

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118075.D
 Acq On : 3 Dec 2019 21:16
 Operator : JU
 Sample : K6024-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4-(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	2.152	4	11	19	rVB	604719	767597	24.42%	1.512%
2	2.522	68	74	79	rVB	25486	37571	1.20%	0.074%
3	5.087	505	510	518	rVB	426221	515995	16.41%	1.017%
4	5.493	575	579	582	rBV	2843770	2643041	84.08%	5.207%
5	6.504	746	751	754	rBV	2864249	2806131	89.27%	5.528%
6	6.645	771	775	778	rBV	3515800	3018558	96.03%	5.947%
7	6.875	811	814	818	rBV	1054199	803707	25.57%	1.583%
8	7.034	837	841	844	rBV	2824664	2256227	71.77%	4.445%
9	7.440	905	910	913	rBV	1981138	1783612	56.74%	3.514%
10	8.163	1029	1033	1036	rBV	1253863	1046342	33.29%	2.061%
11	9.239	1212	1216	1219	rBV	3504753	3143493	100.00%	6.193%
12	9.633	1280	1283	1291	rVB	591637	462288	14.71%	0.911%
13	9.786	1305	1309	1312	rBV	41165	41099	1.31%	0.081%
14	9.922	1328	1332	1336	rBV	1366039	1257630	40.01%	2.478%
15	10.122	1362	1366	1372	rBV2	57841	62935	2.00%	0.124%
16	10.716	1463	1467	1478	rBV	2698034	2437894	77.55%	4.803%
17	11.222	1550	1553	1557	rBV	46247	40723	1.30%	0.080%
18	11.275	1557	1562	1564	rBV3	28675	41276	1.31%	0.081%
19	11.416	1582	1586	1588	rBV	1530347	1318973	41.96%	2.598%
20	11.439	1588	1590	1594	rVV	729180	603261	19.19%	1.188%
21	11.492	1594	1599	1602	rVV	143336	153901	4.90%	0.303%
22	11.645	1621	1625	1628	rBV2	62232	73356	2.33%	0.145%
23	11.922	1668	1672	1673	rBV	173323	149269	4.75%	0.294%
24	11.945	1673	1676	1683	rVV3	1329893	1349231	42.92%	2.658%
25	11.998	1683	1685	1688	rVV	85345	92252	2.93%	0.182%
26	12.033	1688	1691	1693	rVV2	224298	246568	7.84%	0.486%
27	12.057	1693	1695	1699	rVB	123326	108374	3.45%	0.214%
28	12.216	1719	1722	1724	rBV	110245	87427	2.78%	0.172%
29	12.239	1724	1726	1730	rVB2	94395	92189	2.93%	0.182%
30	12.474	1762	1766	1769	rBV	108748	138518	4.41%	0.273%
31	12.510	1769	1772	1774	rVV2	71037	88168	2.80%	0.174%
32	12.557	1777	1780	1785	rVB	122735	139099	4.42%	0.274%
33	12.639	1790	1794	1798	rBV	1623725	1448575	46.08%	2.854%
34	12.733	1806	1810	1814	rBV	844971	800004	25.45%	1.576%

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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

35	12.869	1827	1833	1838	rBV	1426456	1450569	46.15%	2.858%
36	12.916	1838	1841	1845	rVB2	69796	88868	2.83%	0.175%
37	13.010	1853	1857	1860	rBV	3584183	2977196	94.71%	5.865%
38	13.086	1866	1870	1873	rBV2	90740	137834	4.38%	0.272%
39	13.169	1881	1884	1886	rBV2	80836	97186	3.09%	0.191%
40	13.192	1886	1888	1891	rVB2	126196	123232	3.92%	0.243%
41	13.298	1903	1906	1909	rBV2	138711	135591	4.31%	0.267%
42	13.392	1920	1922	1924	rVB	82103	60243	1.92%	0.119%
43	13.421	1924	1927	1931	rBV2	86255	88625	2.82%	0.175%
44	13.580	1952	1954	1956	rVB	62944	44763	1.42%	0.088%
45	13.704	1972	1975	1981	rVB	148971	128959	4.10%	0.254%
46	13.816	1990	1994	1997	rBV2	158505	237977	7.57%	0.469%
47	13.845	1997	1999	2001	rVV	171501	191947	6.11%	0.378%
48	13.869	2001	2003	2006	rVV2	202831	315205	10.03%	0.621%
49	13.910	2006	2010	2021	rVB3	631103	937104	29.81%	1.846%
50	14.069	2032	2037	2040	rBV2	1435529	1809425	57.56%	3.565%
51	14.092	2040	2041	2047	rVB	589341	500643	15.93%	0.986%
52	14.174	2053	2055	2060	rVB2	115175	122683	3.90%	0.242%
53	14.227	2060	2064	2067	rBV	568979	504342	16.04%	0.994%
54	14.257	2067	2069	2071	rVB2	61235	54848	1.74%	0.108%
55	14.457	2100	2103	2105	rVB	127829	97559	3.10%	0.192%
56	14.533	2112	2116	2122	rVB	992679	924970	29.42%	1.822%
57	14.845	2165	2169	2173	rBV	1184371	1168165	37.16%	2.301%
58	14.921	2180	2182	2185	rBV2	58273	65155	2.07%	0.128%
59	15.121	2212	2216	2220	rBV	541393	882303	28.07%	1.738%
60	15.192	2224	2228	2232	rBV	1111135	1347831	42.88%	2.655%
61	15.233	2233	2235	2239	rVB	135834	135857	4.32%	0.268%
62	15.433	2266	2269	2275	rVB	352324	458524	14.59%	0.903%
63	15.498	2276	2280	2286	rVV	503386	701762	22.32%	1.383%
64	15.568	2287	2292	2293	rVV	941902	1211812	38.55%	2.387%
65	15.586	2293	2295	2303	rVB2	1010507	1225976	39.00%	2.415%
66	16.033	2366	2371	2377	rBV	571945	864796	27.51%	1.704%
67	16.557	2455	2460	2466	rVB	288580	484453	15.41%	0.954%
68	17.068	2542	2547	2557	rVB2	224898	460841	14.66%	0.908%
69	17.162	2558	2563	2571	rVB3	99299	221202	7.04%	0.436%
70	17.257	2575	2579	2583	rBV	43944	73734	2.35%	0.145%
71	17.527	2619	2625	2636	rVB	182283	372158	11.84%	0.733%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

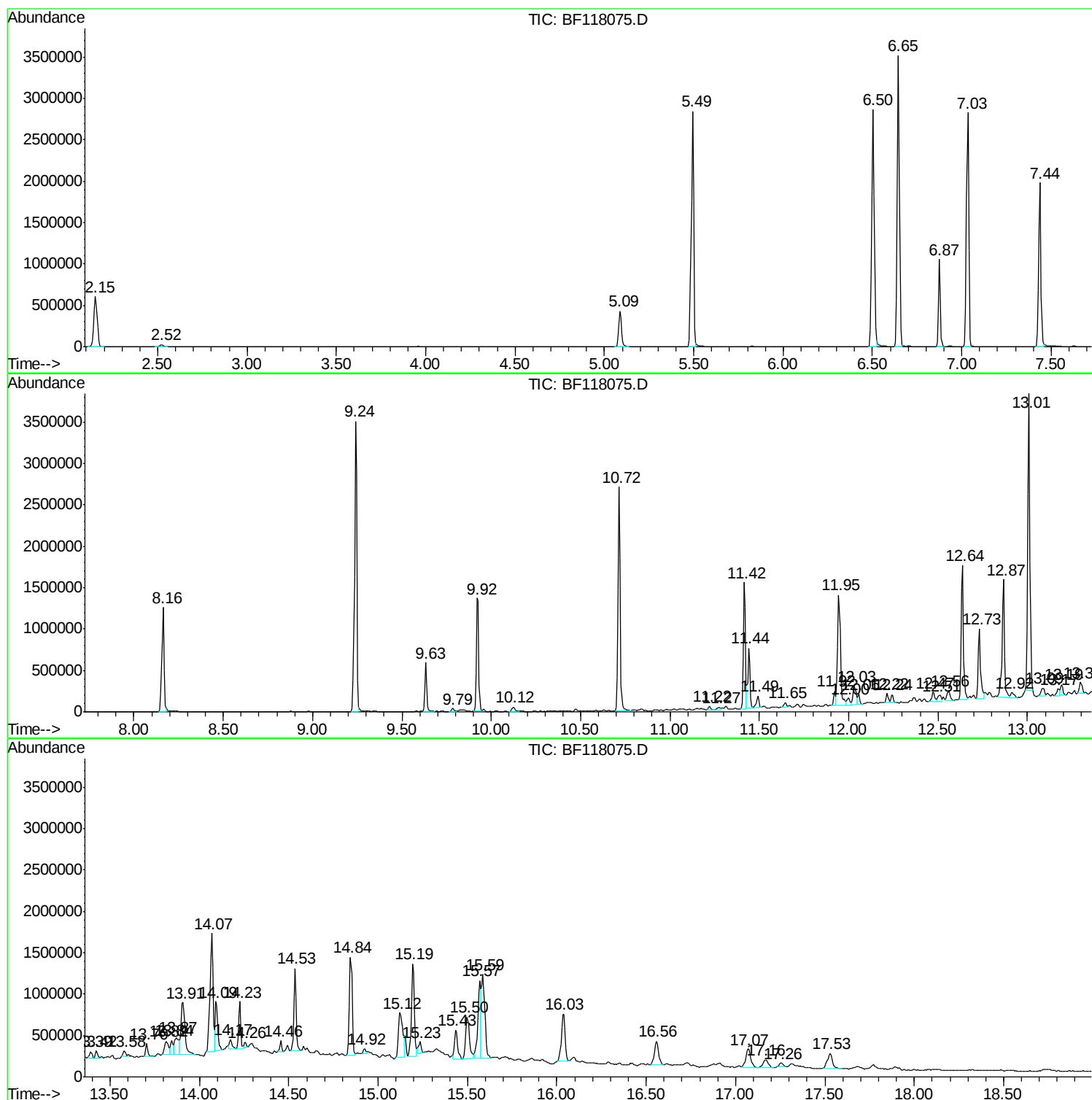
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Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
B-4-(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



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Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

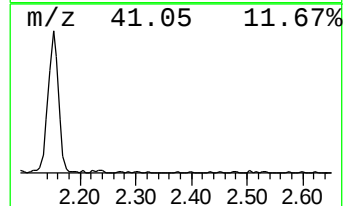
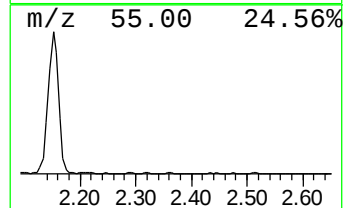
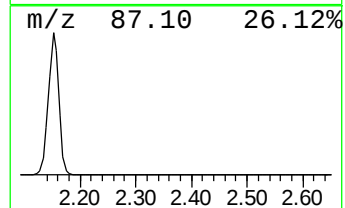
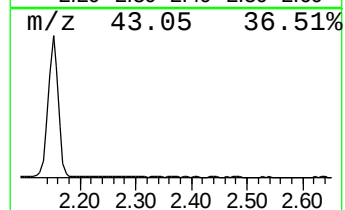
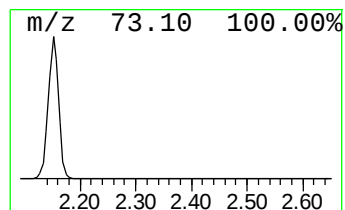
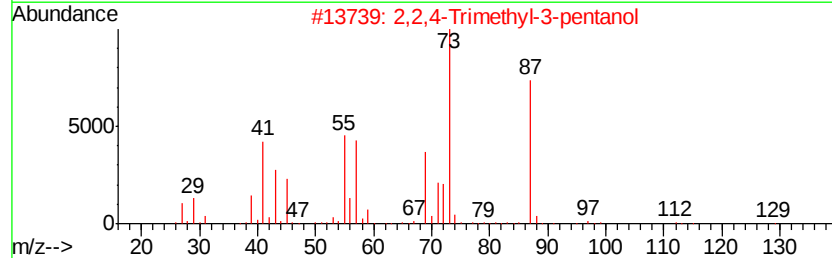
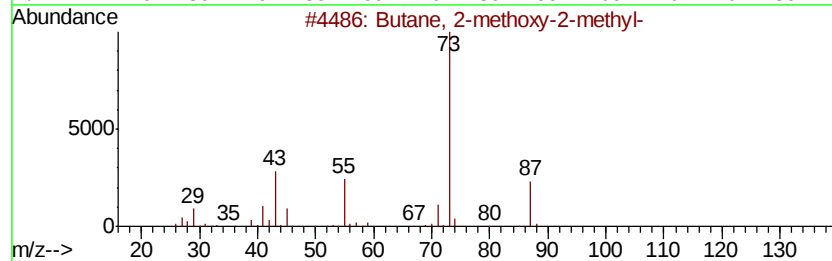
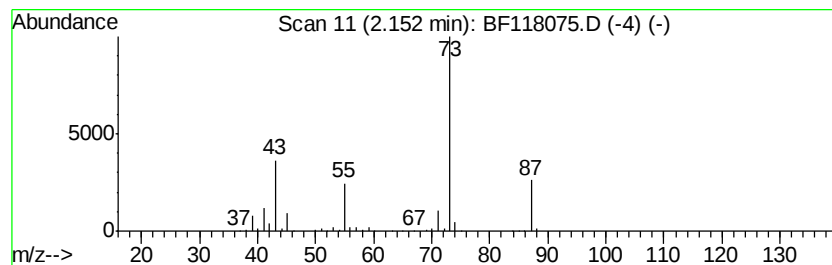
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	19.10 ng	767597	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	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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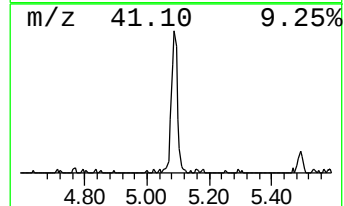
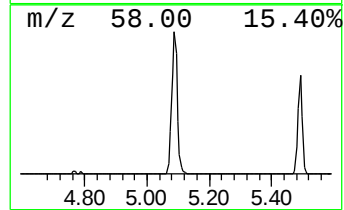
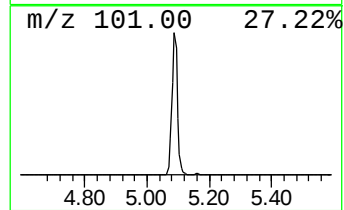
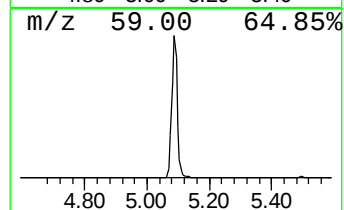
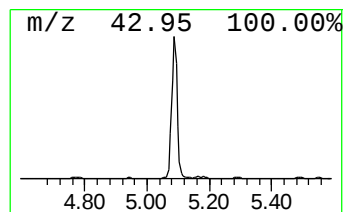
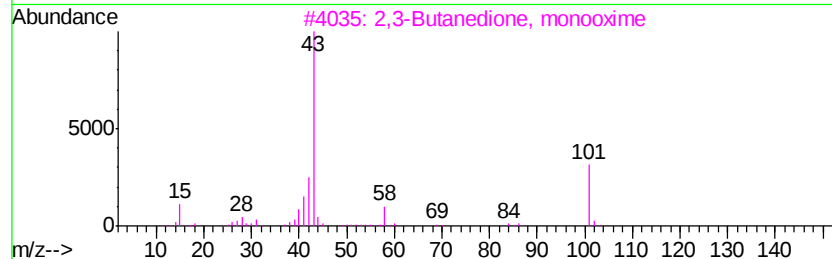
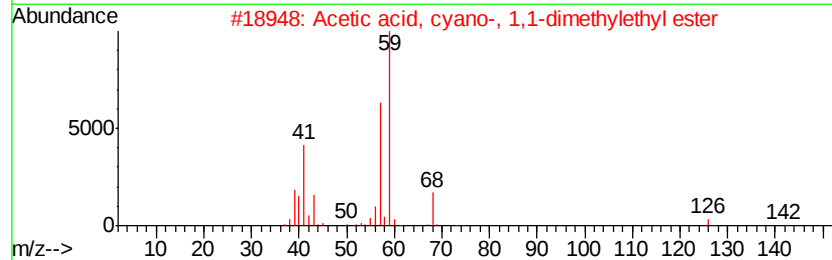
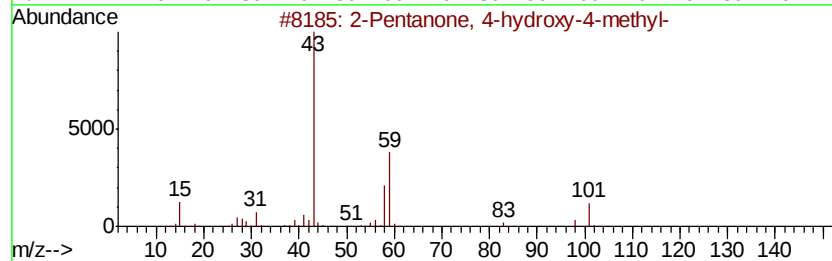
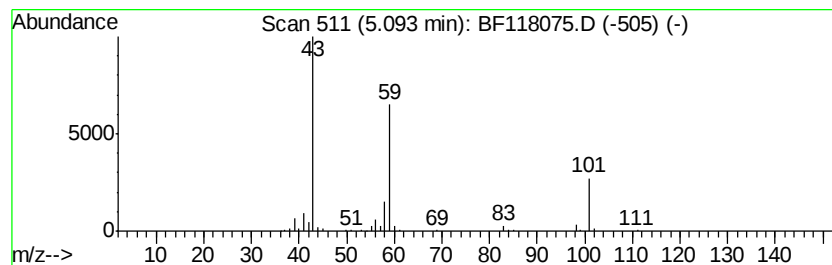
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	12.84 ng	515995	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	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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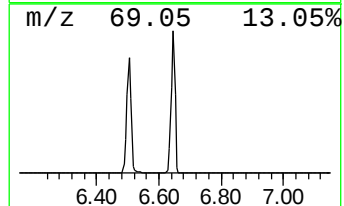
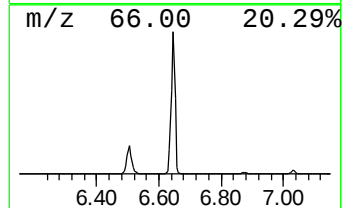
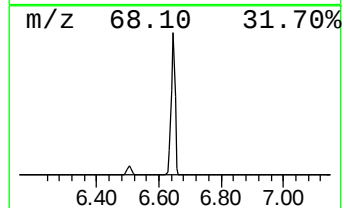
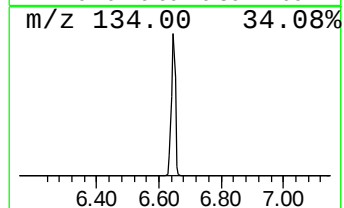
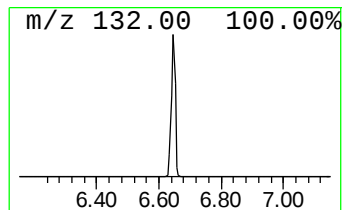
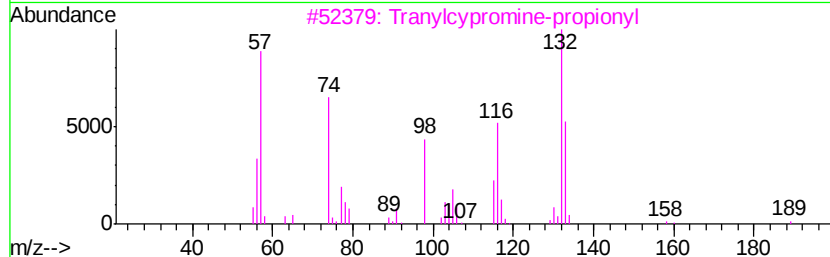
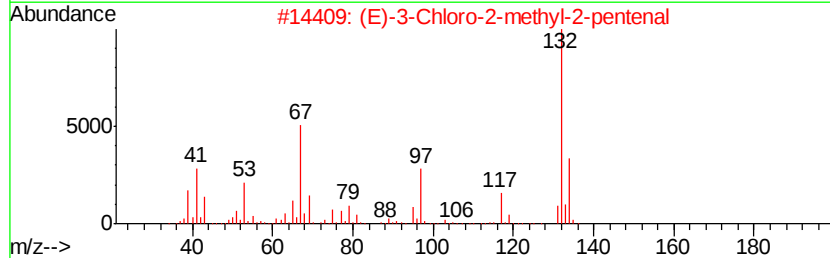
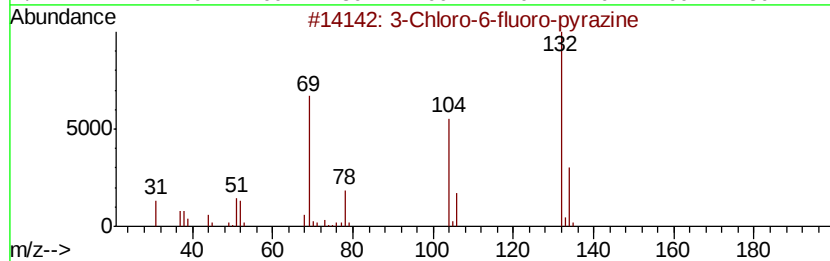
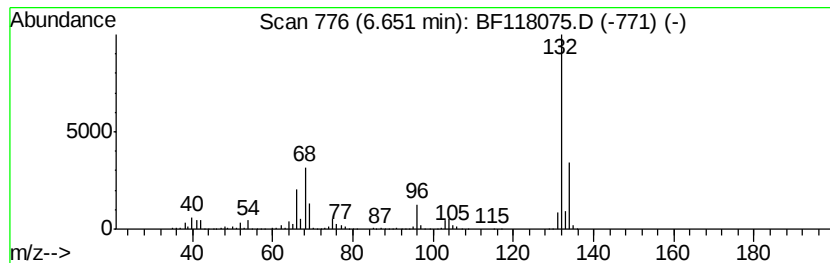
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	75.12 ng	3018560	1,4-Dichlorobenzene-d4	6.87

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		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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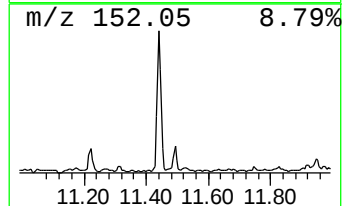
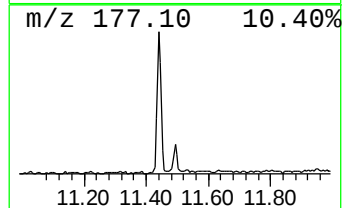
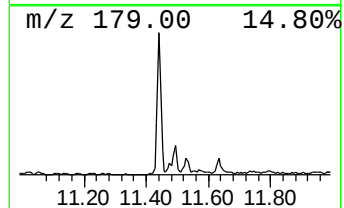
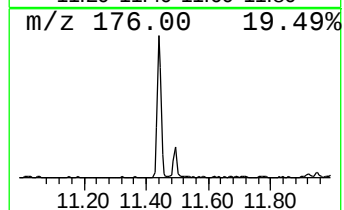
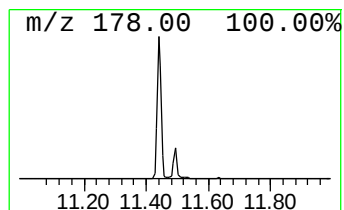
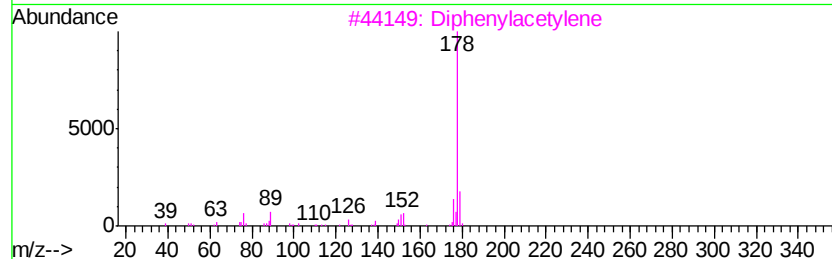
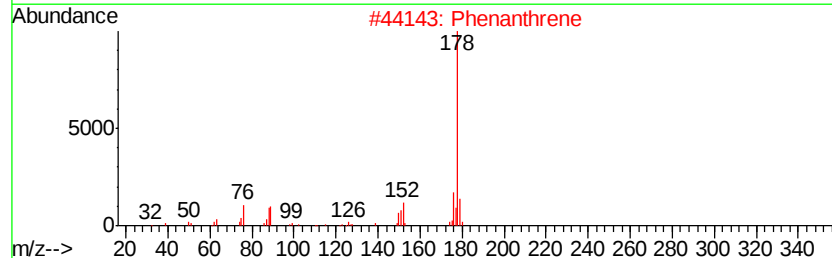
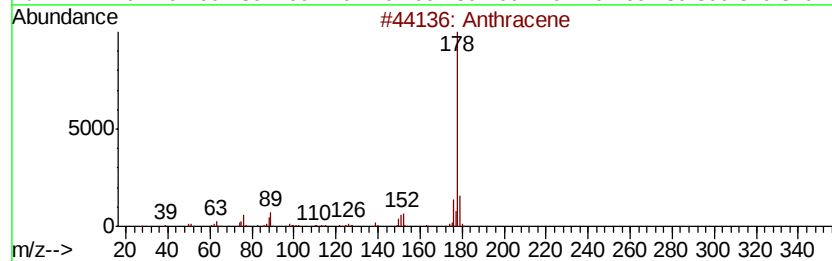
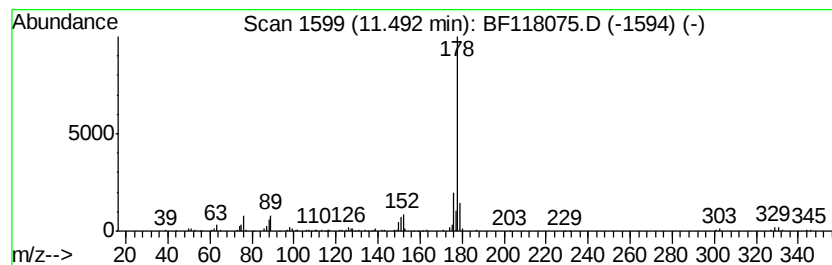
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Diphenylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.33 ng	153901	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene	178	C14H10	000120-12-7	95
2		Phenanthrene	178	C14H10	000085-01-8	90
3		Diphenylacetvlene	178	C14H10	000501-65-5	81
4		9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	81
5		Titanium, bis(.eta.-5-cyclopenta...	352	C21H24SiTi	1000162-91-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-4-(0.5-1.0)

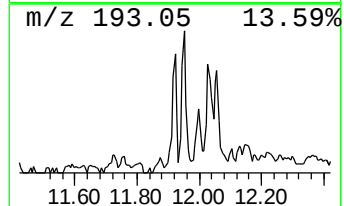
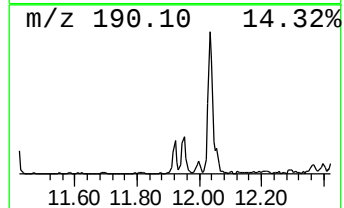
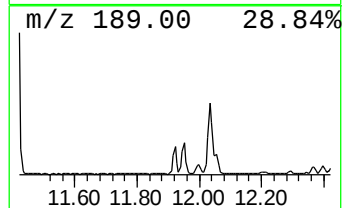
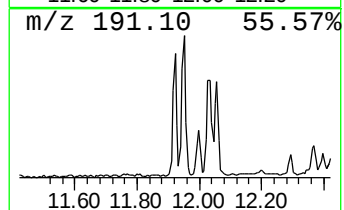
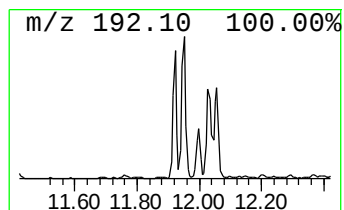
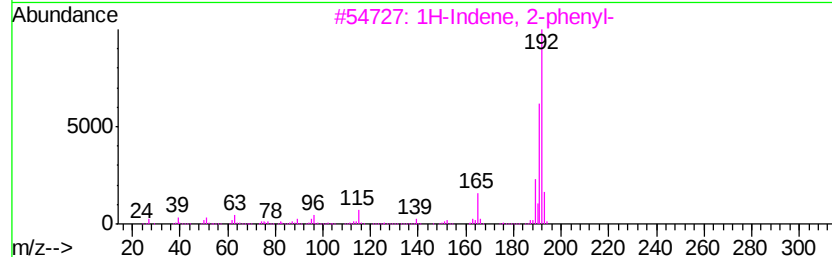
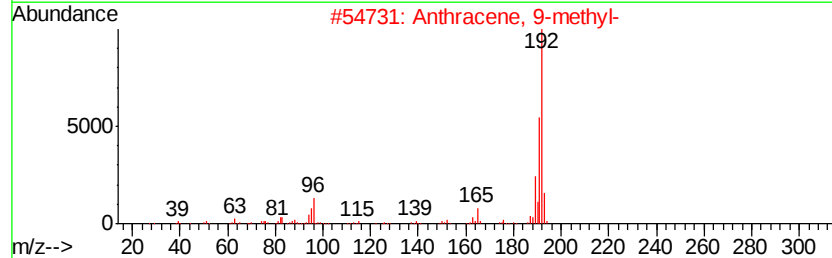
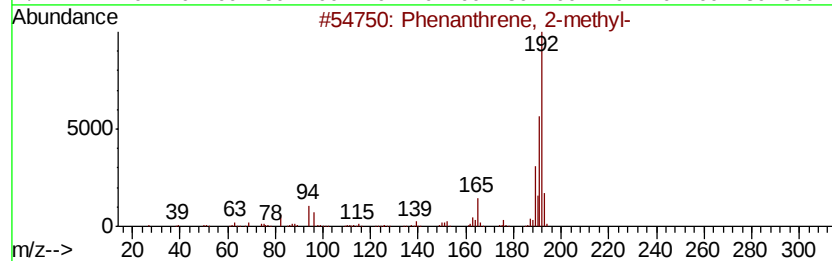
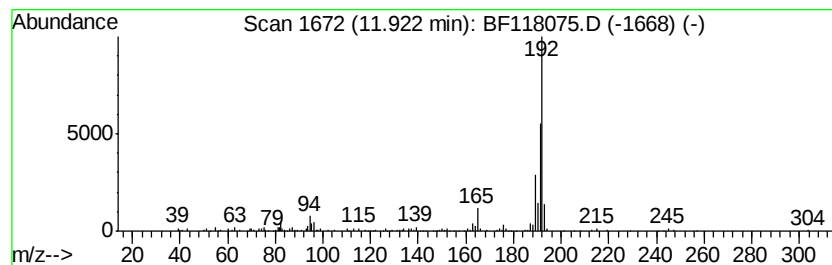
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.26 ng	149269	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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Acq On : 3 Dec 2019 21:16
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Sample : K6024-04
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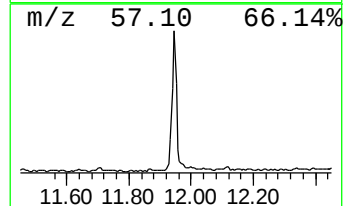
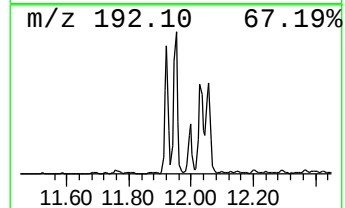
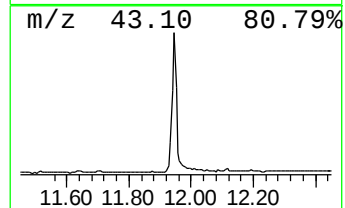
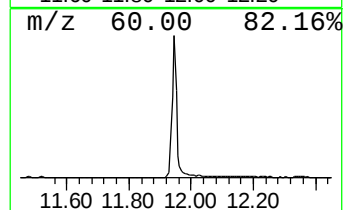
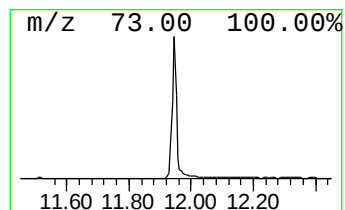
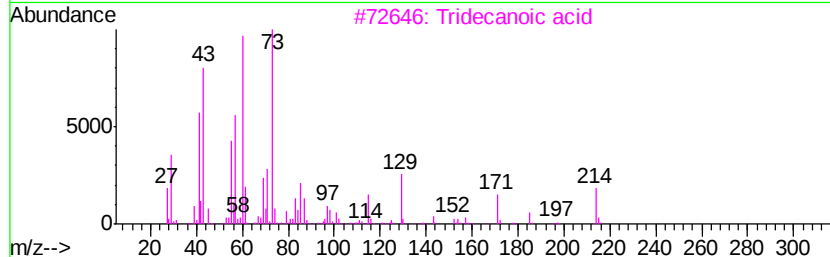
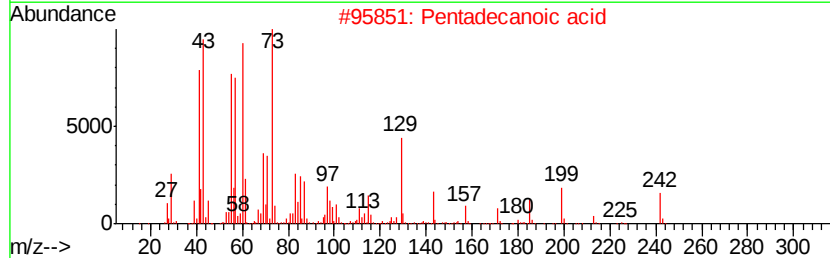
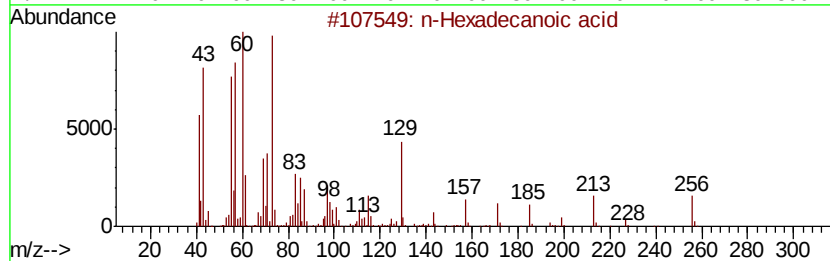
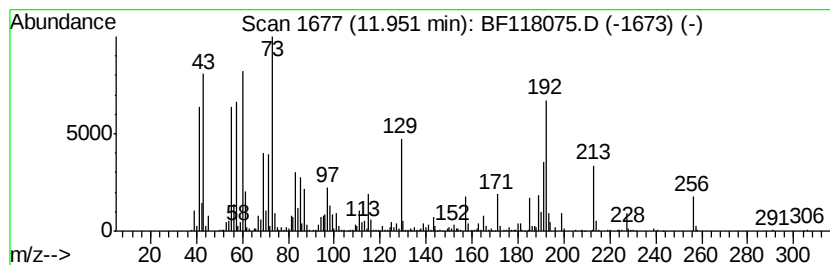
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	20.46 ng	1349230	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

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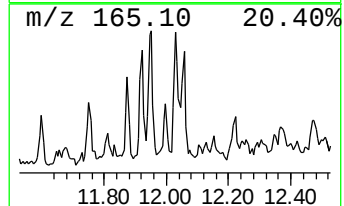
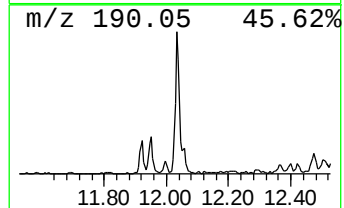
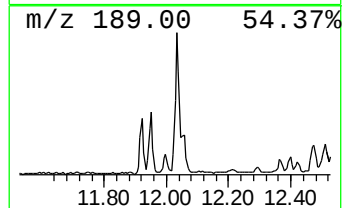
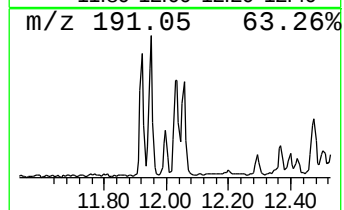
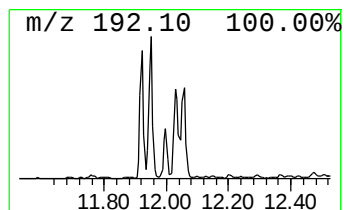
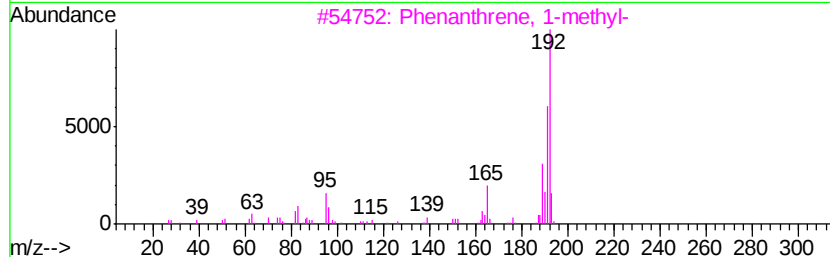
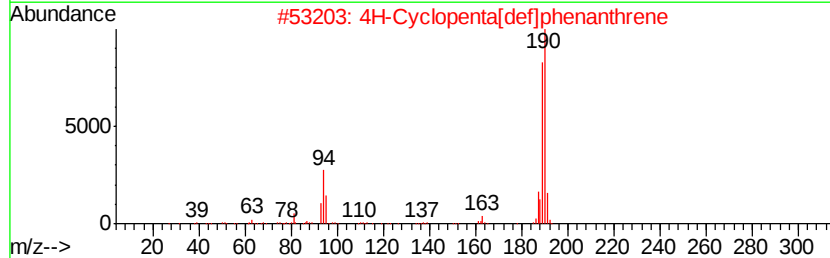
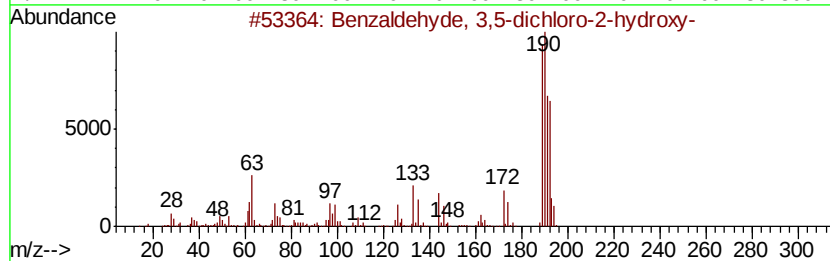
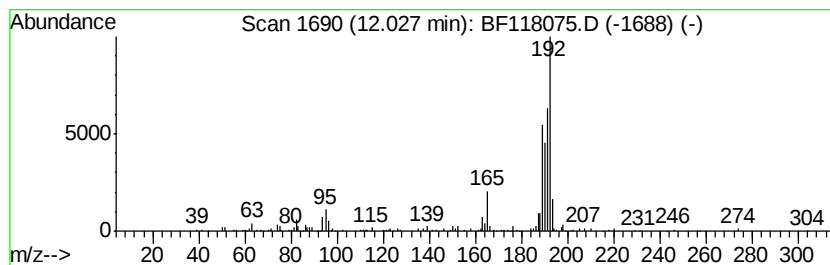
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.74 ng	246568	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyd, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

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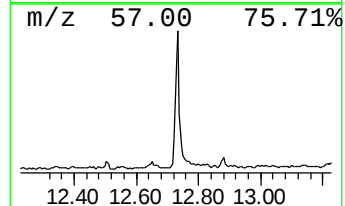
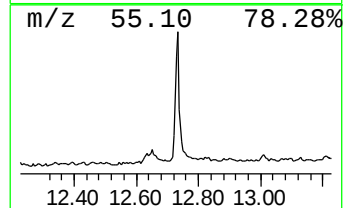
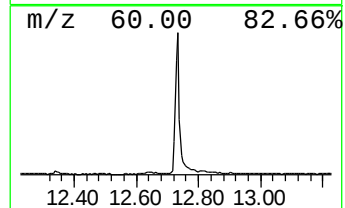
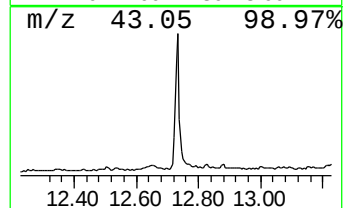
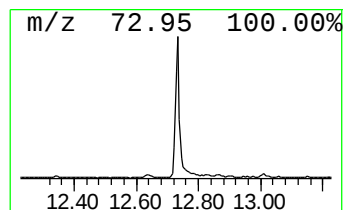
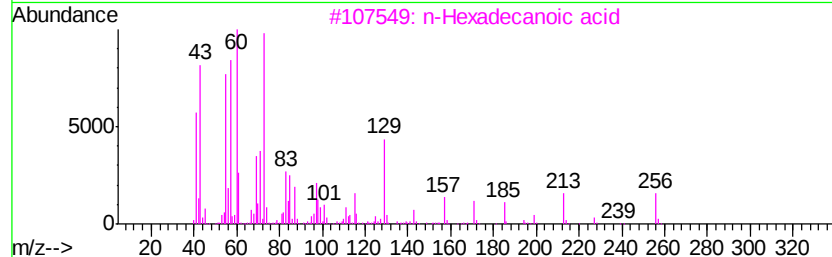
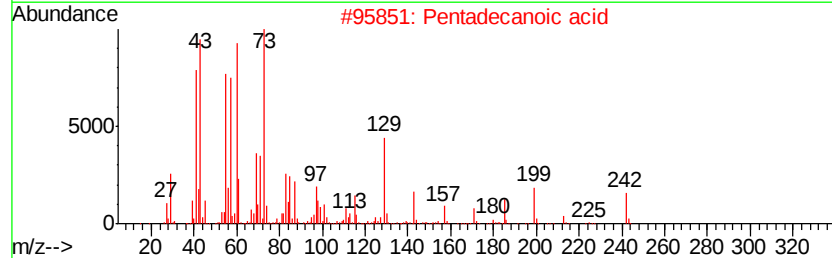
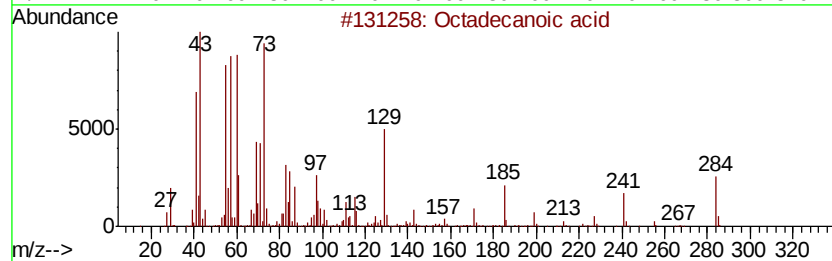
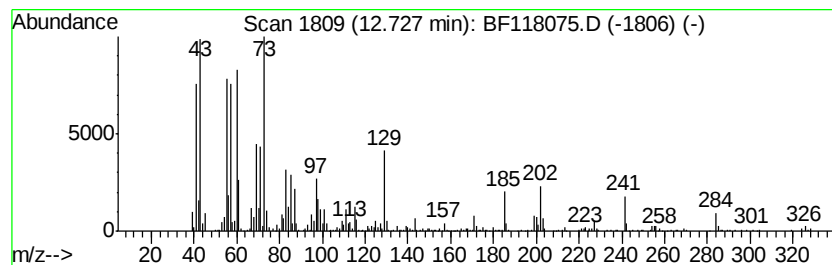
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	12.13 ng	800004	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
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Misc :
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Instrument :
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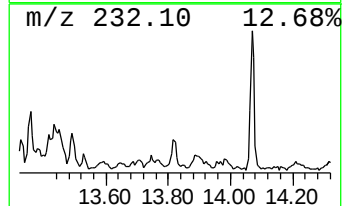
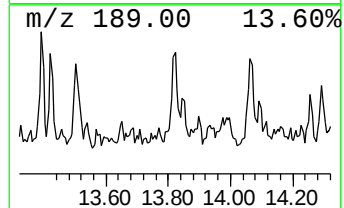
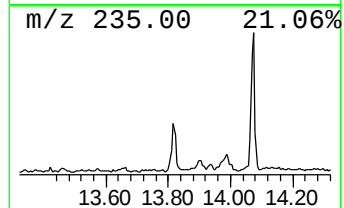
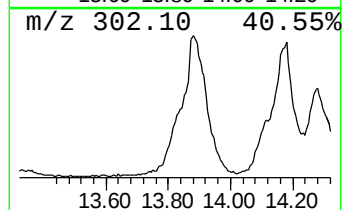
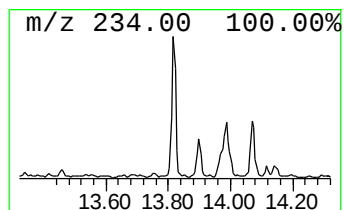
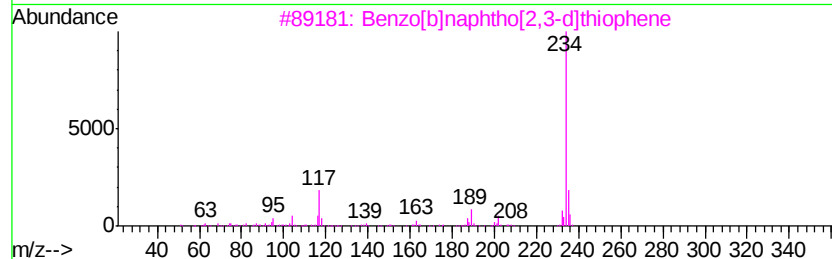
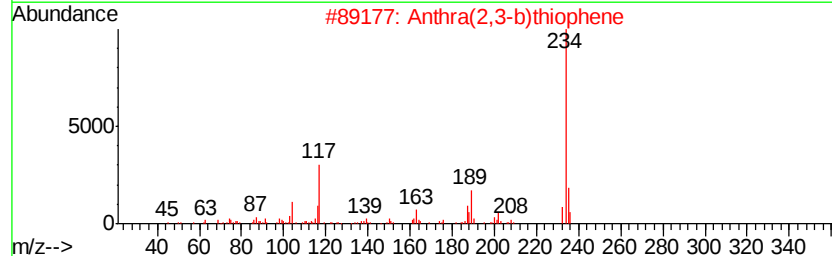
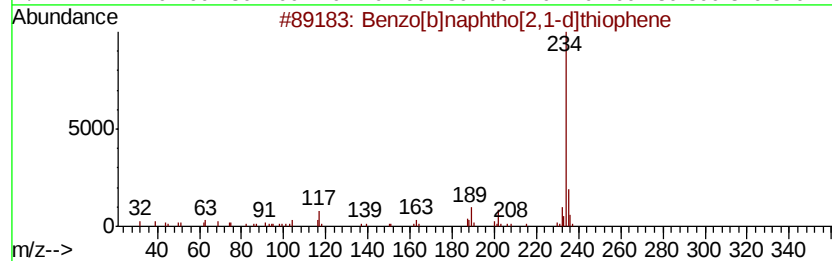
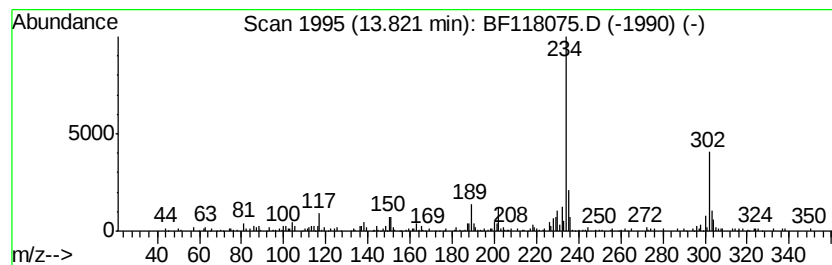
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.63 ng	237977	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	64
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
4			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	58
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
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Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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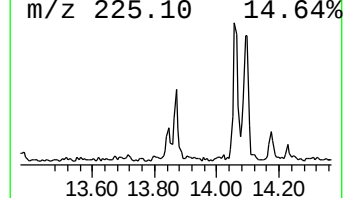
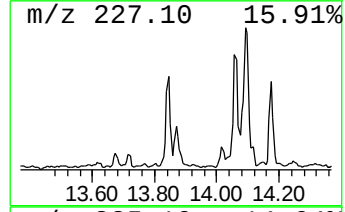
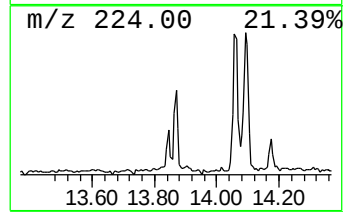
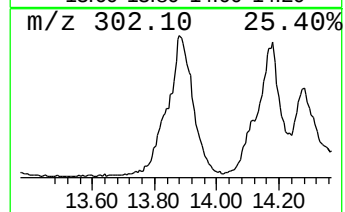
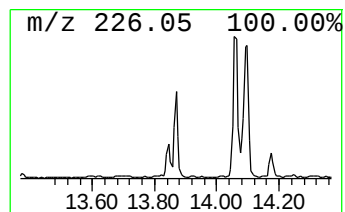
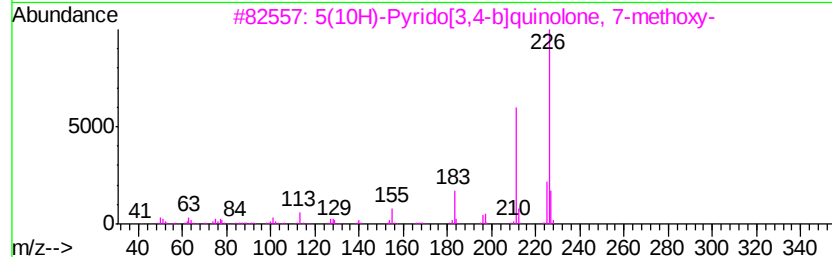
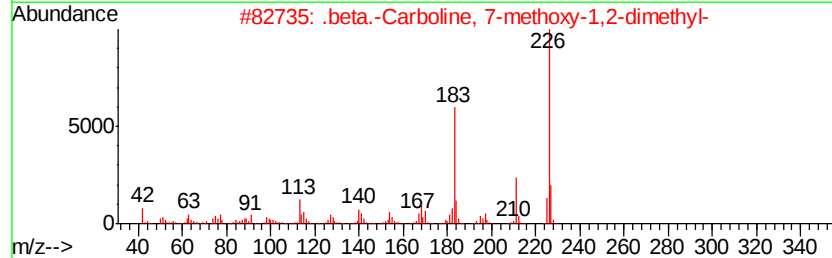
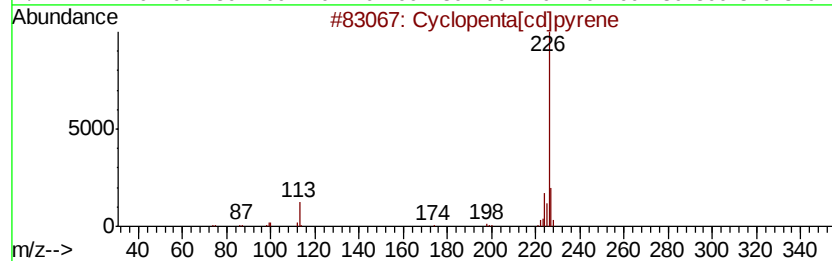
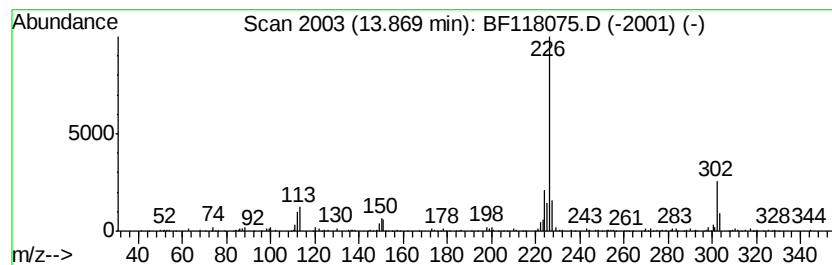
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.48 ng	315205	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3		5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	49
4		p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	46
5		2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

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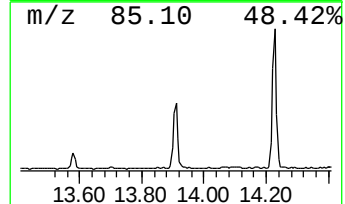
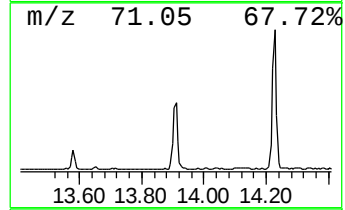
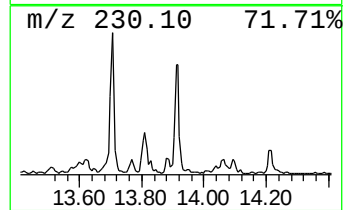
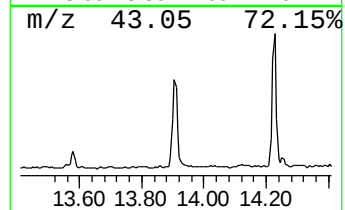
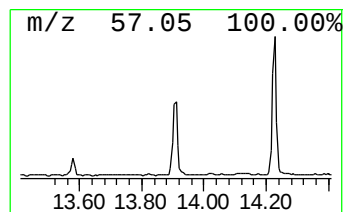
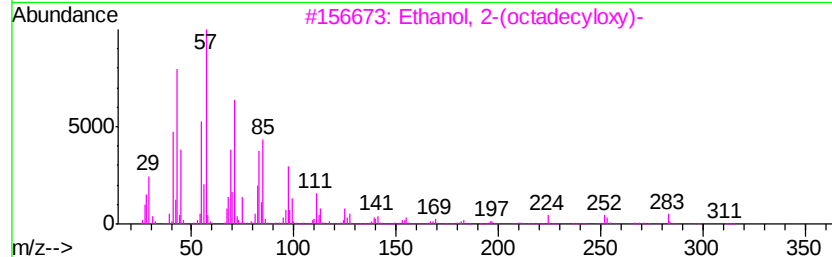
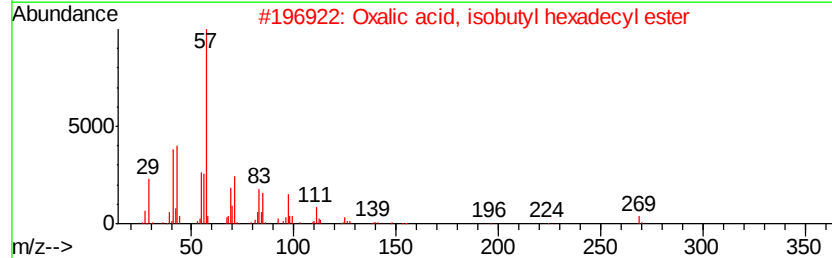
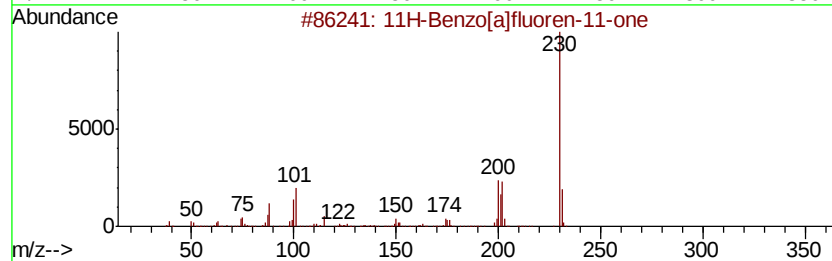
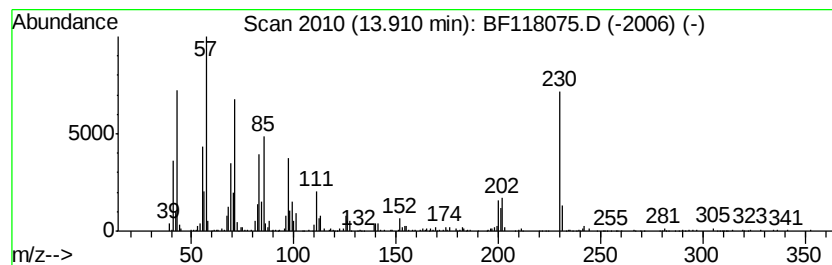
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	10.36 ng	937104	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	66
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
3		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	58
4		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	58
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

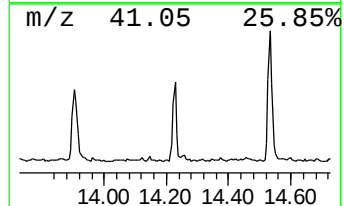
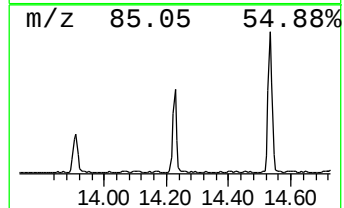
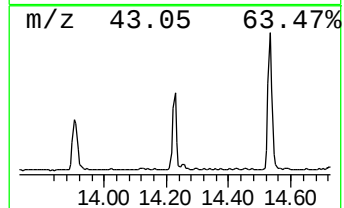
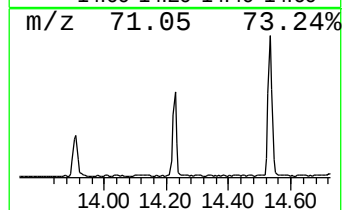
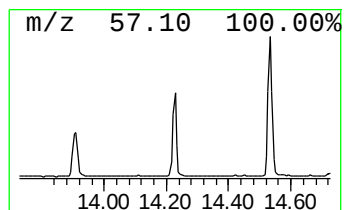
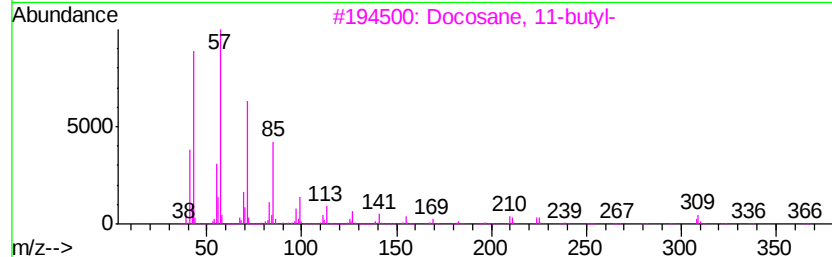
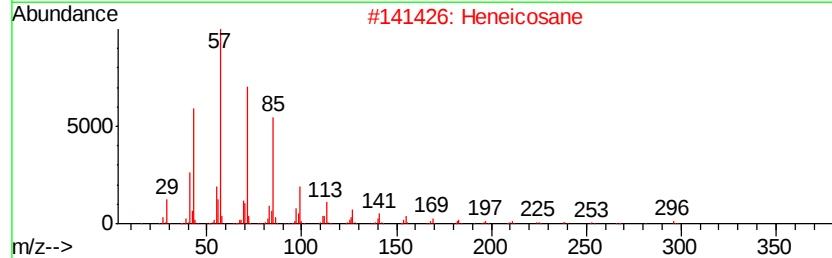
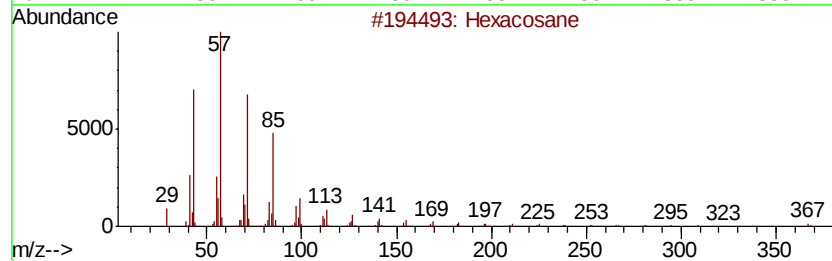
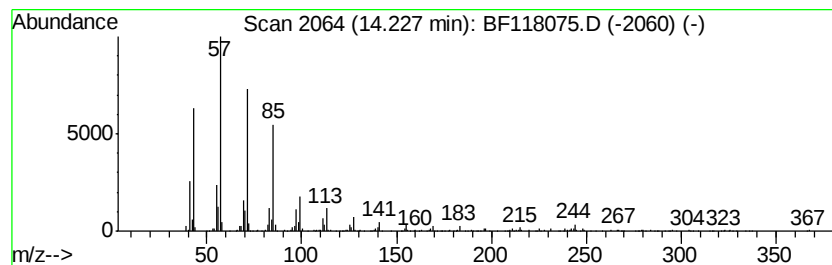
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.57 ng	504342	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

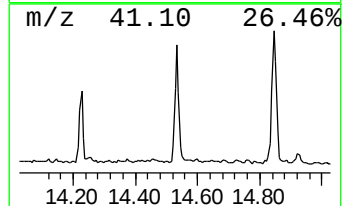
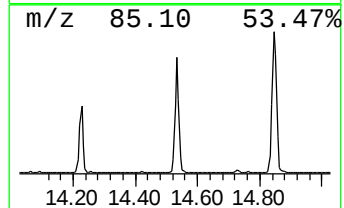
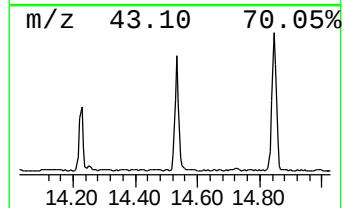
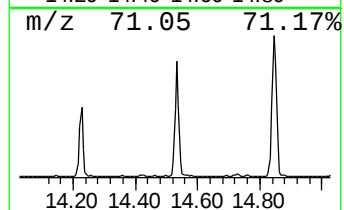
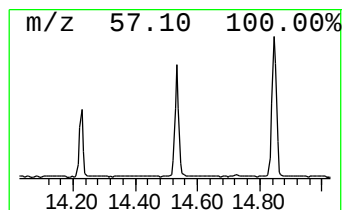
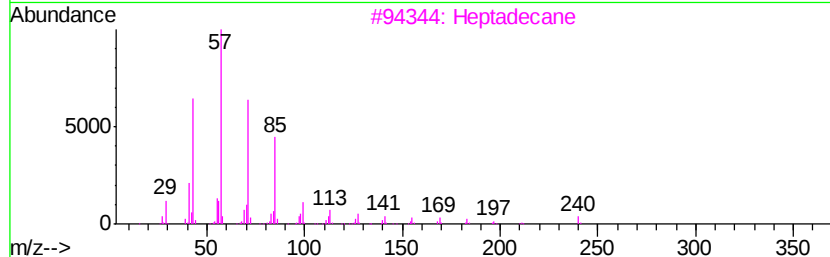
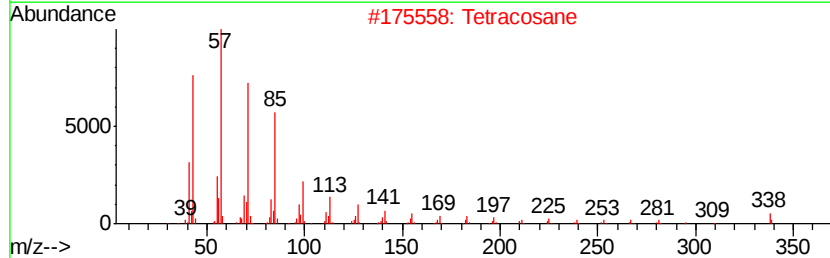
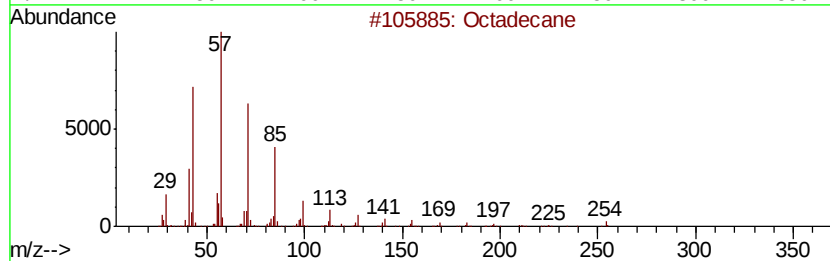
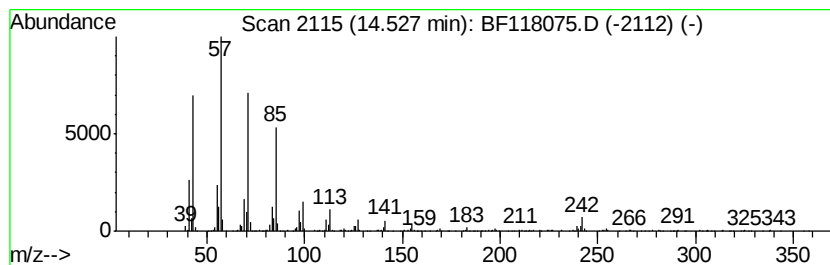
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	10.22 ng	924970	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	98
2		Tetracosane	338	C24H50	000646-31-1	97
3		Heptadecane	240	C17H36	000629-78-7	95
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118075.D
 Acq On : 3 Dec 2019 21:16
 Operator : JU
 Sample : K6024-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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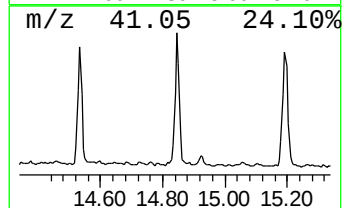
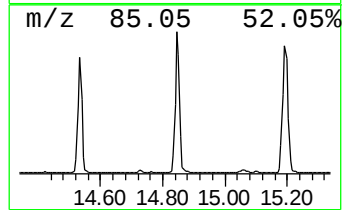
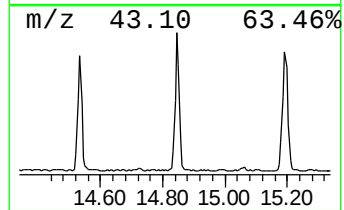
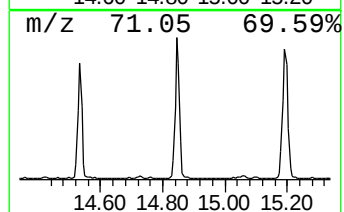
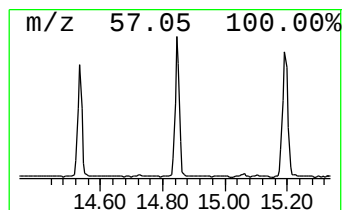
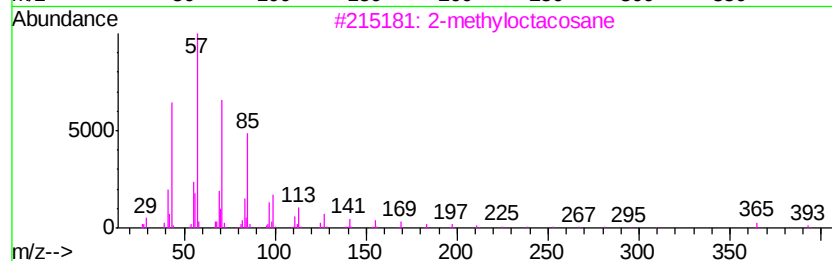
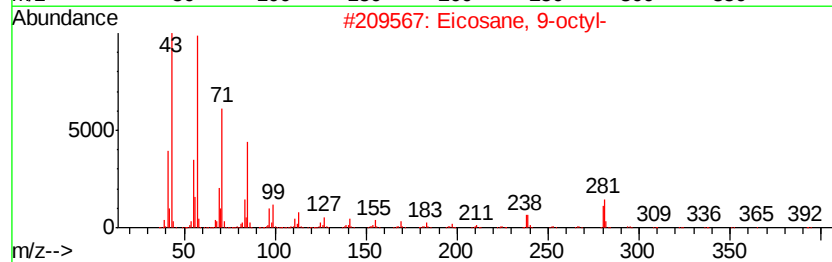
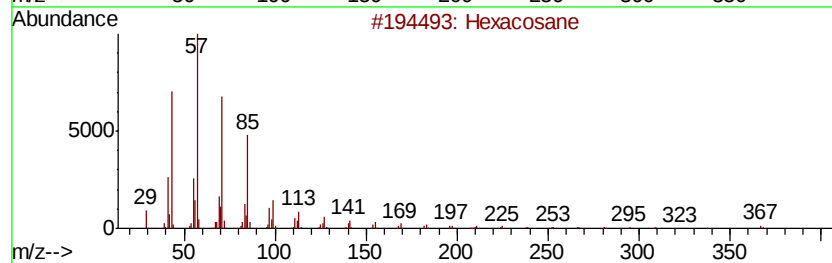
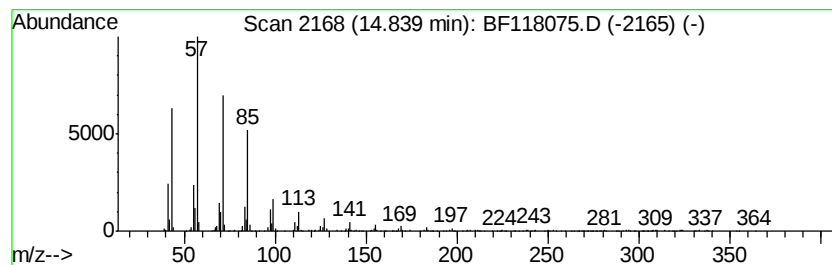
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Eicosane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	19.28 ng	1168170	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

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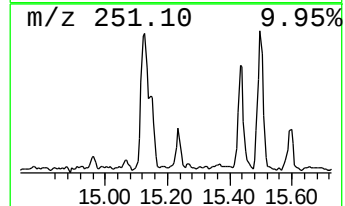
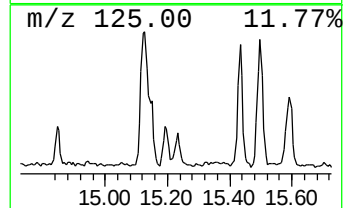
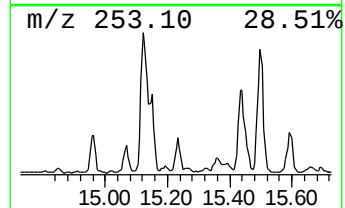
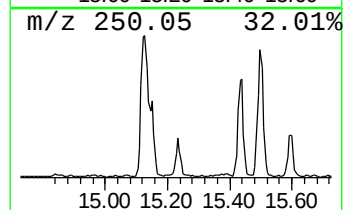
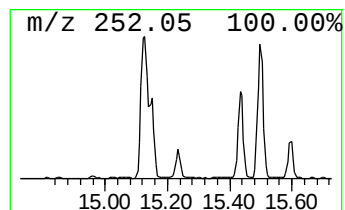
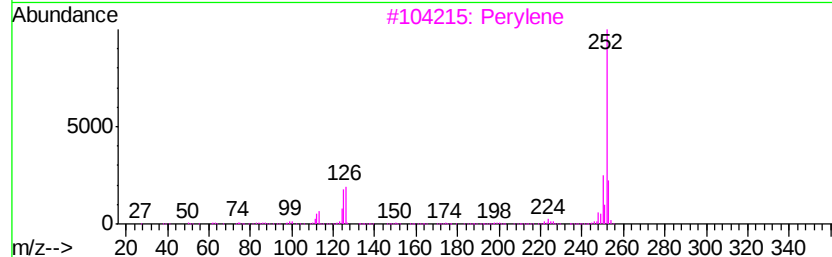
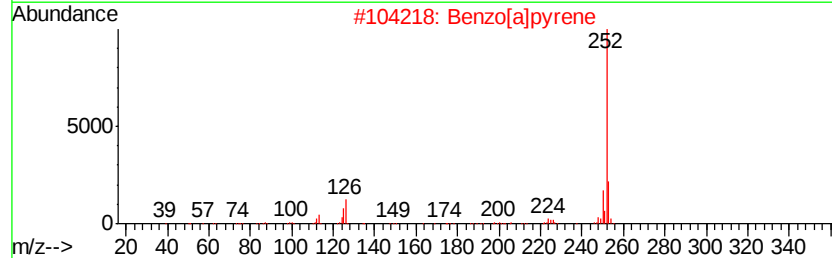
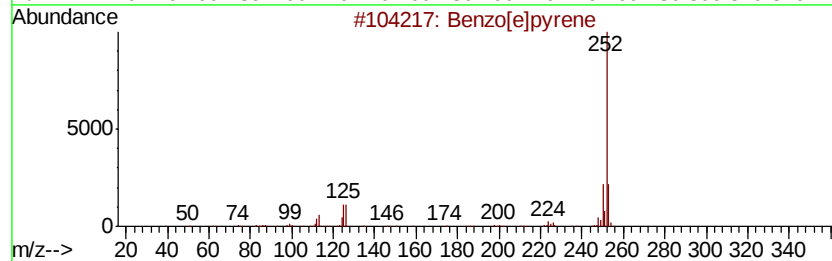
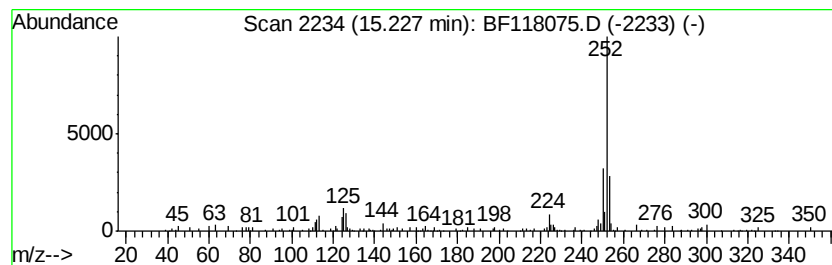
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.24 ng	135857	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

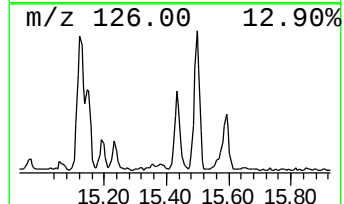
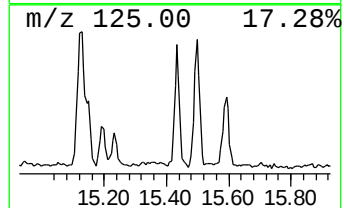
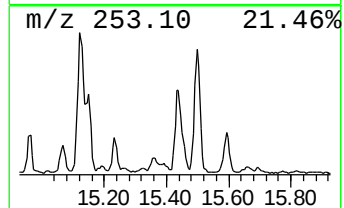
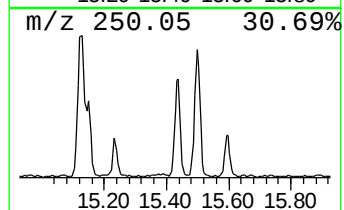
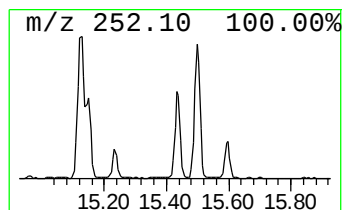
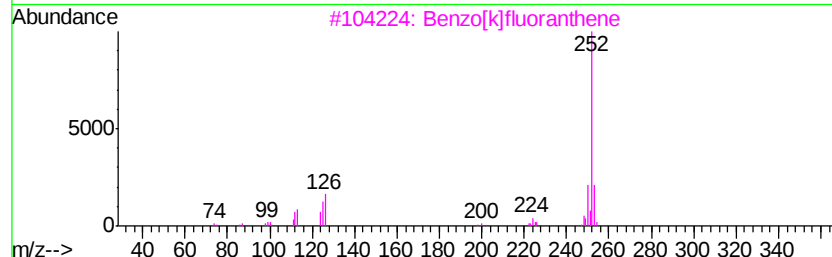
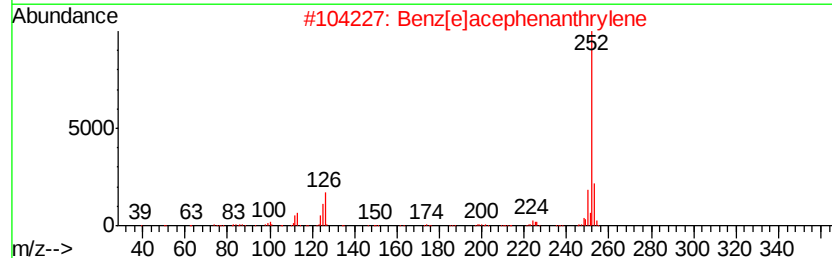
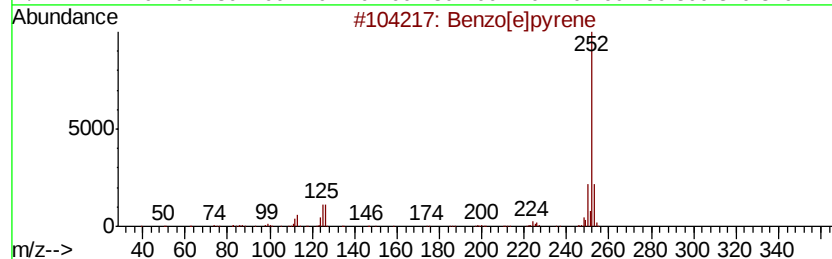
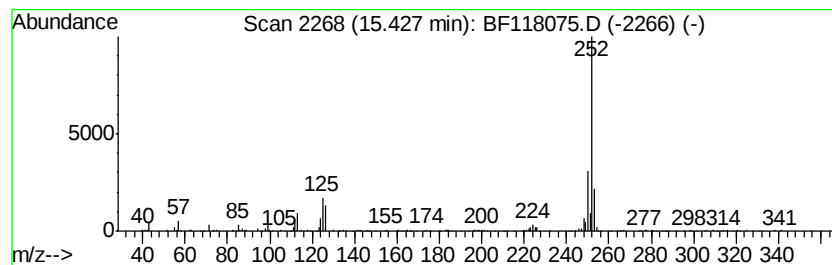
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	7.57 ng	458524	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[el]pylene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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 Acq On : 3 Dec 2019 21:16
 Operator : JU
 Sample : K6024-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 B-4-(0.5-1.0)

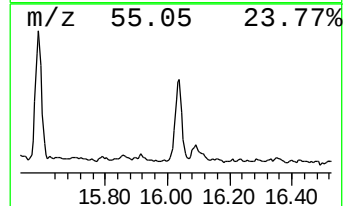
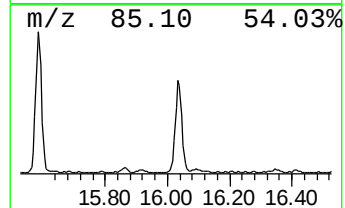
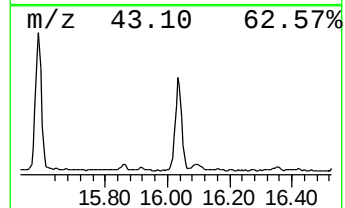
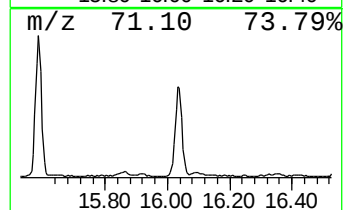
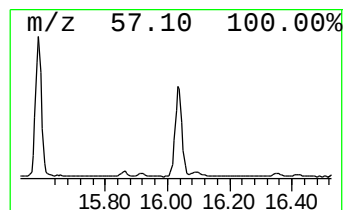
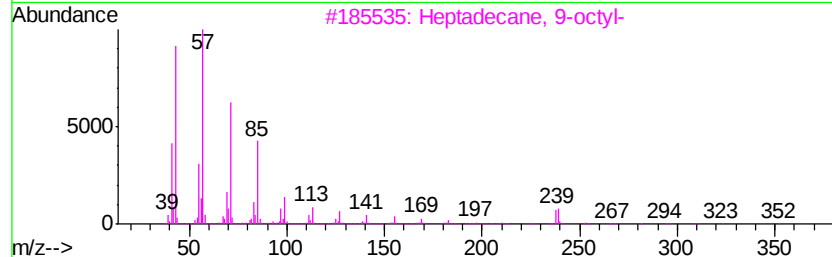
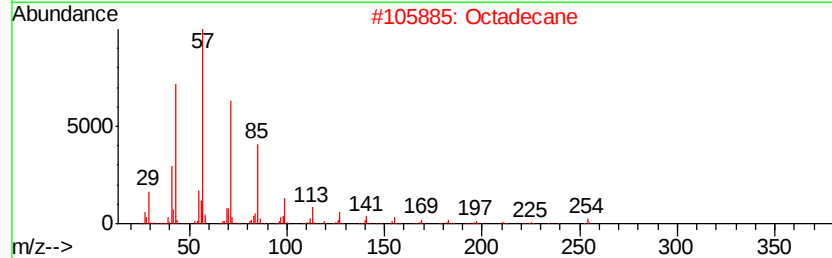
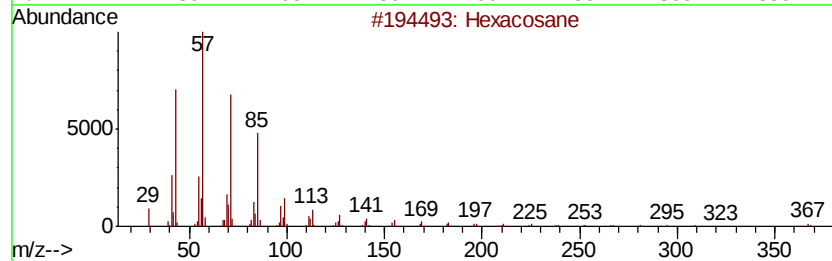
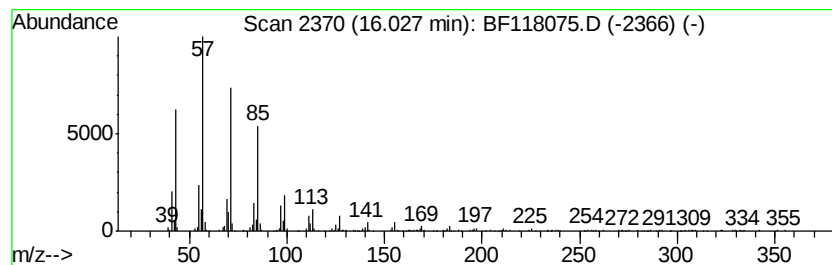
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	14.27 ng	864796	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane	254	C18H38	000593-45-3	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

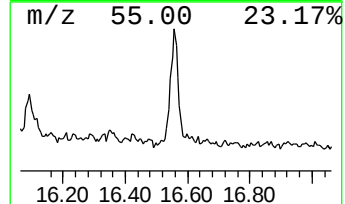
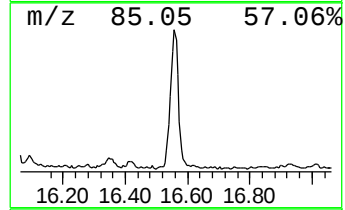
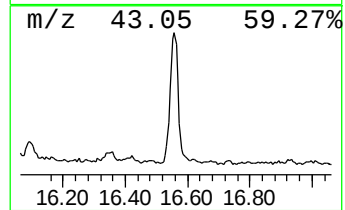
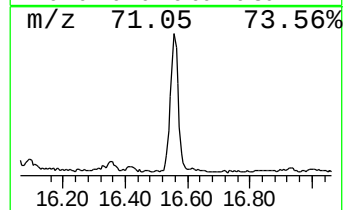
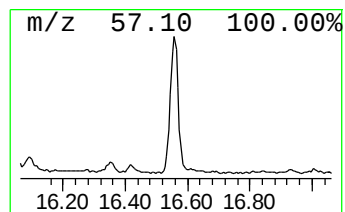
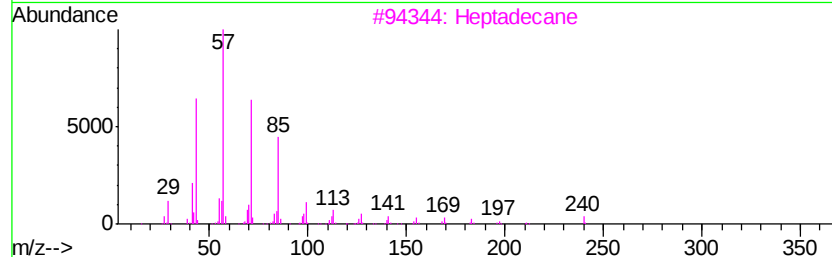
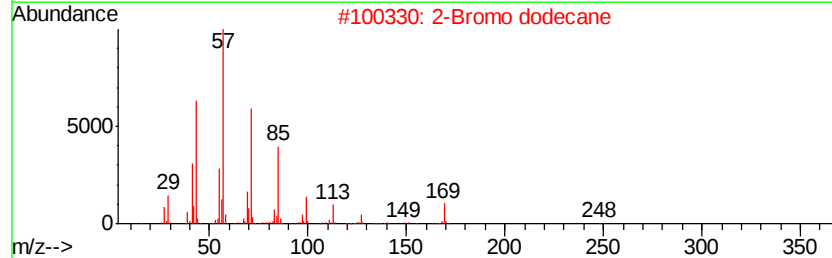
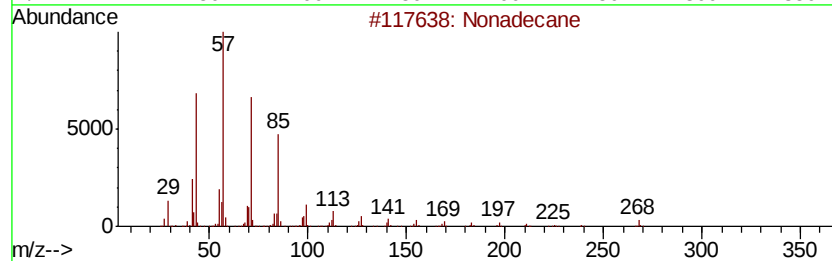
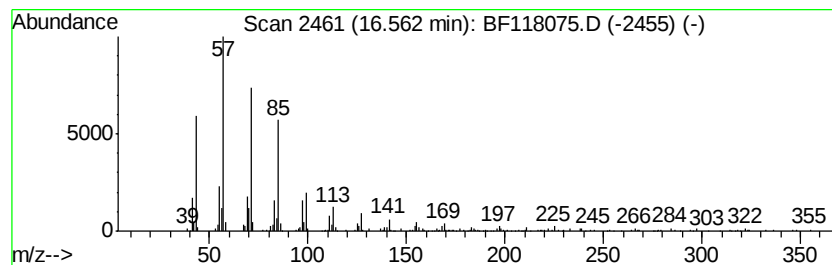
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.00 ng	484453	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Heptadecane	240	C17H36	000629-78-7	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118075.D
Acq On : 3 Dec 2019 21:16
Operator : JU
Sample : K6024-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4-(0.5-1.0)

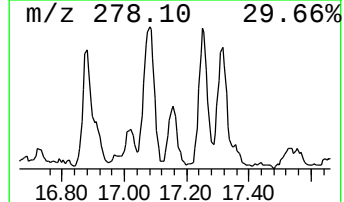
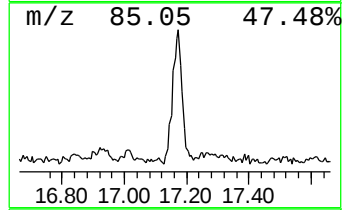
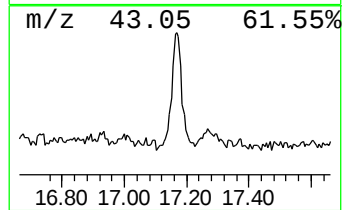
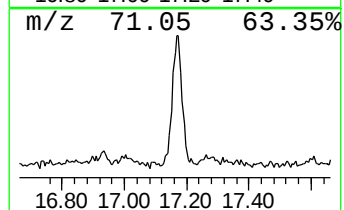
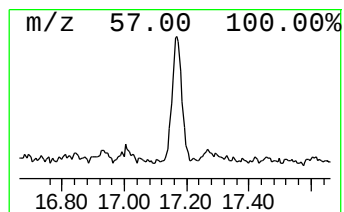
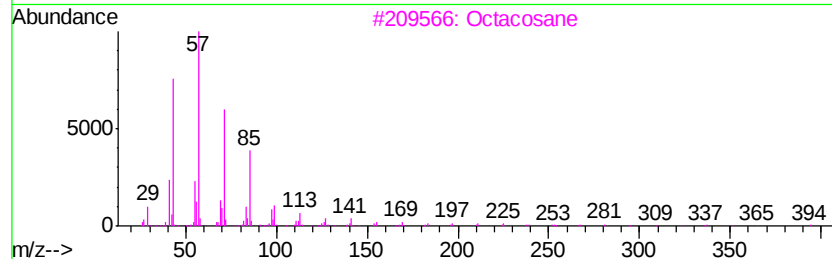
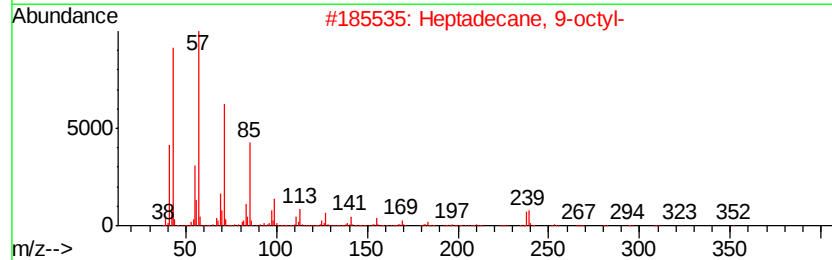
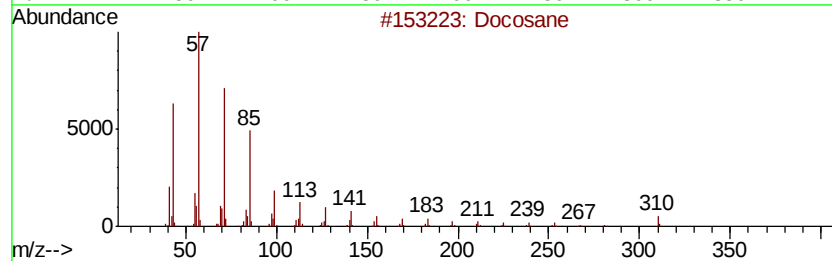
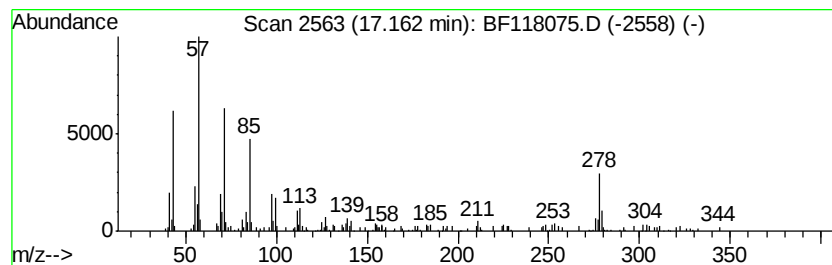
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	3.65 ng	221202	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	92
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53
3		Octacosane	394	C28H58	000630-02-4	53
4		Hexacosane	366	C26H54	000630-01-3	49
5		Tetracosane	338	C24H50	000646-31-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120319\
 Data File : BF118075.D
 Acq On : 3 Dec 2019 21:16
 Operator : JU
 Sample : K6024-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4-(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...	2.15	19.1 ng		767597	1	6.87	803707	20.0
2-Pentanone, 4-hy...	5.09	12.8 ng		515995	1	6.87	803707	20.0
unknown6.65	6.65	75.1 ng		3018560	1	6.87	803707	20.0
Diphenylacetylene	11.49	2.3 ng		153901	4	11.42	1318970	20.0
Phenanthrene, 2-m...	11.92	2.3 ng		149269	4	11.42	1318970	20.0
n-Hexadecanoic acid	11.95	20.5 ng		1349230	4	11.42	1318970	20.0
Benzaldehyde, 3,5...	12.03	3.7 ng		246568	4	11.42	1318970	20.0
Octadecanoic acid	12.73	12.1 ng		800004	4	11.42	1318970	20.0
Benzo[b]naphtho[2...	13.82	2.6 ng		237977	5	14.07	1809430	20.0
Cyclopenta[cd]pyrene	13.87	3.5 ng		315205	5	14.07	1809430	20.0
11H-Benzo[a]fluor...	13.91	10.4 ng		937104	5	14.07	1809430	20.0
Hexacosane	14.23	5.6 ng		504342	5	14.07	1809430	20.0
Octadecane	14.53	10.2 ng		924970	5	14.07	1809430	20.0
Eicosane, 9-octyl-	14.84	19.3 ng		1168170	6	15.57	1211810	20.0
Benzo[e]pyrene	15.23	2.2 ng		135857	6	15.57	1211810	20.0
Perylene	15.43	7.6 ng		458524	6	15.57	1211810	20.0
Heptadecane, 9-oc...	16.03	14.3 ng		864796	6	15.57	1211810	20.0
Nonadecane	16.56	8.0 ng		484453	6	15.57	1211810	20.0
Docosane	17.16	3.6 ng		221202	6	15.57	1211810	20.0