098-22-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118076.D
 Acq On : 3 Dec 2019 21:44
 Operator : JU
 Sample : K6024-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2-(0.5-1.0)

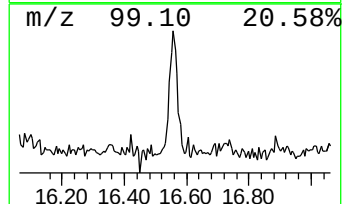
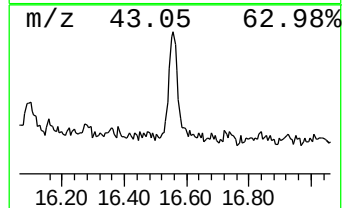
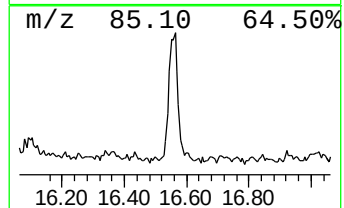
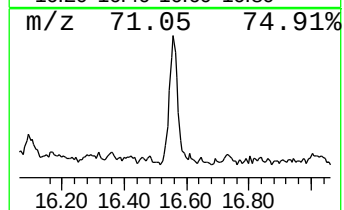
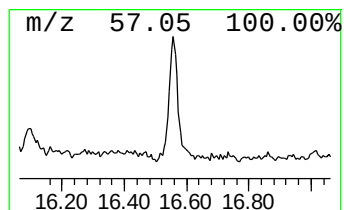
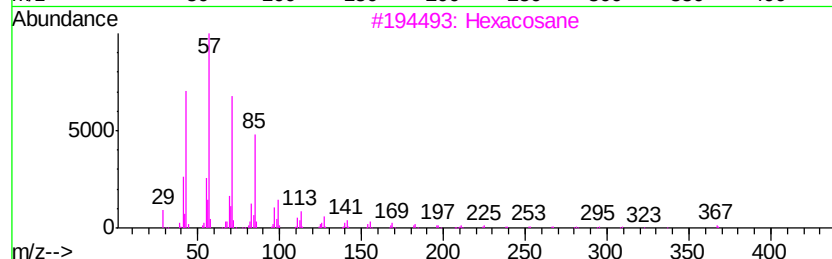
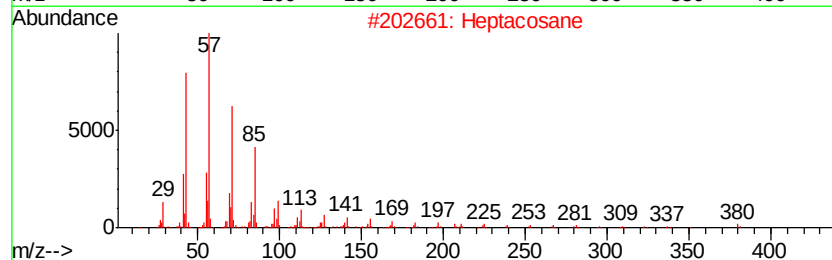
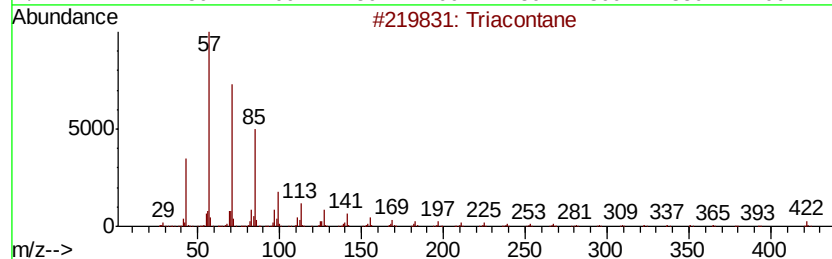
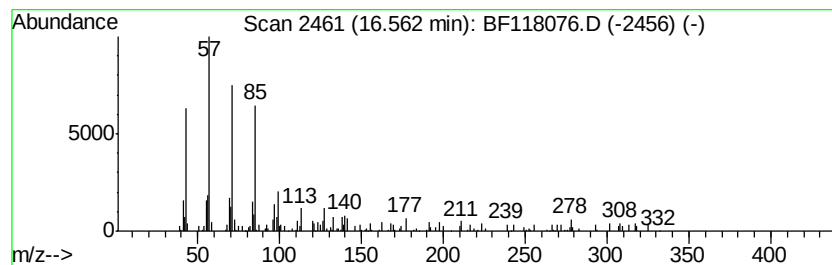
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 Triacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.09 ng	117094	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120319\
 Data File : BF118076.D
 Acq On : 3 Dec 2019 21:44
 Operator : JU
 Sample : K6024-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2-(0.5-1.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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-methoxy...	2.16	19.5	ng	768903	1	6.87	787537	20.0
2-Pentanone, 4-hy...	5.09	14.1	ng	554436	1	6.87	787537	20.0
unknown6.65	6.65	79.8	ng	3141010	1	6.87	787537	20.0
Phenanthrene, 2-m...	11.92	3.0	ng	188093	4	11.42	1258060	20.0
n-Hexadecanoic acid	11.95	14.1	ng	888888	4	11.42	1258060	20.0
4H-Cyclopenta[def...	12.03	4.3	ng	272173	4	11.42	1258060	20.0
Naphthalene, 2-ph...	12.22	2.1	ng	130124	4	11.42	1258060	20.0
9,10-Anthracenedione	12.24	2.8	ng	176562	4	11.42	1258060	20.0
Cyclopenta(def)ph...	12.56	2.3	ng	142051	4	11.42	1258060	20.0
Octadecanoic acid	12.73	4.9	ng	306868	4	11.42	1258060	20.0
Pyrene, 1-methyl-	13.08	2.0	ng	202527	5	14.07	1991880	20.0
11H-Benzo[a]fluor...	13.91	5.8	ng	575435	5	14.07	1991880	20.0
Heneicosane	14.53	2.1	ng	206409	5	14.07	1991880	20.0
Nonadecane	14.84	2.7	ng	150349	6	15.57	1119680	20.0
Supraene	14.92	7.2	ng	400255	6	15.57	1119680	20.0
Benzo[e]pyrene	15.43	9.1	ng	507085	6	15.57	1119680	20.0
Pentadecane, 8-he...	16.03	3.8	ng	210349	6	15.57	1119680	20.0
Triacontane	16.56	2.1	ng	117094	6	15.57	1119680	20.0