

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101797.D
 Acq On : 28 Dec 2017 12:56
 Operator : SJ/JU
 Sample : I7064-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-8

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.010	493	497	518	rBV	169872	333362	9.01%	0.669%
2	5.410	561	565	598	rBV	2586875	3645163	98.54%	7.317%
3	6.434	735	739	757	rBV	2696192	3699221	100.00%	7.426%
4	6.557	757	760	766	rVV	3189581	3316456	89.65%	6.658%
5	6.781	795	798	807	rBV	987968	928682	25.10%	1.864%
6	6.934	821	824	842	rBV	2435512	2611945	70.61%	5.243%
7	7.357	892	896	912	rBV	2162532	2301441	62.21%	4.620%
8	7.510	919	922	931	rVB	39657	44040	1.19%	0.088%
9	8.063	1013	1016	1028	rBV	1256969	1330120	35.96%	2.670%
10	8.781	1135	1138	1144	rBV	57606	67316	1.82%	0.135%
11	9.139	1195	1199	1202	rBV	3416478	3124081	84.45%	6.271%
12	9.204	1207	1210	1213	rVB	121443	98288	2.66%	0.197%
13	9.245	1214	1217	1221	rVB	43478	37556	1.02%	0.075%
14	9.410	1240	1245	1249	rBV4	24903	43921	1.19%	0.088%
15	9.533	1260	1266	1272	rVB	274911	317124	8.57%	0.637%
16	9.686	1286	1292	1295	rBV2	38638	56645	1.53%	0.114%
17	9.733	1297	1300	1303	rVB	229082	167745	4.53%	0.337%
18	9.816	1311	1314	1318	rBV	1138373	1080111	29.20%	2.168%
19	9.851	1318	1320	1328	rVB	297186	264925	7.16%	0.532%
20	9.969	1336	1340	1342	rBV3	29925	40622	1.10%	0.082%
21	10.028	1346	1350	1353	rBV	161738	173104	4.68%	0.347%
22	10.051	1353	1354	1359	rVB2	41687	45922	1.24%	0.092%
23	10.233	1382	1385	1388	rVB	211487	175400	4.74%	0.352%
24	10.369	1405	1408	1414	rVB	242523	233874	6.32%	0.469%
25	10.451	1415	1422	1425	rBV3	80868	113422	3.07%	0.228%
26	10.528	1433	1435	1439	rVB2	50058	50604	1.37%	0.102%
27	10.616	1446	1450	1462	rBV	1751529	1817355	49.13%	3.648%
28	10.704	1462	1465	1471	rBV	165631	178451	4.82%	0.358%
29	11.157	1536	1542	1548	rBV3	97799	161309	4.36%	0.324%
30	11.210	1548	1551	1555	rVB	113788	104060	2.81%	0.209%
31	11.310	1565	1568	1570	rBV	1127873	952955	25.76%	1.913%
32	11.333	1570	1572	1577	rVV	1512741	1444627	39.05%	2.900%
33	11.392	1578	1582	1588	rVV	465726	467279	12.63%	0.938%
34	11.439	1588	1590	1595	rVB	43085	42913	1.16%	0.086%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.557	1606	1610	1615	rBV2	188824	206698	5.59%	0.415%
36	11.822	1650	1655	1657	rBV2	325192	373766	10.10%	0.750%
37	11.845	1657	1659	1664	rVV2	191058	209283	5.66%	0.420%
38	11.892	1664	1667	1670	rVV	75955	77430	2.09%	0.155%
39	11.927	1670	1673	1676	rVV	281570	288466	7.80%	0.579%
40	11.951	1676	1677	1680	rVB	83981	52773	1.43%	0.106%
41	12.063	1693	1696	1701	rVB4	40618	54911	1.48%	0.110%
42	12.104	1701	1703	1707	rVV	117150	114910	3.11%	0.231%
43	12.163	1711	1713	1718	rVB2	45773	55007	1.49%	0.110%
44	12.363	1744	1747	1750	rBV2	78865	89465	2.42%	0.180%
45	12.474	1763	1766	1770	rVB3	49214	62657	1.69%	0.126%
46	12.533	1772	1776	1780	rBV	1664648	1637743	44.27%	3.288%
47	12.610	1785	1789	1794	rVV3	188430	239703	6.48%	0.481%
48	12.686	1798	1802	1807	rBV	86992	116880	3.16%	0.235%
49	12.763	1812	1815	1821	rVB	1506537	1383636	37.40%	2.778%
50	12.810	1821	1823	1829	rVB2	76650	71775	1.94%	0.144%
51	12.892	1833	1837	1840	rBV	2159251	1927355	52.10%	3.869%
52	12.939	1840	1845	1847	rVB	73848	69792	1.89%	0.140%
53	12.986	1848	1853	1855	rBV3	67032	103110	2.79%	0.207%
54	13.027	1857	1860	1863	rVB2	75229	78148	2.11%	0.157%
55	13.092	1863	1871	1876	rBV2	247788	416892	11.27%	0.837%
56	13.157	1879	1882	1885	rBV	231612	192116	5.19%	0.386%
57	13.198	1886	1889	1891	rBV2	73036	76730	2.07%	0.154%
58	13.286	1902	1904	1906	rBV	43258	37881	1.02%	0.076%
59	13.316	1906	1909	1911	rBV2	113043	124918	3.38%	0.251%
60	13.339	1911	1913	1915	rVV	82142	73094	1.98%	0.147%
61	13.380	1917	1920	1922	rVV	254929	213908	5.78%	0.429%
62	13.410	1922	1925	1928	rVB	303567	295096	7.98%	0.592%
63	13.445	1928	1931	1934	rBV2	139203	179666	4.86%	0.361%
64	13.516	1940	1943	1944	rBV	150632	146175	3.95%	0.293%
65	13.533	1944	1946	1948	rVV	193180	183213	4.95%	0.368%
66	13.563	1948	1951	1954	rVB	265577	297672	8.05%	0.598%
67	13.604	1955	1958	1960	rVV	453491	424469	11.47%	0.852%
68	13.633	1960	1963	1965	rVV	853733	859692	23.24%	1.726%
69	13.663	1965	1968	1972	rVV	558528	833454	22.53%	1.673%
70	13.698	1972	1974	1978	rVV2	440424	498013	13.46%	1.000%
71	13.739	1978	1981	1983	rVV3	216067	248740	6.72%	0.499%

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72	13.769	1983	1986	1988	rVV	616188	711429	19.23%	1.428%
73	13.792	1988	1990	1992	rVV	586000	546952	14.79%	1.098%
74	13.833	1995	1997	2000	rVB	218255	183614	4.96%	0.369%
75	13.963	2014	2019	2022	rBV2	1055492	1700009	45.96%	3.413%
76	13.992	2022	2024	2031	rVB	783158	700998	18.95%	1.407%
77	14.074	2035	2038	2043	rBV2	189854	198666	5.37%	0.399%
78	14.763	2152	2155	2158	rVB	240470	234754	6.35%	0.471%
79	15.010	2193	2197	2200	rBV	709539	1001994	27.09%	2.011%
80	15.310	2245	2248	2255	rBV	346396	425503	11.50%	0.854%
81	15.380	2256	2260	2265	rVB	635283	813205	21.98%	1.632%
82	15.433	2266	2269	2273	rBV	551032	688826	18.62%	1.383%
83	16.921	2518	2522	2532	rVB2	227895	429982	11.62%	0.863%
84	17.374	2595	2599	2608	rVB	191248	394094	10.65%	0.791%

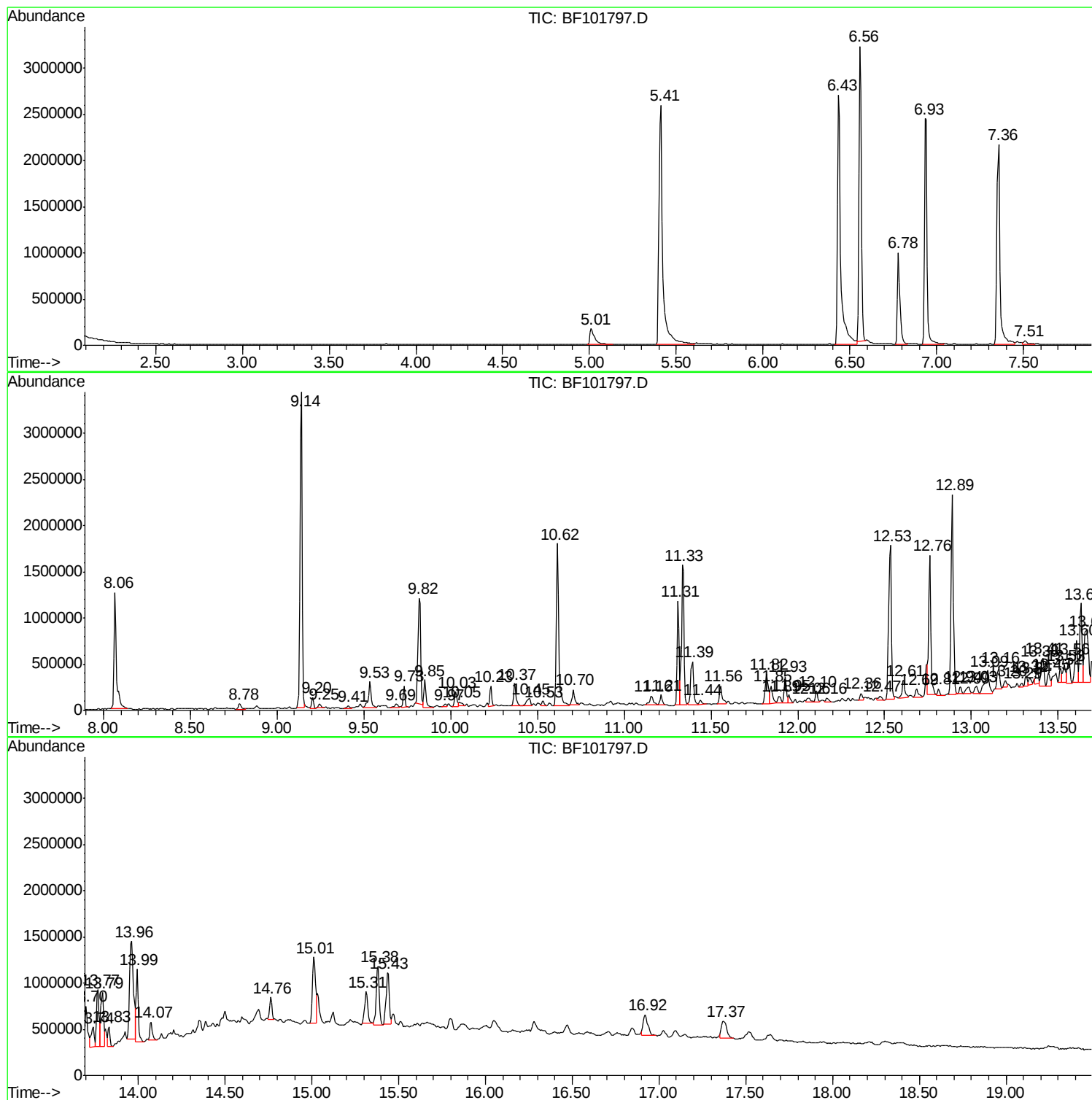
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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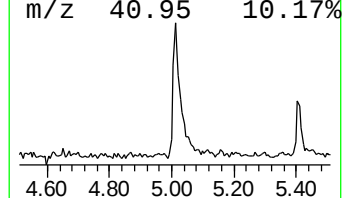
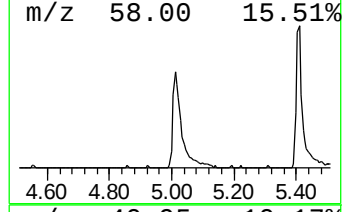
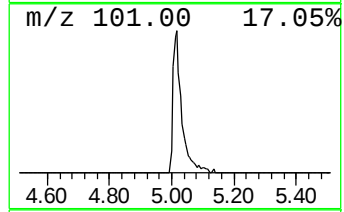
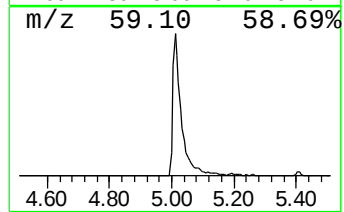
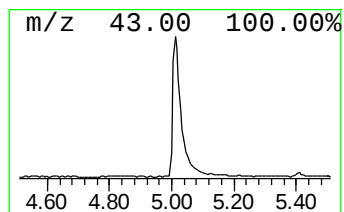
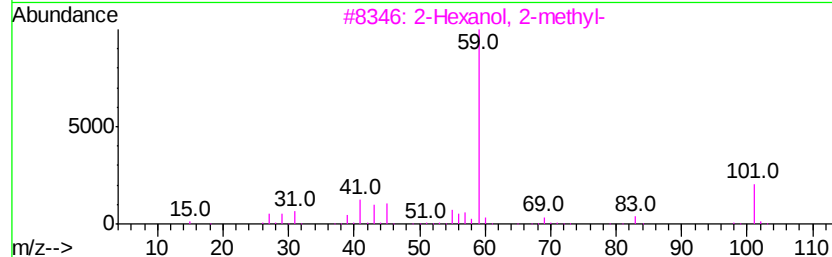
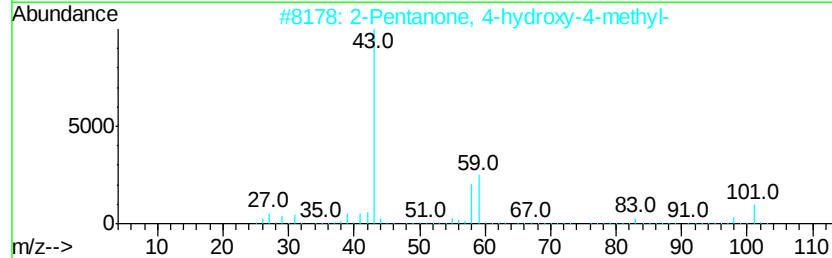
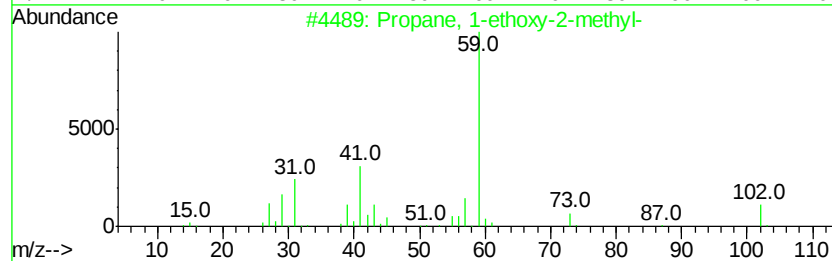
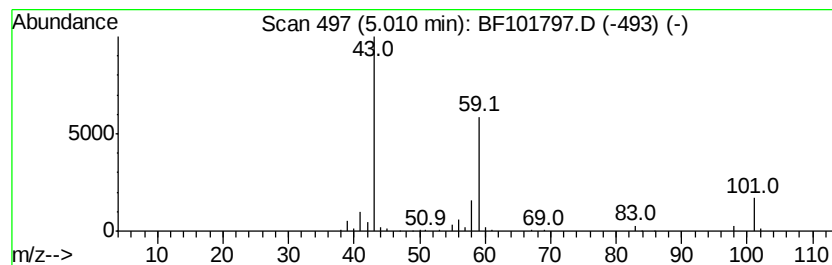
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	7.18 ng	333362	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	46
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4		3-Octanol	130	C8H18O	000589-98-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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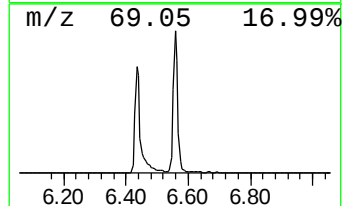
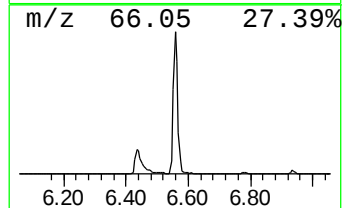
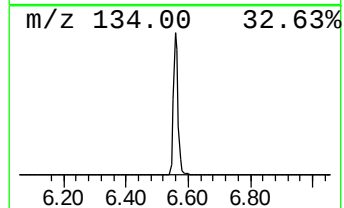
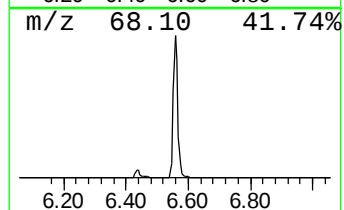
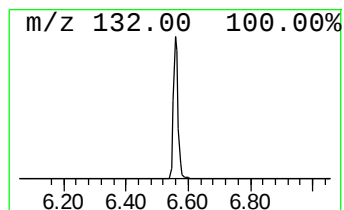
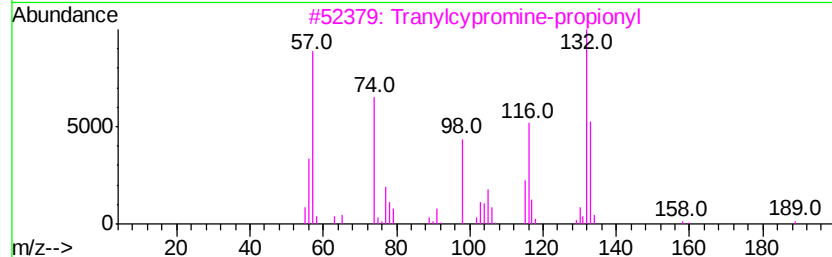
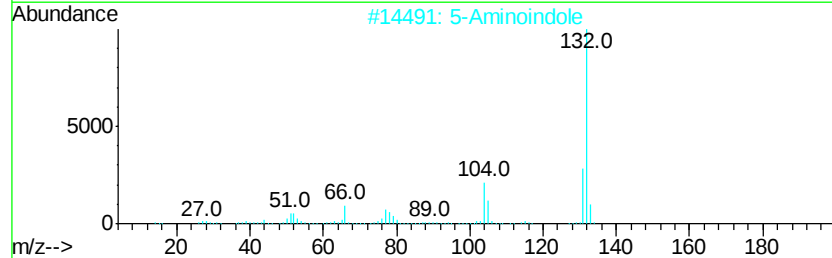
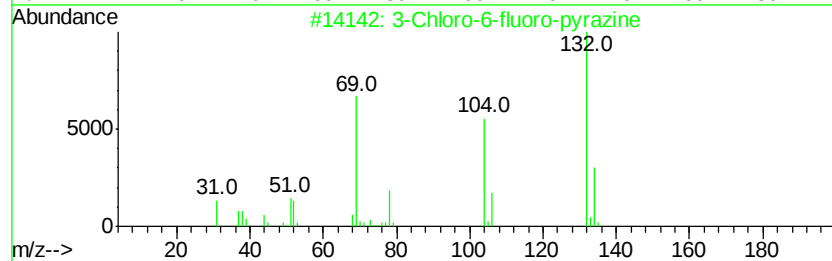
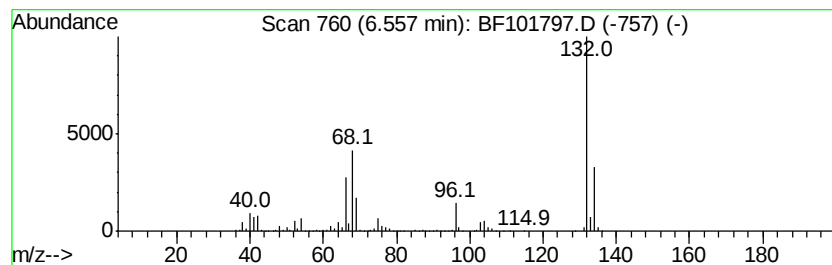
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	71.42 ng	3316460	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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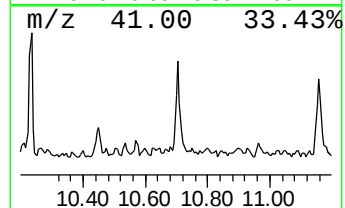
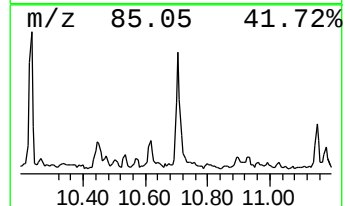
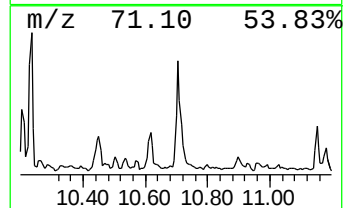
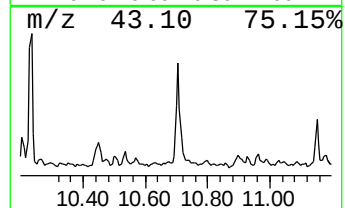
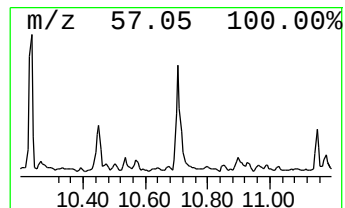
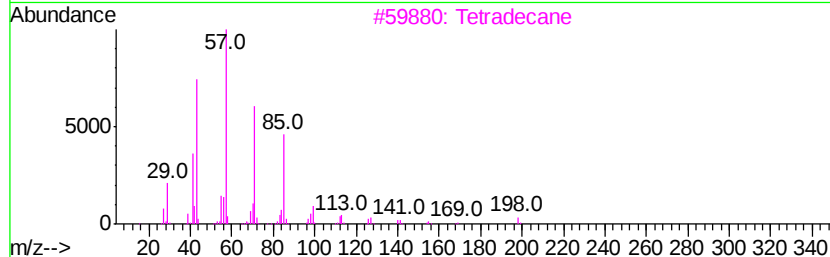
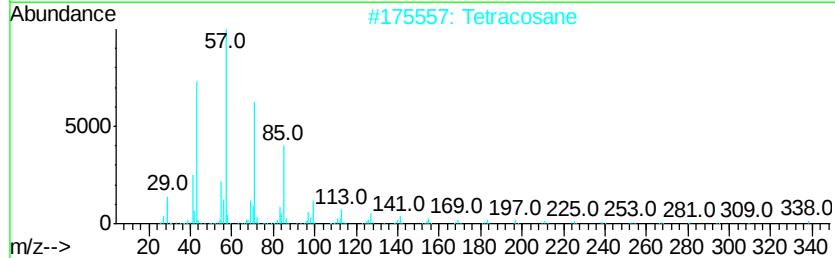
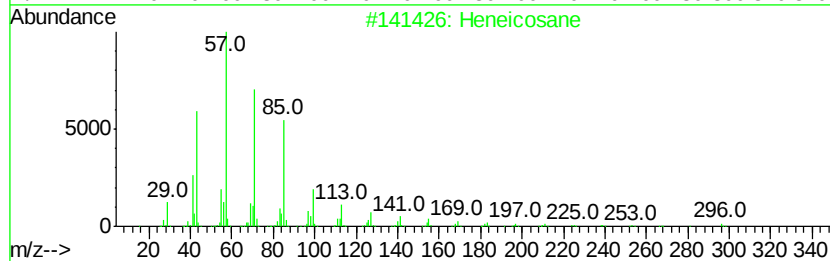
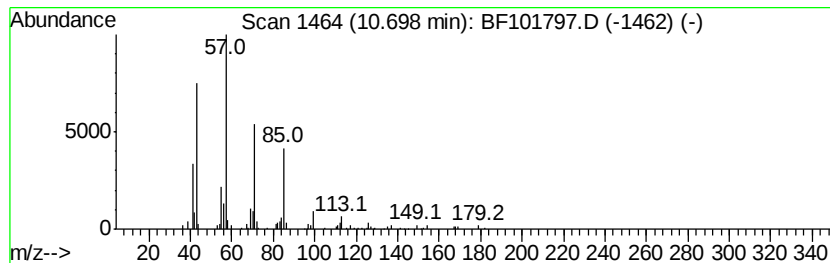
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.75 ng	178451	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Tetracosane		338	C24H50	000646-31-1	90
3	Tetradecane		198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
5	Heptadecane		240	C17H36	000629-78-7	83



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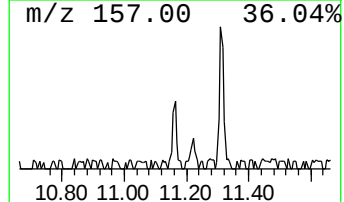
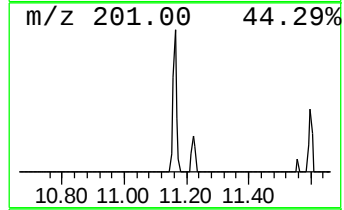
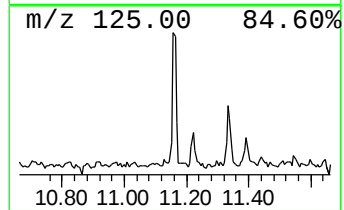
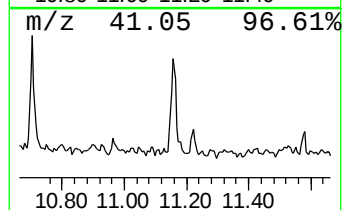
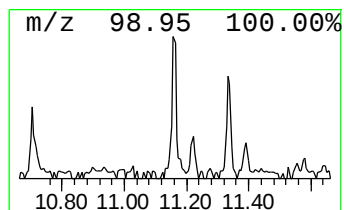
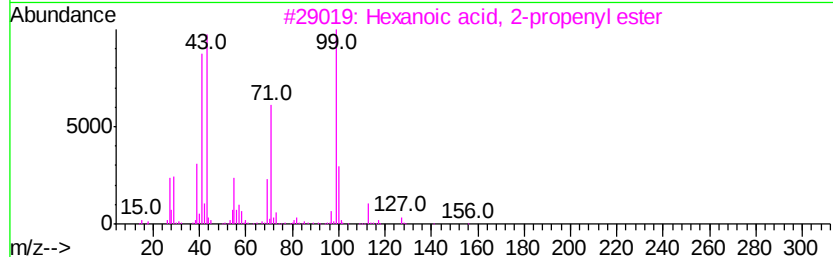
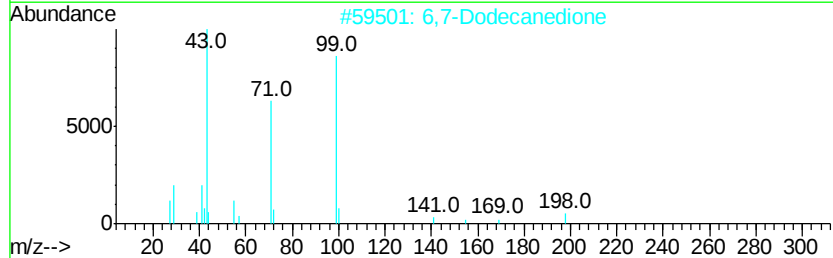
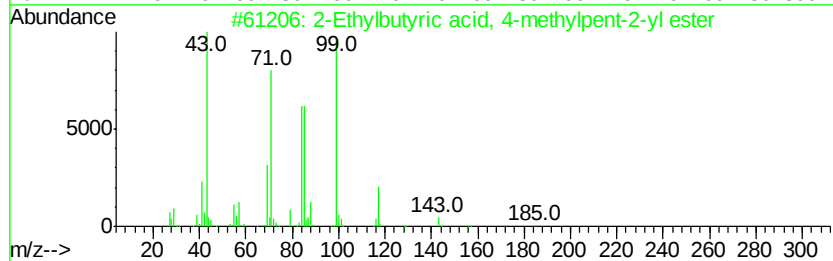
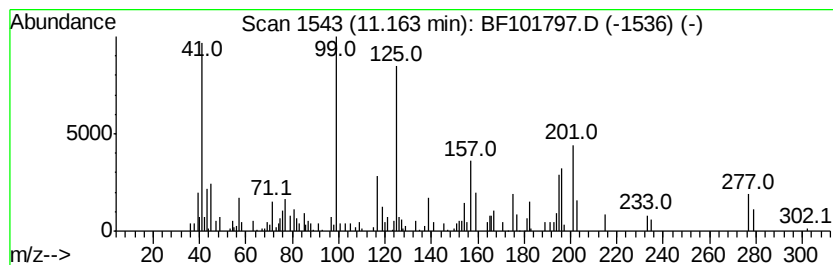
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.39 ng	161309	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylbutyric acid, 4-methylpen...	200	C12H24O2	1000370-50-4	38
2	6,7-Dodecanedione	198	C12H22O2	013757-90-9	22
3	Hexanoic acid, 2-propenyl ester	156	C9H16O2	000123-68-2	22
4	2-Ethyl-3-methoxycyclopropanecar...	158	C8H14O3	122775-11-5	14
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

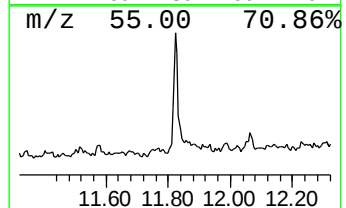
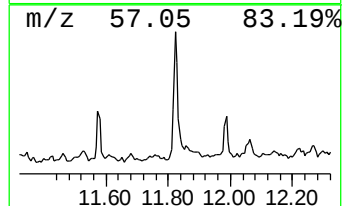
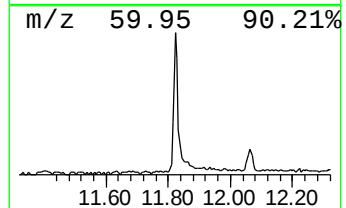
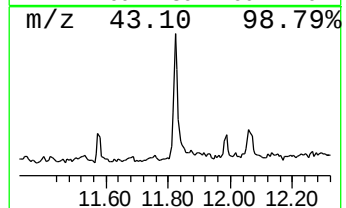
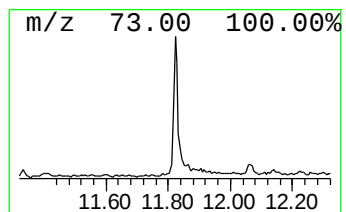
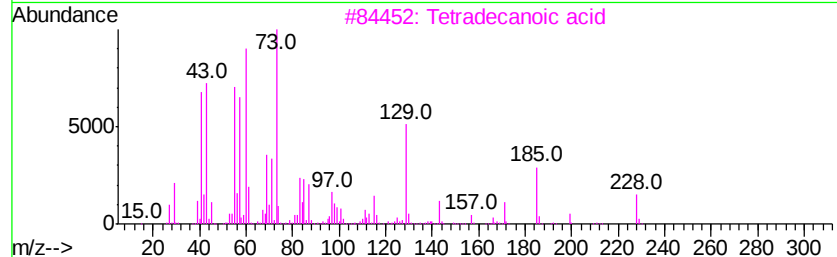
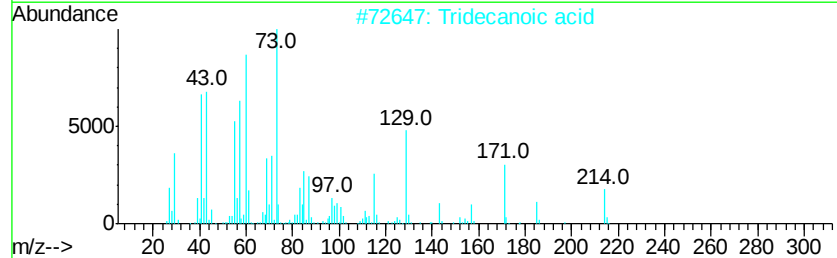
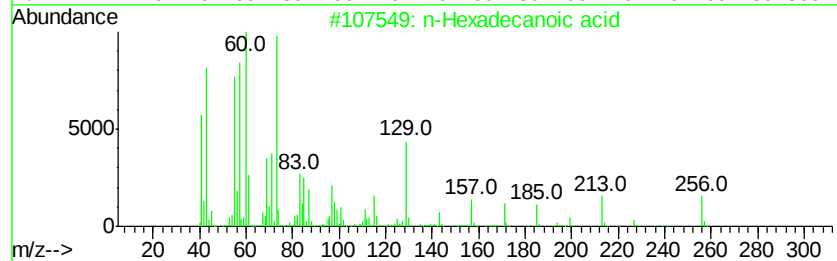
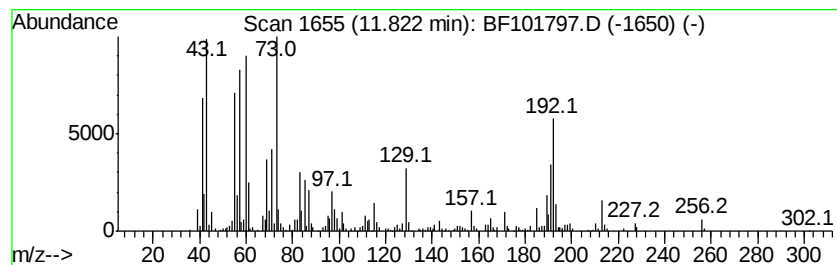
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	7.84 ng	373766	Phenanthrene-d10	11.31

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	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
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ClientSampleId :
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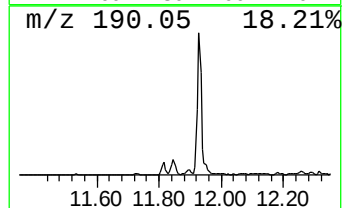
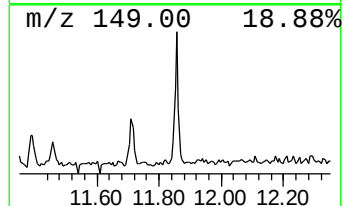
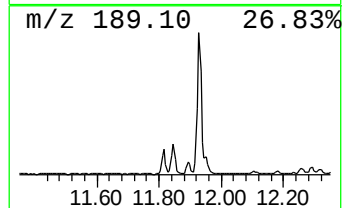
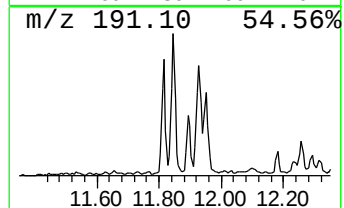
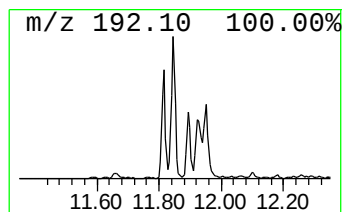
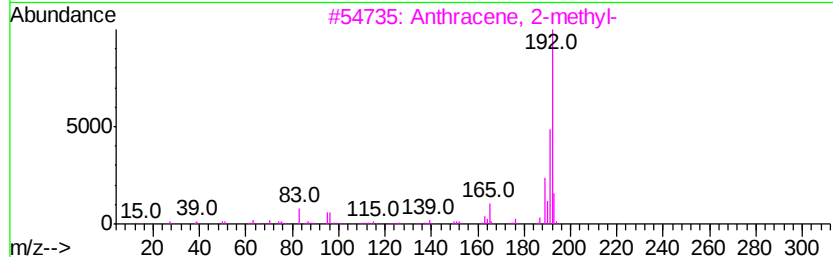
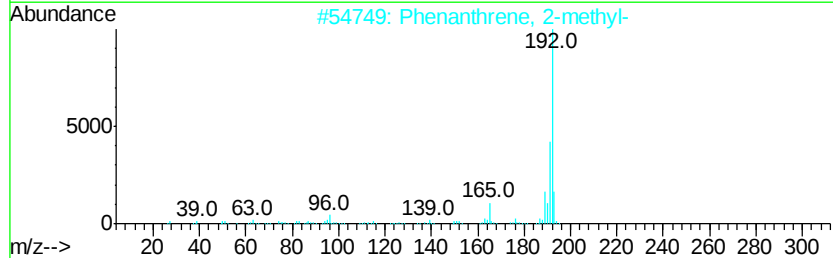
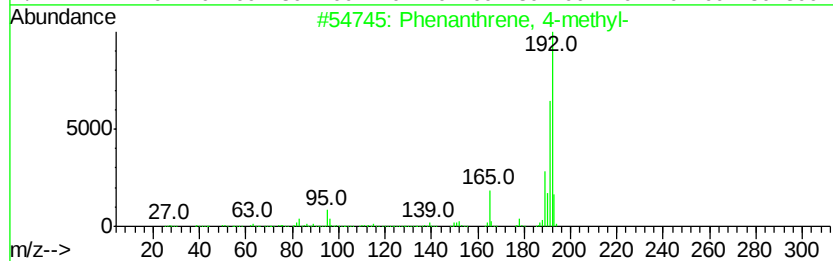
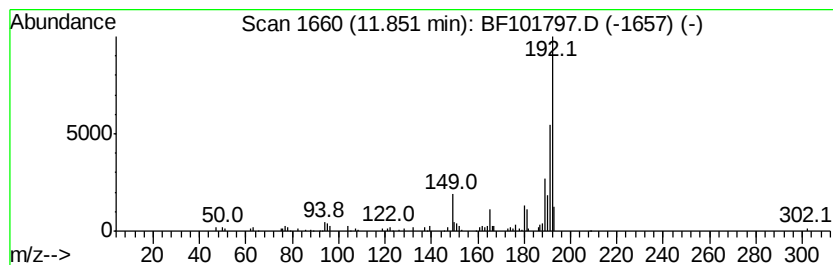
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.39 ng	209283	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
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Operator : SJ/JU
Sample : I7064-15
Misc :
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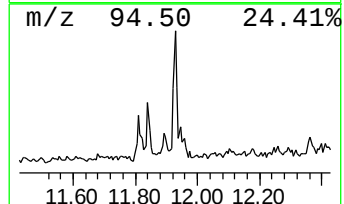
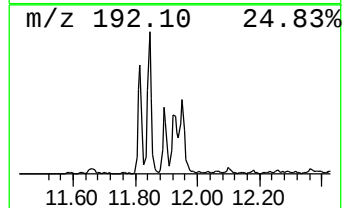
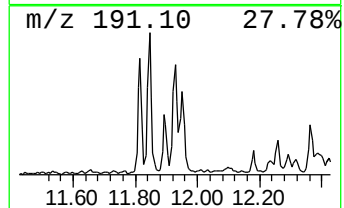
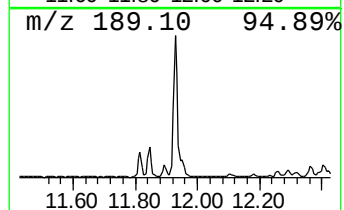
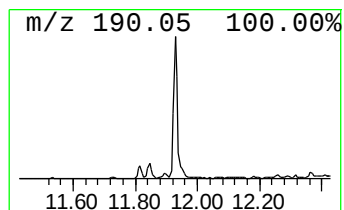
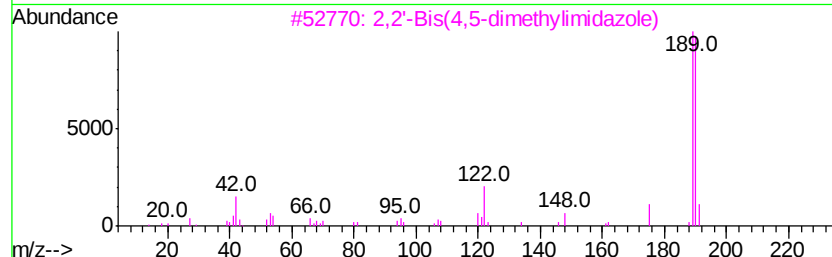
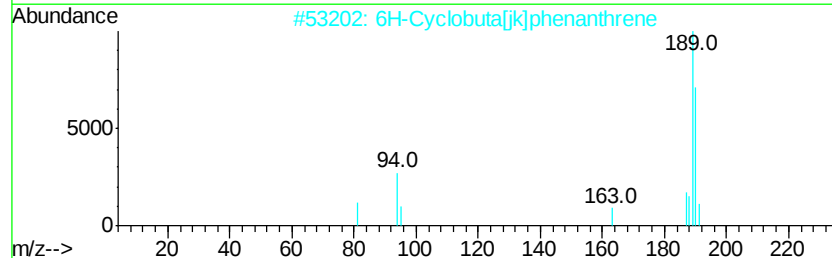
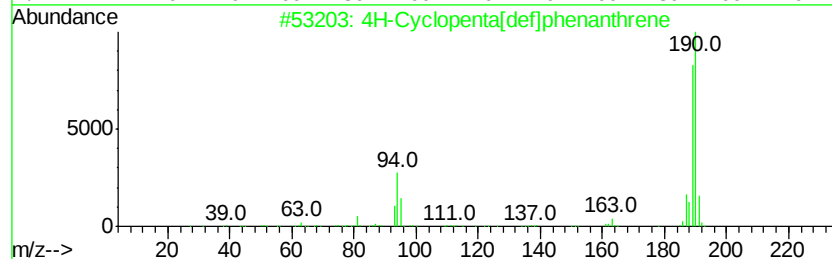
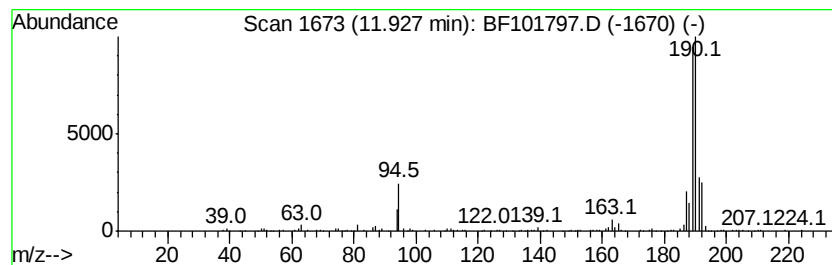
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.05 ng	288466	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5		1-Aminocyclopentanecarboxylic ac...	333	C16H28ClN04	1000329-16-8	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
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Misc :
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Instrument :
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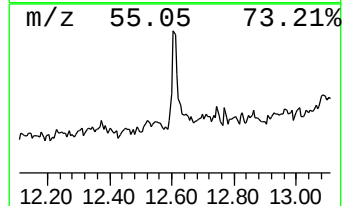
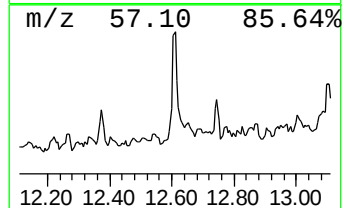
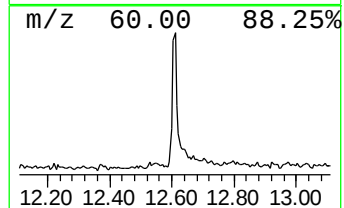
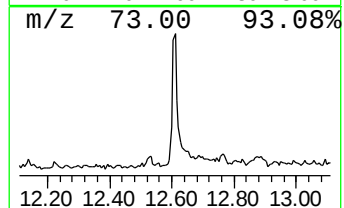
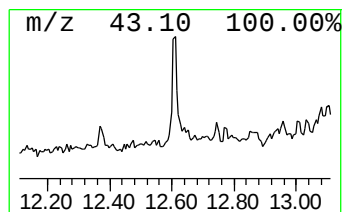
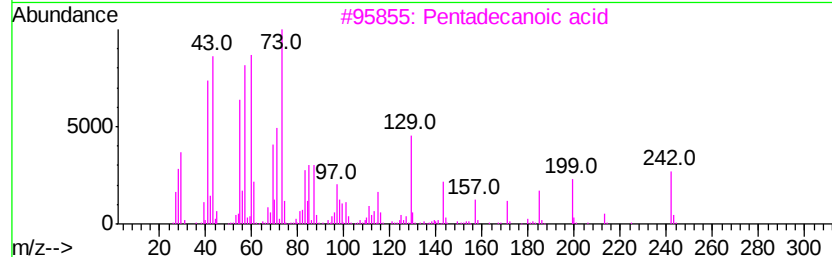
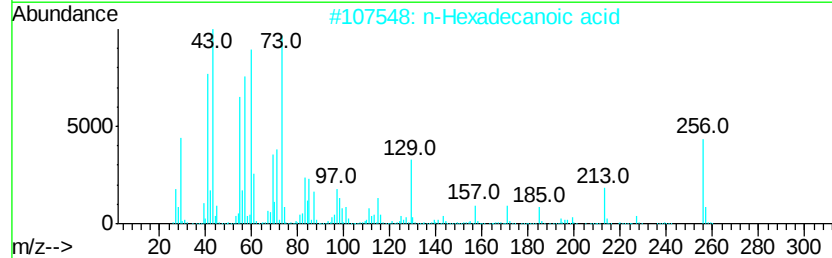
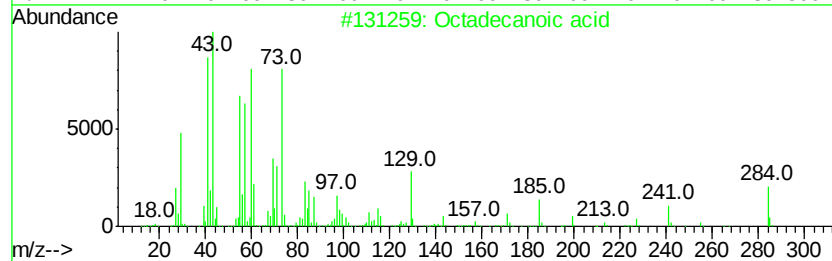
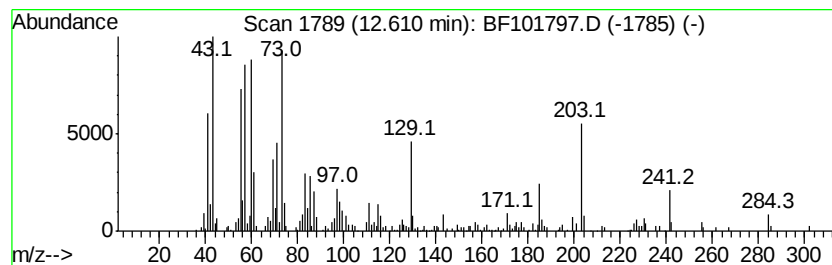
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.03 ng	239703	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	92
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
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Operator : SJ/JU
Sample : I7064-15
Misc :
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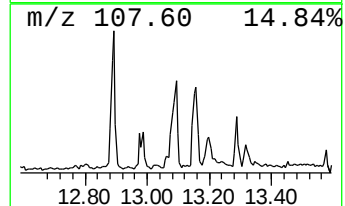
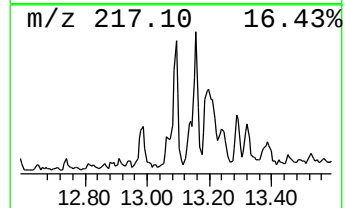
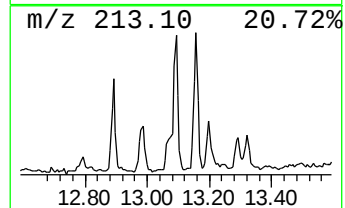
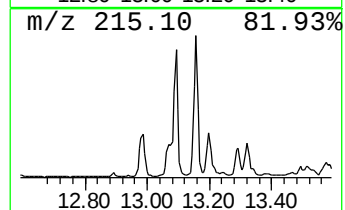
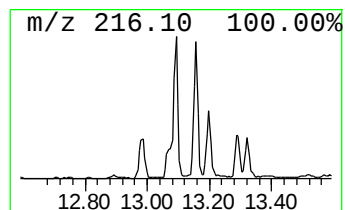
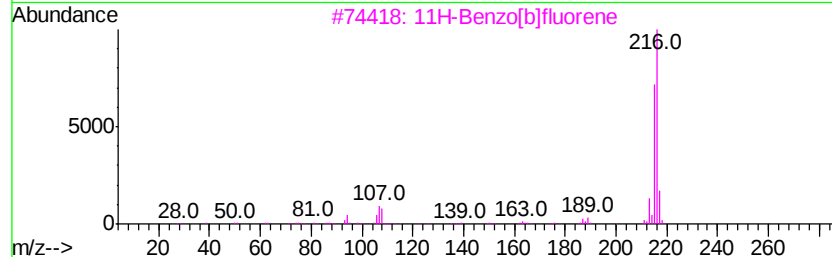
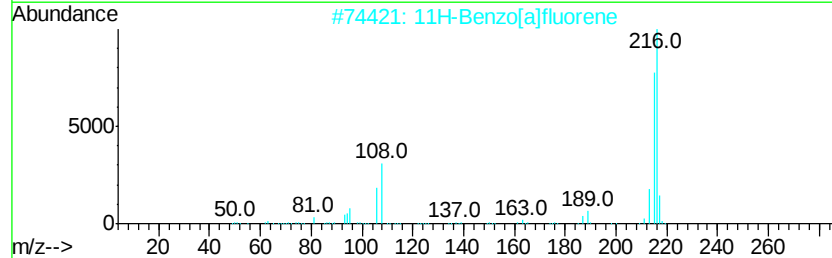
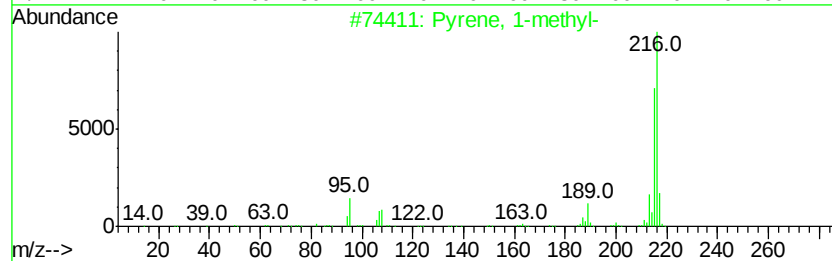
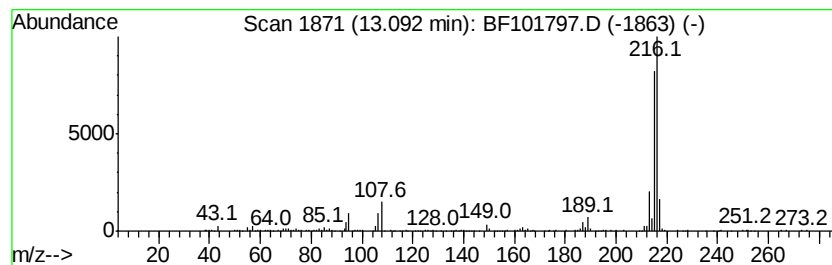
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.90 ng	416892	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 70
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
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Acq On : 28 Dec 2017 12:56
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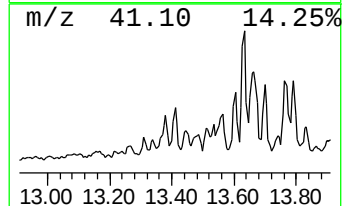
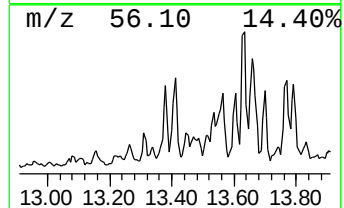
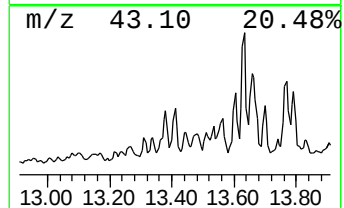
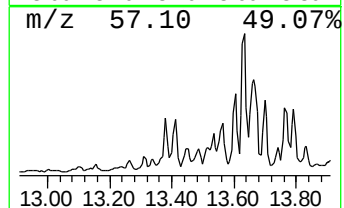
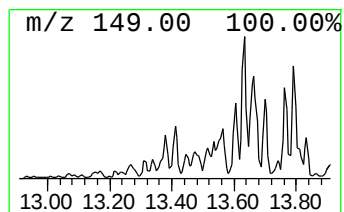
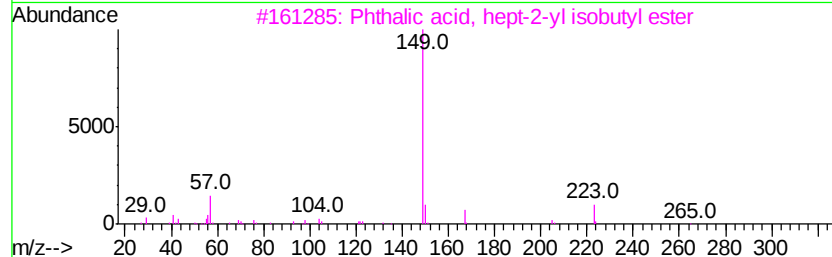
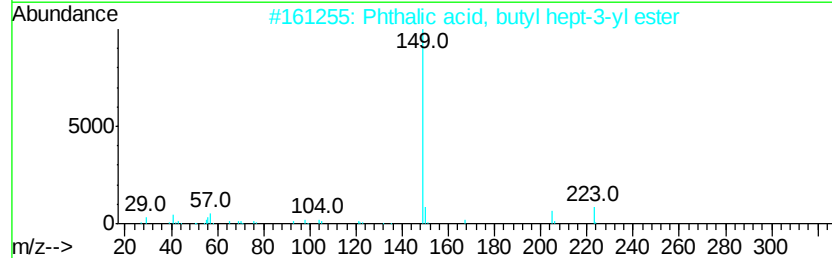
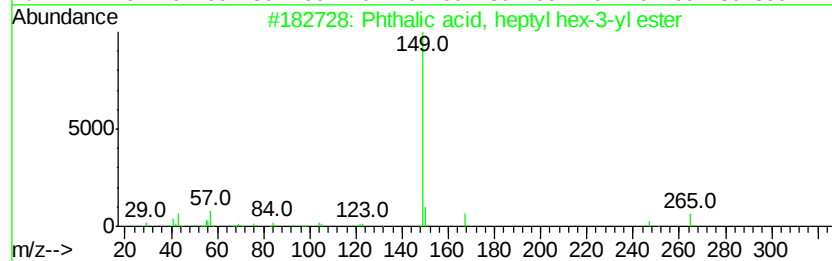
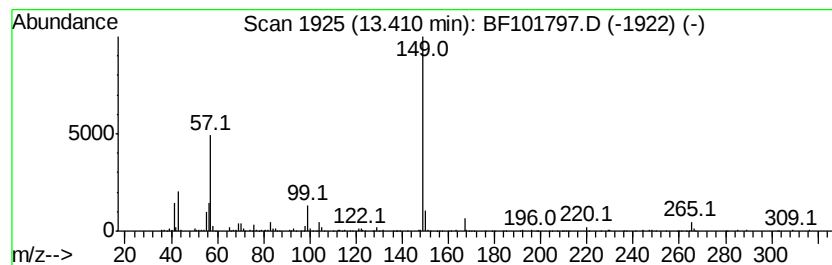
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phthalic acid, heptyl hex-3... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.47 ng	295096	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	64
2		Phthalic acid, butyl hept-3-yl e...	320	C19H28O4	1000356-98-7	64
3		Phthalic acid, hept-2-yl isobutyl...	320	C19H28O4	1000356-97-0	64
4		Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	64
5		Phthalic acid, 2,4-dimethylpent-...	334	C20H30O4	1000356-84-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

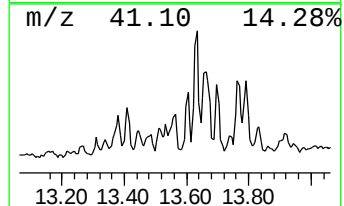
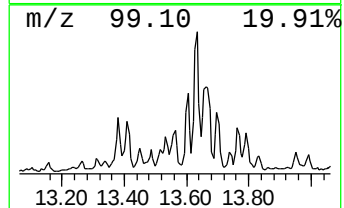
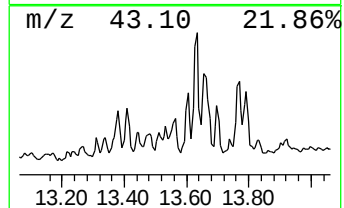
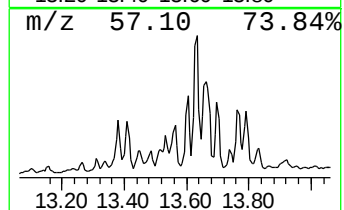
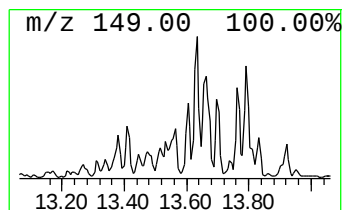
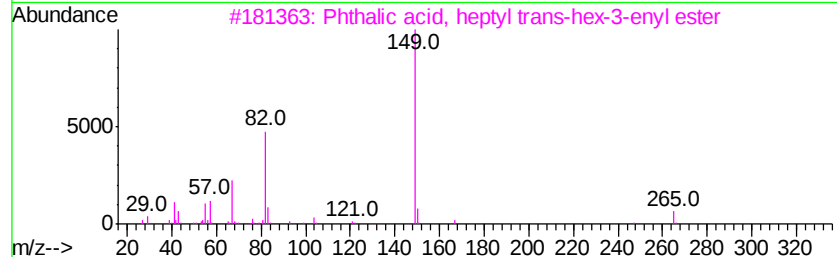
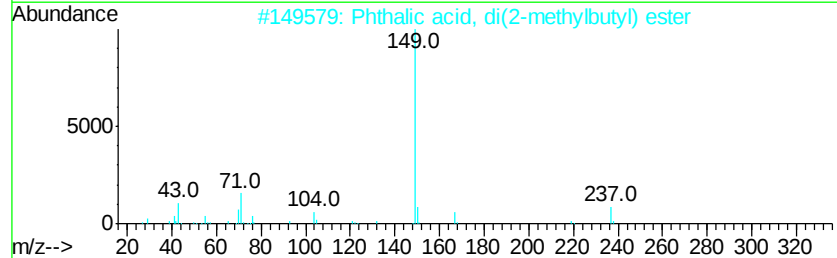
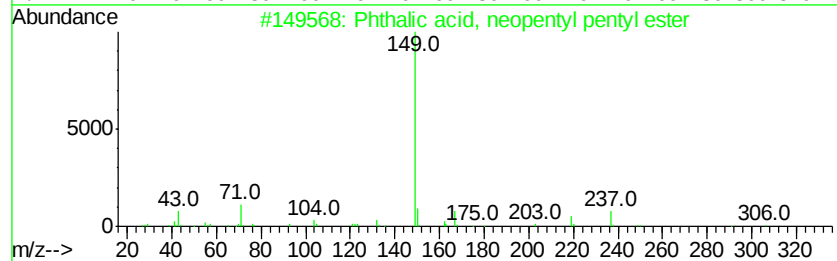
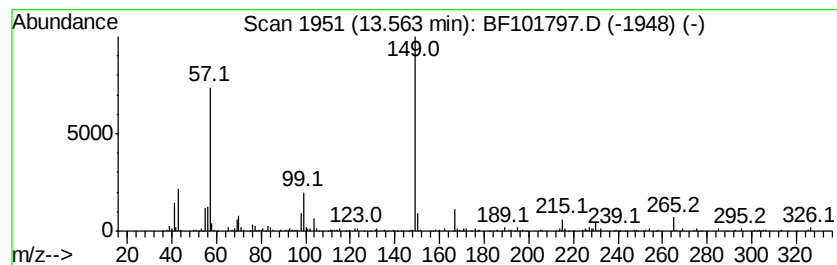
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.56	3.50 ng	297672	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, neopentyl pentyl ...	306	C18H26O4	1000315-29-8	49
2	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	47
3	Phthalic acid, heptyl trans-hex-...	346	C21H30O4	1000360-48-5	47
4	Phthalic acid, butyl 3,3-dimethv...	306	C18H26O4	1000357-00-2	47
5	Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

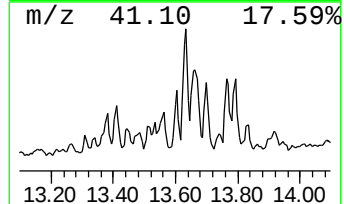
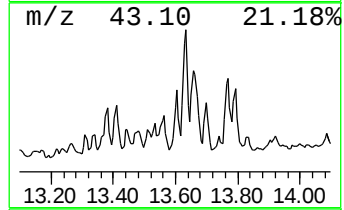
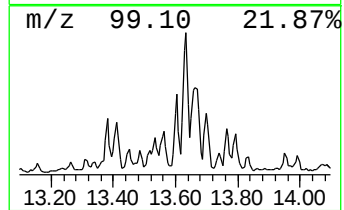
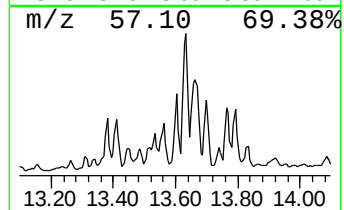
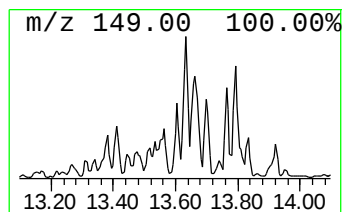
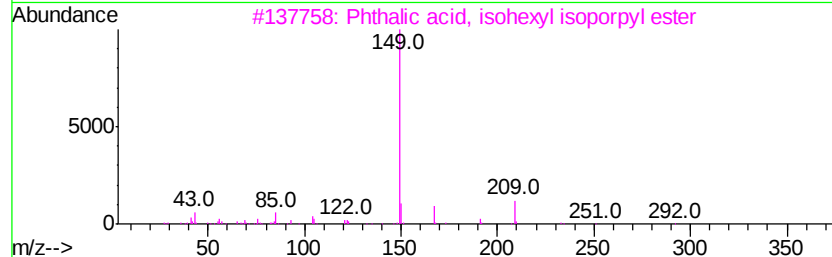
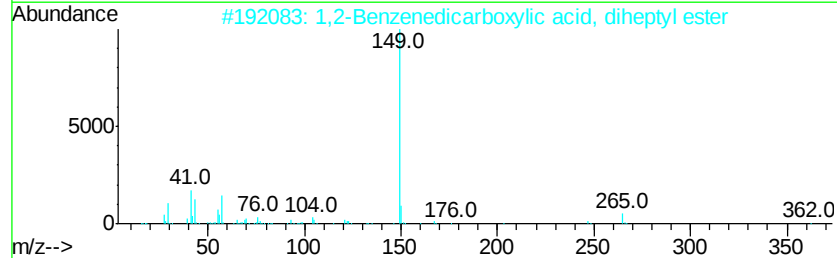
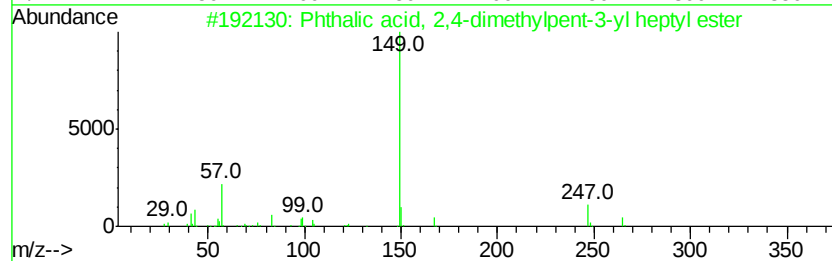
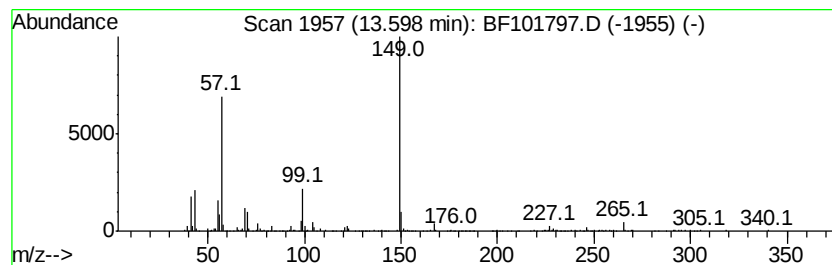
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phthalic acid, 2,4-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.99 ng	424469	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	78
2		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
3		Phthalic acid, isohexyl isopropyl...	292	C17H24O4	1000315-00-4	68
4		Phthalic acid, 2,2-dichloroethyl...	374	C18H24Cl2O4	1000356-92-9	64
5		1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

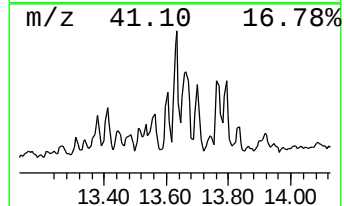
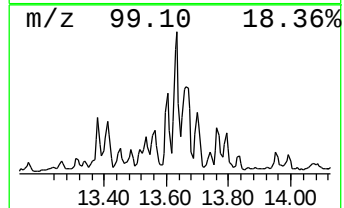
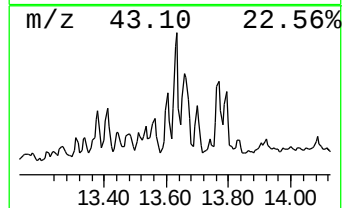
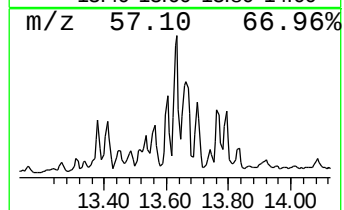
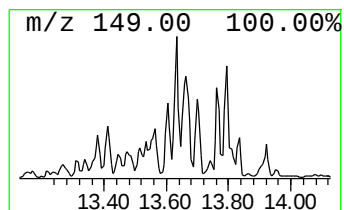
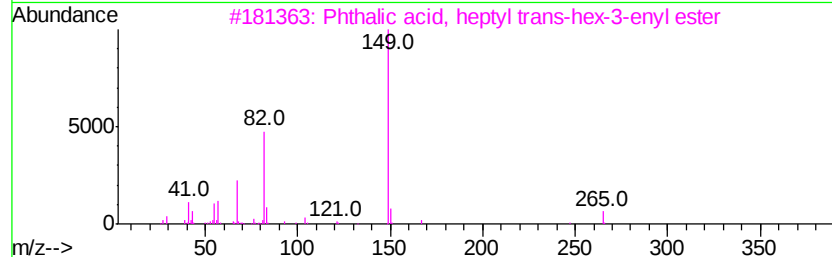
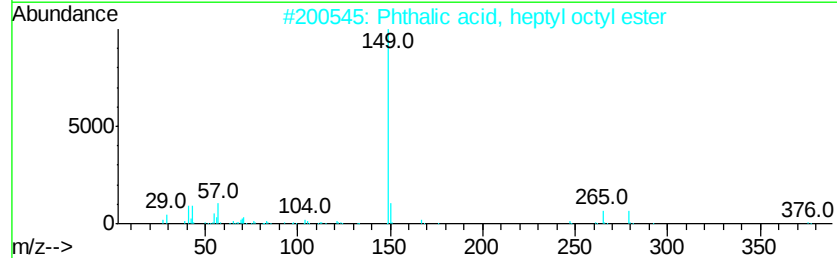
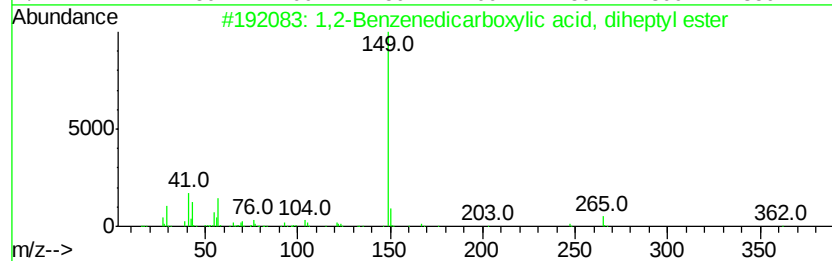
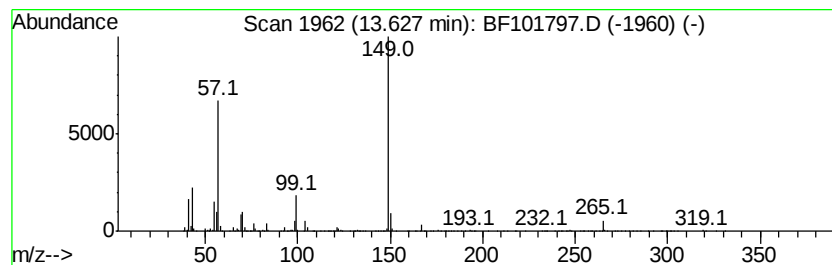
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	10.11 ng	859692	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
2		Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	72
3		Phthalic acid, heptyl trans-hex-...	346	C21H30O4	1000360-48-5	72
4		Phthalic acid, isobutyl tridec-2...	400	C25H36O4	1000315-44-3	64
5		Phthalic acid, isopropyl octyl e...	320	C19H28O4	1000315-00-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

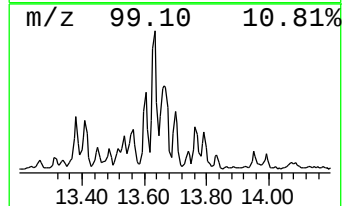
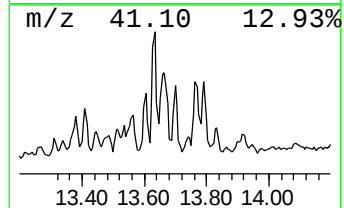
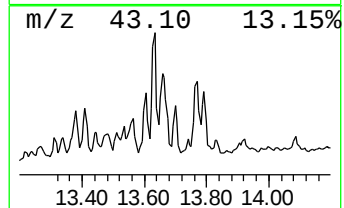
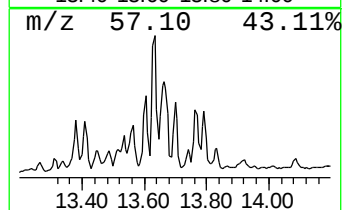
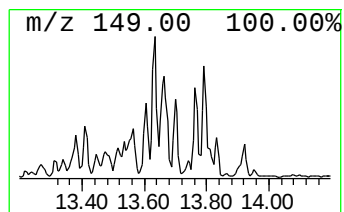
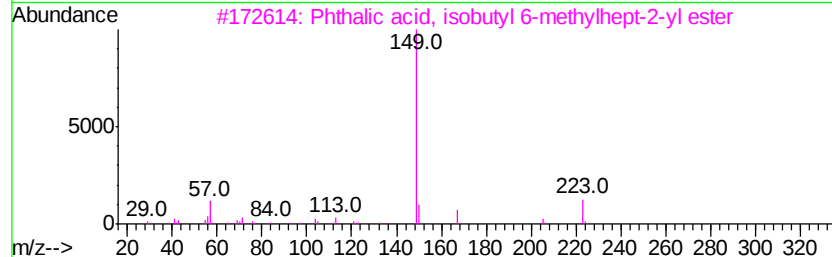
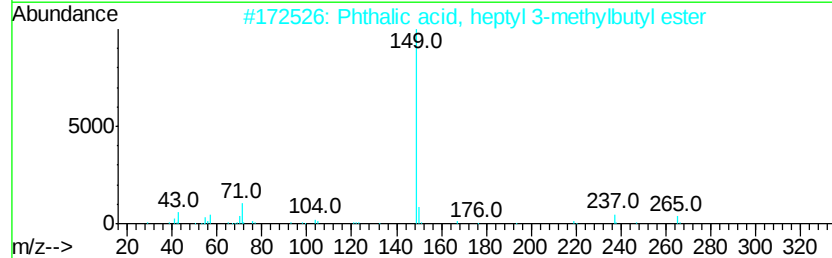
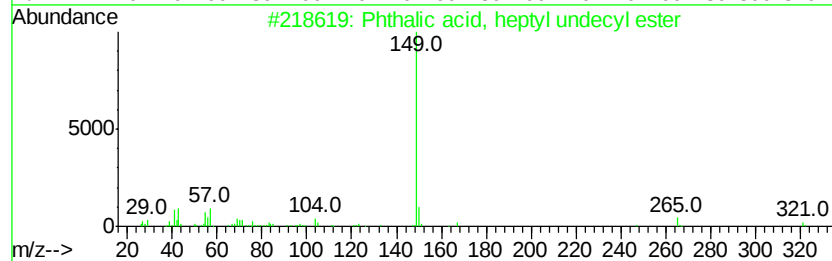
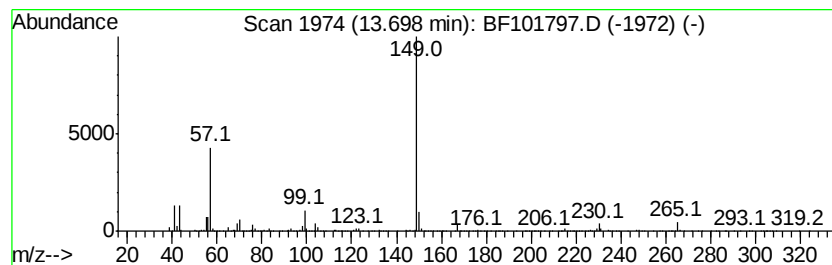
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phthalic acid, heptyl undec... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.86 ng	498013	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	72
2		Phthalic acid, heptyl 3-methylbu...	334	C20H30O4	1000356-80-8	64
3		Phthalic acid, isobutyl 6-methyl...	334	C20H30O4	1000377-95-7	64
4		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	64
5		Phthalic acid, di(hept-4-yl) ester	362	C22H34O4	1000356-80-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

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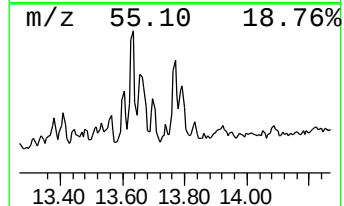
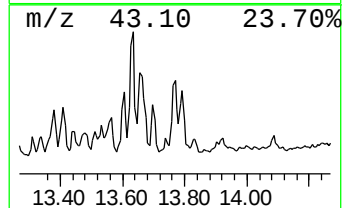
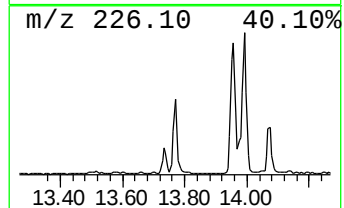
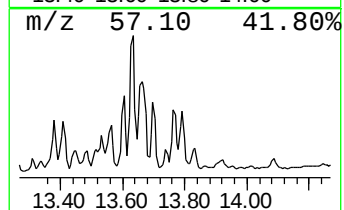
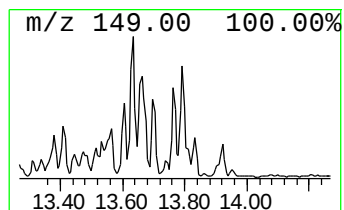
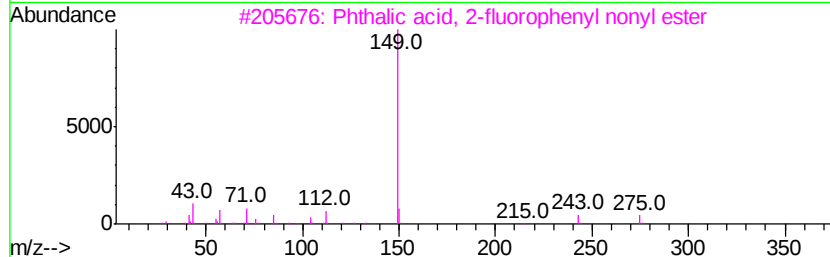
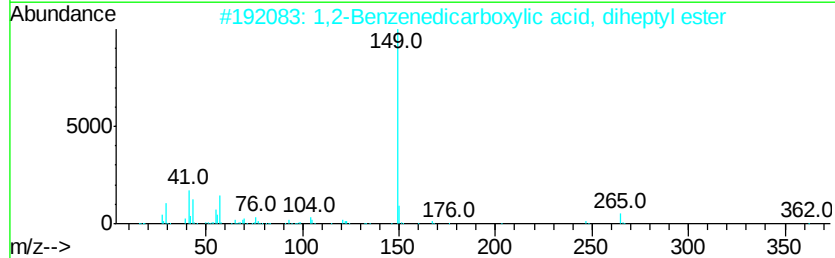
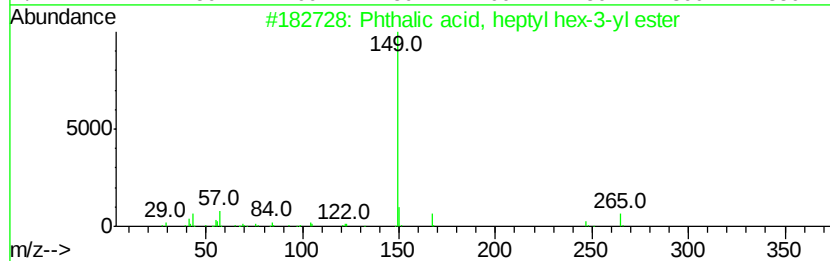
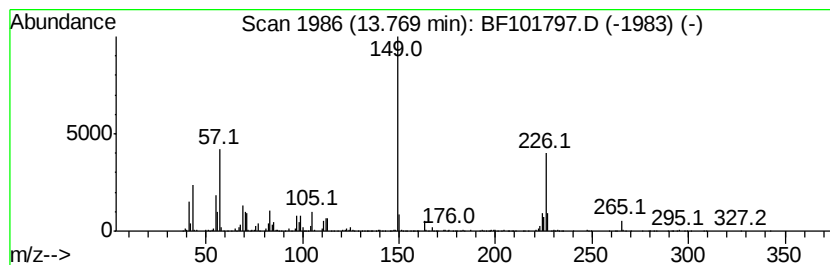
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.37 ng	711429	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	43
2		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	43
3		Phthalic acid, 2-fluorophenyl no...	386	C23H27FO4	1000356-47-8	38
4		Phthalic acid, 2,4-dimethylpent-...	418	C26H42O4	1000356-85-0	38
5		Phthalic acid, butyl undecyl ester	376	C23H36O4	1000308-91-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SAMPLE-8

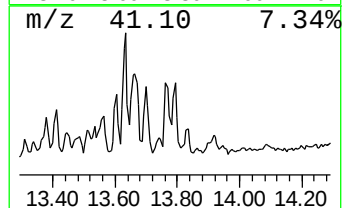
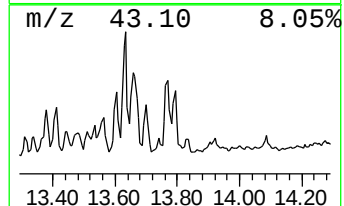
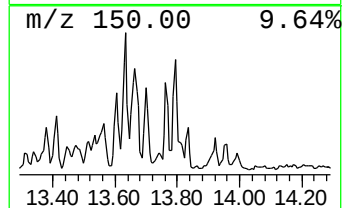
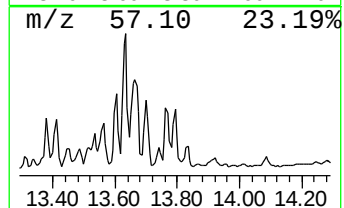
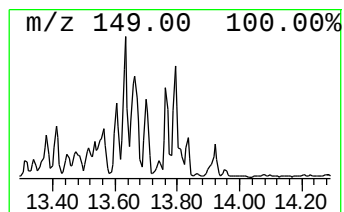
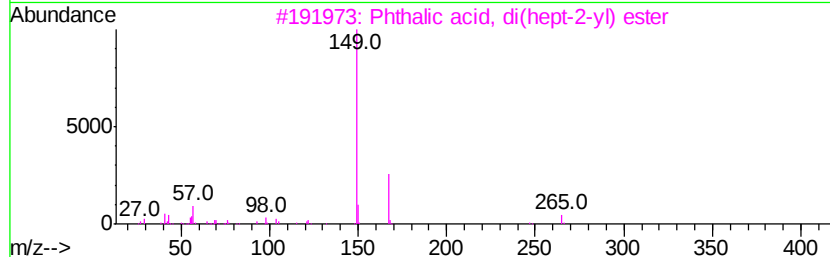
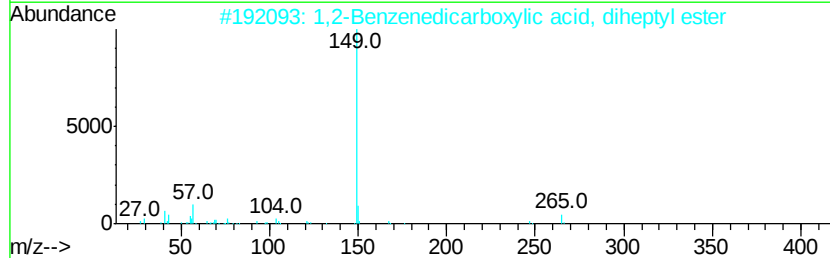
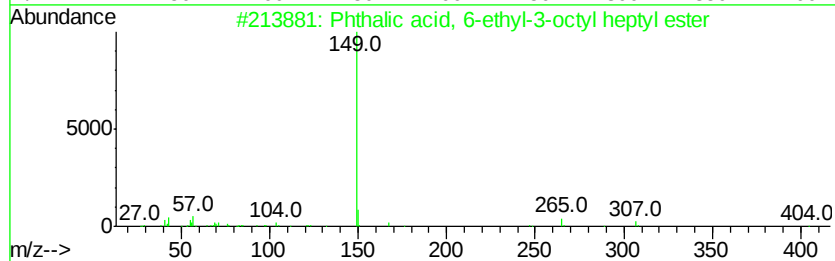
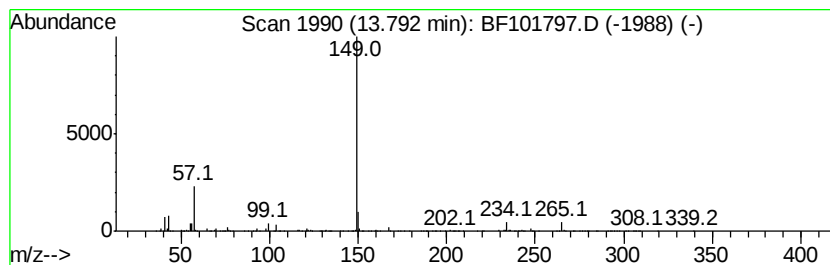
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phthalic acid, 6-ethyl-3-oc... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	6.43 ng	546952	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 6-ethyl-3-octyl h...	404	C25H40O4	1000315-17-7	80
2		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
3		Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
4		Phthalic acid, heptyl 2-methylbu...	334	C20H30O4	1000322-81-5	72
5		Phthalic acid, hexyl isopropyl e...	292	C17H24O4	1000315-00-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

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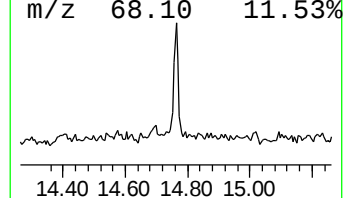
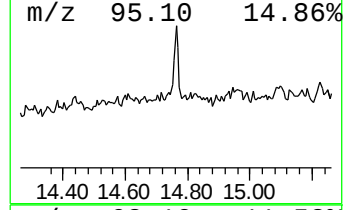
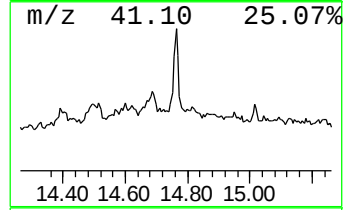
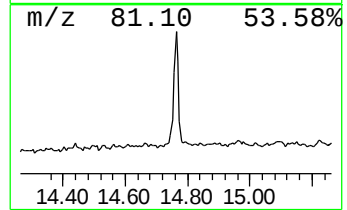
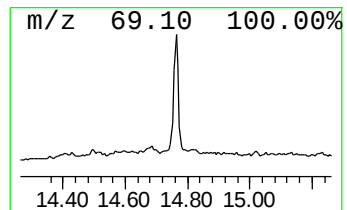
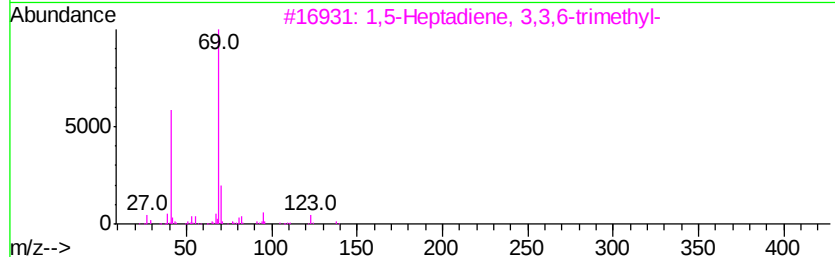
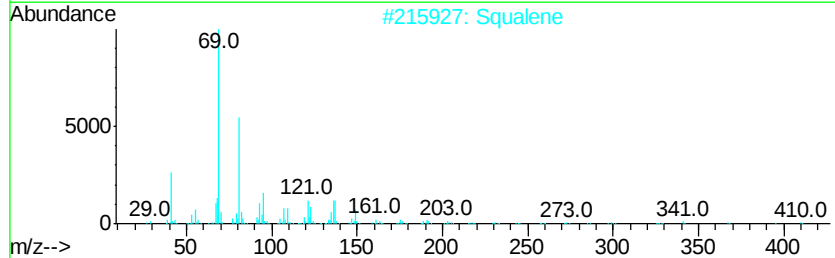
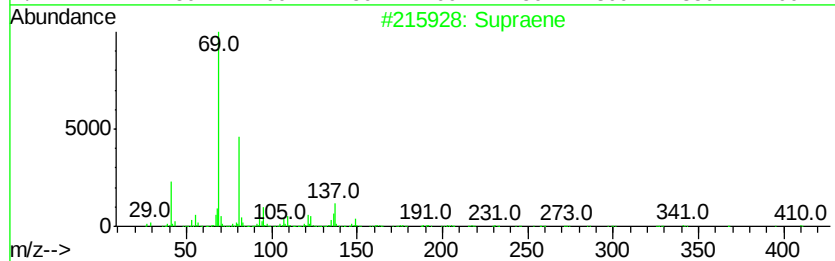
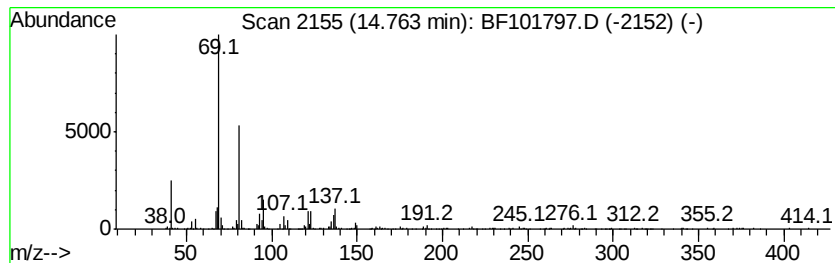
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.82 ng	234754	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	86
3		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59
4		Citral	152	C10H16O	005392-40-5	59
5		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101797.D
Acq On : 28 Dec 2017 12:56
Operator : SJ/JU
Sample : I7064-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

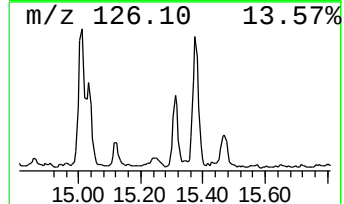
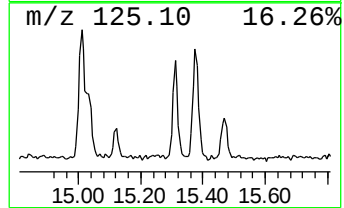
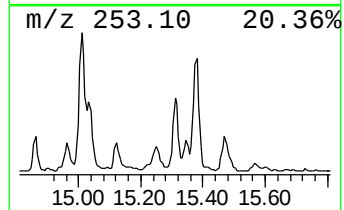
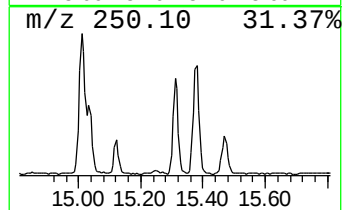
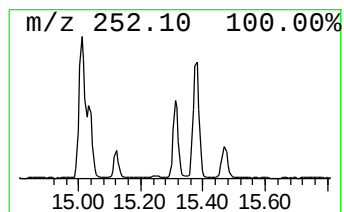
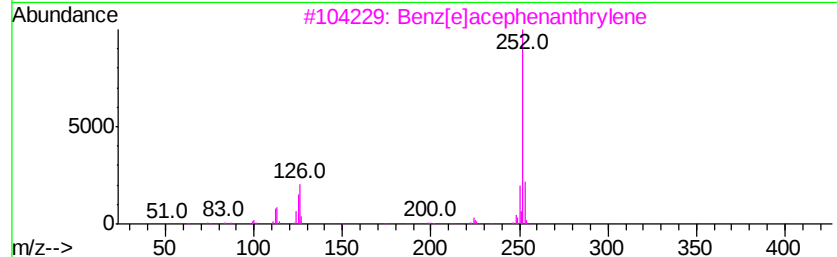
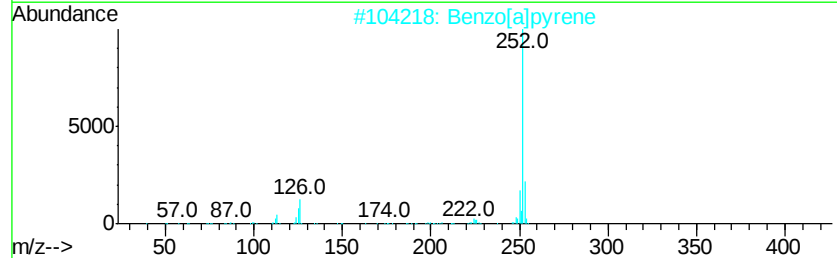
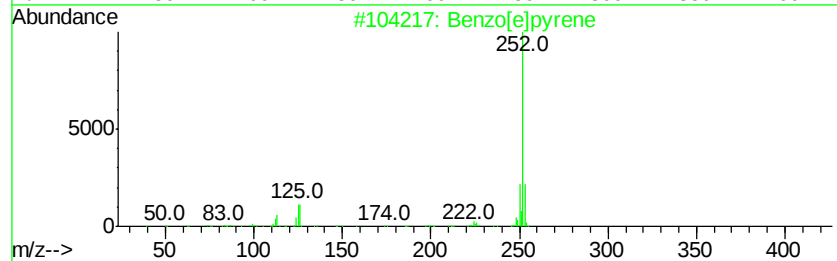
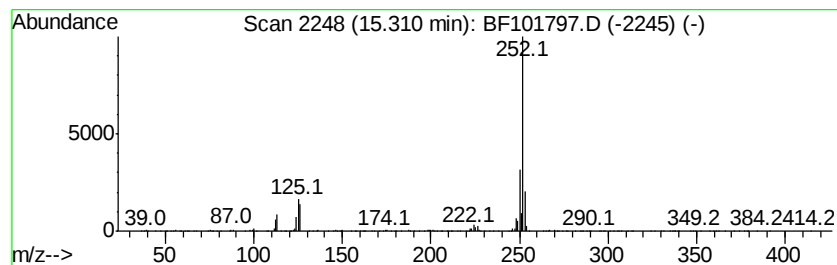
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	12.35 ng	425503	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122817\
 Data File : BF101797.D
 Acq On : 28 Dec 2017 12:56
 Operator : SJ/JU
 Sample : I7064-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown5.01	5.01	7.2 ng		333362	1	6.78	928682	20.0
unknown6.56	6.56	71.4 ng		3316460	1	6.78	928682	20.0
Heneicosane	10.70	3.8 ng		178451	4	11.31	952955	20.0
unknown11.16	11.16	3.4 ng		161309	4	11.31	952955	20.0
n-Hexadecanoic acid	11.82	7.8 ng		373766	4	11.31	952955	20.0
Phenanthrene, 4-m...	11.85	4.4 ng		209283	4	11.31	952955	20.0
4H-Cyclopenta[def...	11.93	6.0 ng		288466	4	11.31	952955	20.0
Octadecanoic acid	12.61	5.0 ng		239703	4	11.31	952955	20.0
Pyrene, 1-methyl-	13.09	4.9 ng		416892	5	13.96	1700010	20.0
Phthalic acid, he...	13.41	3.5 ng		295096	5	13.96	1700010	20.0
unknown13.56	13.56	3.5 ng		297672	5	13.96	1700010	20.0
Phthalic acid, 2,...	13.60	5.0 ng		424469	5	13.96	1700010	20.0
1,2-Benzenedicarb...	13.63	10.1 ng		859692	5	13.96	1700010	20.0
Phthalic acid, he...	13.70	5.9 ng		498013	5	13.96	1700010	20.0
unknown13.77	13.77	8.4 ng		711429	5	13.96	1700010	20.0
Phthalic acid, 6-...	13.79	6.4 ng		546952	5	13.96	1700010	20.0
Supraene	14.76	6.8 ng		234754	6	15.44	688826	20.0
Benzo[e]pyrene	15.31	12.4 ng		425503	6	15.44	688826	20.0