

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103432.D
 Acq On : 6 Mar 2018 1:46
 Operator : SJ/JU
 Sample : J1722-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-24

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-BF022218.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	5.092	509	511	521	rBV	53745	85485	3.34%	0.362%
2	5.498	577	580	613	rBV	1470791	2332239	91.05%	9.866%
3	6.516	749	753	771	rBV	1537691	2561506	100.00%	10.836%
4	6.645	771	775	803	rVB	1962951	2403261	93.82%	10.167%
5	6.875	810	814	821	rBV	676434	758452	29.61%	3.209%
6	7.028	836	840	856	rBV	1662052	1645996	64.26%	6.963%
7	7.439	906	910	926	rBV	1198698	1408526	54.99%	5.959%
8	8.051	1012	1014	1017	rBV	28872	26034	1.02%	0.110%
9	8.157	1028	1032	1053	rVB	897940	1129014	44.08%	4.776%
10	8.875	1151	1154	1160	rBV	54583	65198	2.55%	0.276%
11	8.969	1165	1170	1176	rBV	31959	42495	1.66%	0.180%
12	9.227	1210	1214	1223	rBV	2209363	2048745	79.98%	8.667%
13	9.298	1223	1226	1229	rVV	58440	55477	2.17%	0.235%
14	9.504	1256	1261	1264	rBV5	17155	26125	1.02%	0.111%
15	9.622	1275	1281	1288	rVB2	122895	162622	6.35%	0.688%
16	9.774	1303	1307	1311	rBV	40153	54843	2.14%	0.232%
17	9.827	1311	1316	1320	rVB	102753	93669	3.66%	0.396%
18	9.916	1327	1331	1334	rBV	892934	871152	34.01%	3.685%
19	9.945	1334	1336	1343	rVB	75773	87782	3.43%	0.371%
20	10.121	1362	1366	1368	rBV2	40948	51916	2.03%	0.220%
21	10.151	1368	1371	1375	rVB2	31541	40948	1.60%	0.173%
22	10.227	1381	1384	1387	rBV4	20176	26001	1.02%	0.110%
23	10.327	1398	1401	1404	rVB	118389	105540	4.12%	0.446%
24	10.469	1421	1425	1430	rVB2	35351	42926	1.68%	0.182%
25	10.545	1433	1438	1440	rBV2	46364	50623	1.98%	0.214%
26	10.710	1462	1466	1478	rBV	823397	909185	35.49%	3.846%
27	10.798	1478	1481	1491	rVB2	106729	166142	6.49%	0.703%
28	10.874	1491	1494	1496	rBV	30280	34186	1.33%	0.145%
29	10.910	1497	1500	1503	rVB2	23577	30049	1.17%	0.127%
30	10.945	1503	1506	1509	rBV2	35590	40196	1.57%	0.170%
31	11.092	1529	1531	1534	rVB	31307	25723	1.00%	0.109%
32	11.127	1534	1537	1542	rBV7	21913	40814	1.59%	0.173%
33	11.221	1550	1553	1555	rBV2	26766	25822	1.01%	0.109%
34	11.251	1555	1558	1560	rVV	83538	77750	3.04%	0.329%

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Integrator: RTE
Smoothing : ON
Sampling : 1
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Max Peaks: 100
Peak Location: TOP

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35	11.280	1560	1563	1565	rVV2	31650	38406	1.50%	0.162%
36	11.310	1565	1568	1572	rVB2	27600	32634	1.27%	0.138%
37	11.410	1581	1585	1587	rBV	807573	744078	29.05%	3.148%
38	11.433	1587	1589	1593	rVV	400144	338750	13.22%	1.433%
39	11.486	1595	1598	1602	rVB	95477	92044	3.59%	0.389%
40	11.651	1623	1626	1628	rBV	30784	31913	1.25%	0.135%
41	11.916	1667	1671	1673	rBV	58492	66684	2.60%	0.282%
42	11.939	1673	1675	1680	rVB2	65426	66300	2.59%	0.280%
43	12.027	1686	1690	1692	rBV2	86358	95153	3.71%	0.403%
44	12.086	1697	1700	1704	rBV3	28551	32561	1.27%	0.138%
45	12.204	1717	1720	1724	rBV	49441	53337	2.08%	0.226%
46	12.245	1724	1727	1731	rVB4	36419	46484	1.81%	0.197%
47	12.463	1761	1764	1769	rBV2	61538	97958	3.82%	0.414%
48	12.563	1776	1781	1782	rBV2	46568	54974	2.15%	0.233%
49	12.627	1789	1792	1796	rBV	584546	588586	22.98%	2.490%
50	12.863	1825	1832	1838	rBV	623136	734057	28.66%	3.105%
51	12.910	1838	1840	1844	rVB	41935	41621	1.62%	0.176%
52	12.992	1850	1854	1858	rBV	1446708	1303490	50.89%	5.514%
53	13.074	1865	1868	1869	rBV3	34972	39697	1.55%	0.168%
54	13.704	1973	1975	1979	rBV	54952	61338	2.39%	0.259%
55	13.874	2001	2004	2009	rBV4	133859	158833	6.20%	0.672%
56	14.068	2032	2037	2039	rBV2	600186	761511	29.73%	3.222%
57	14.092	2039	2041	2045	rVB	240091	199346	7.78%	0.843%
58	15.133	2215	2218	2220	rBV	138517	183208	7.15%	0.775%
59	15.580	2291	2294	2299	rVB	229444	248741	9.71%	1.052%

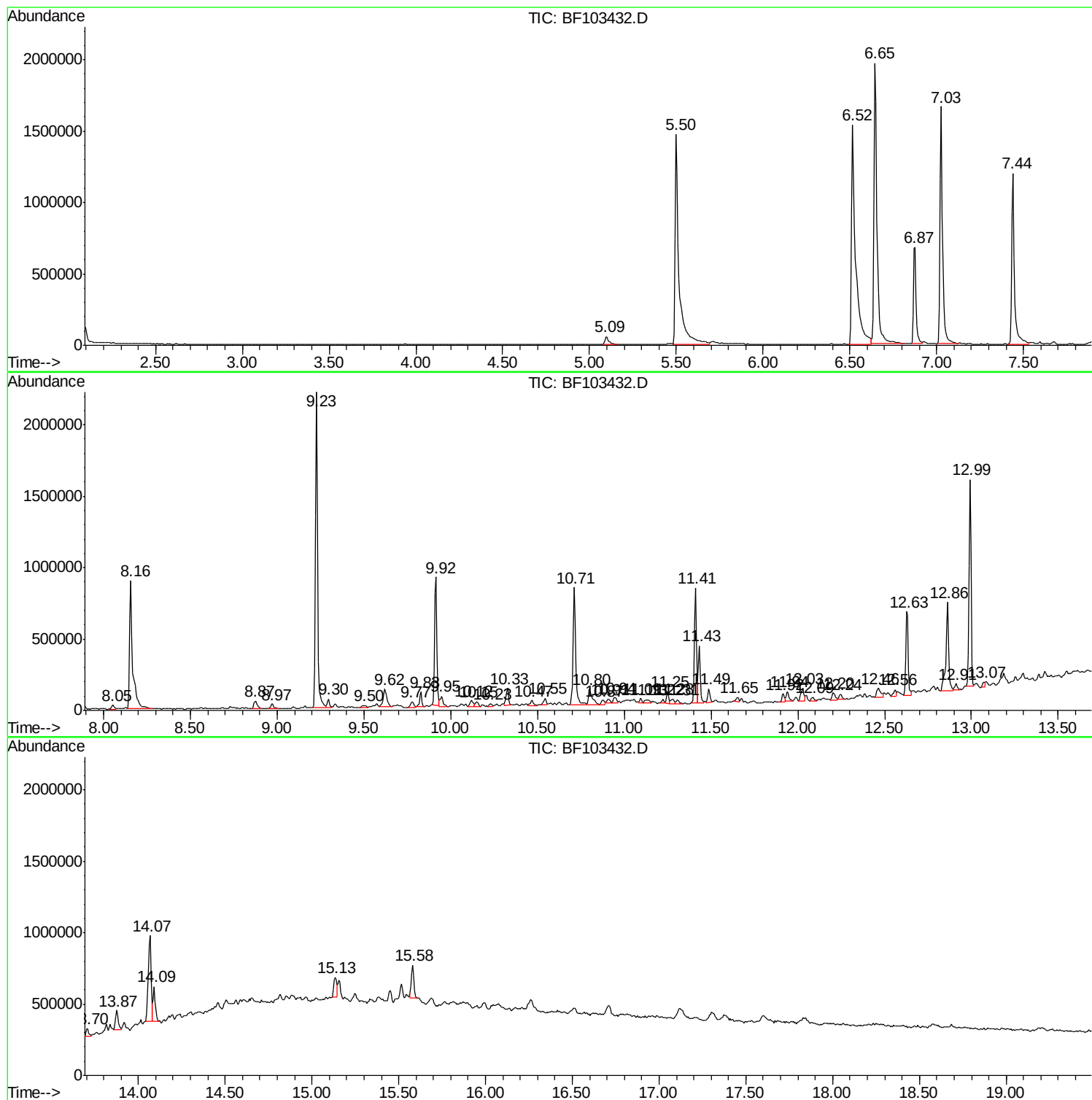
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ClientSampled :
SP-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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Sample : J1722-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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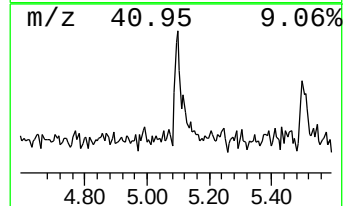
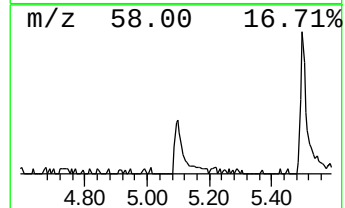
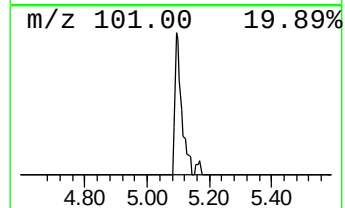
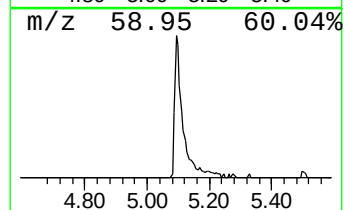
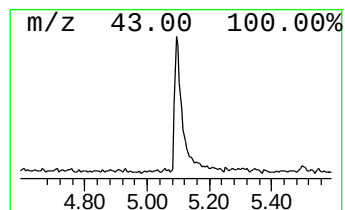
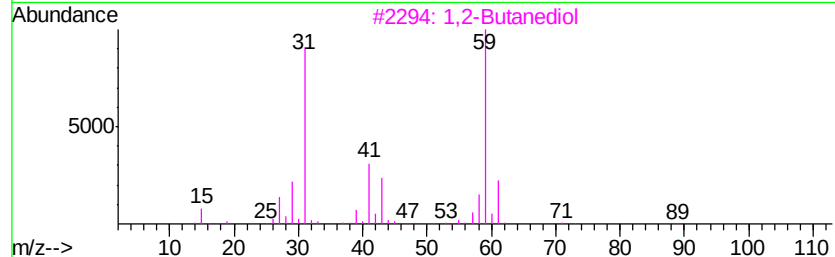
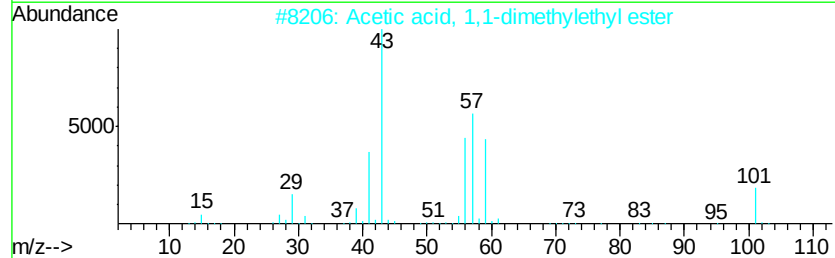
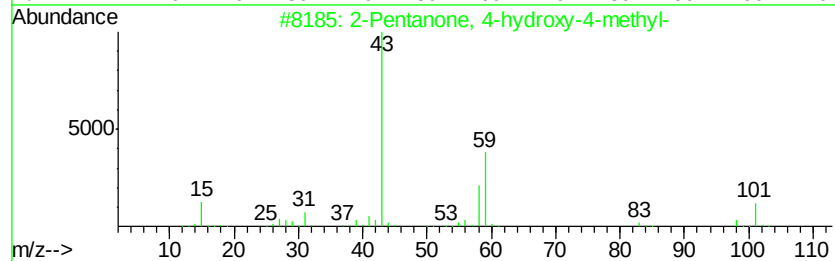
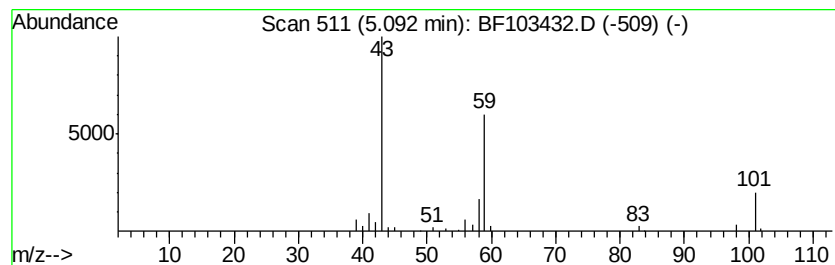
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.25 ng	85485	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	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		1,2-Butanediol	90	C4H10O2	000584-03-2	32
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Acetone	58	C3H6O	000067-64-1	9



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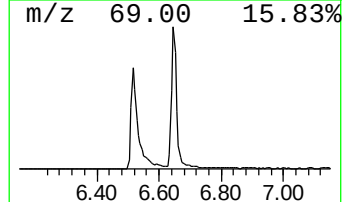
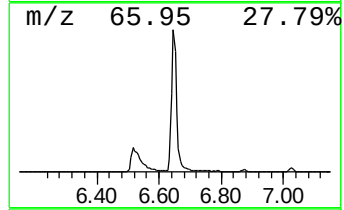
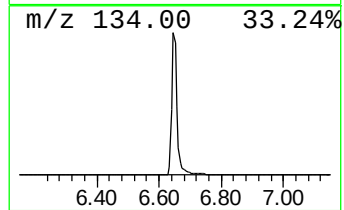
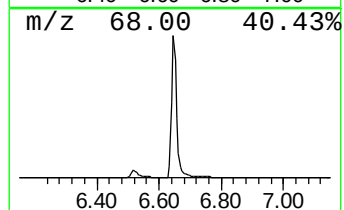
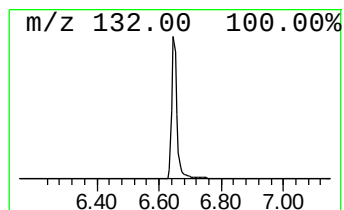
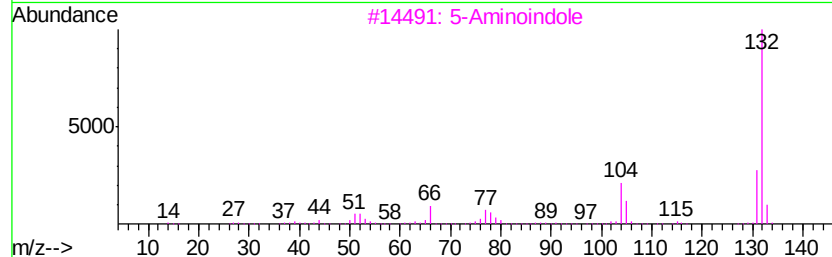
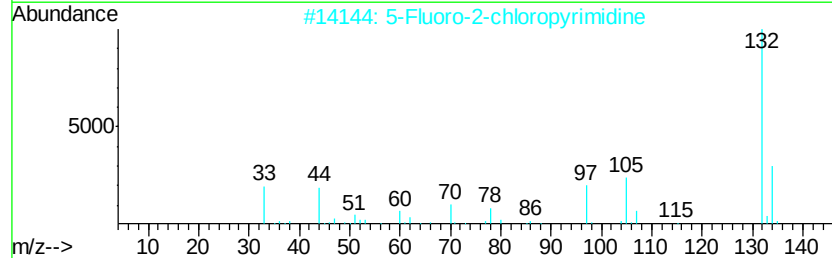
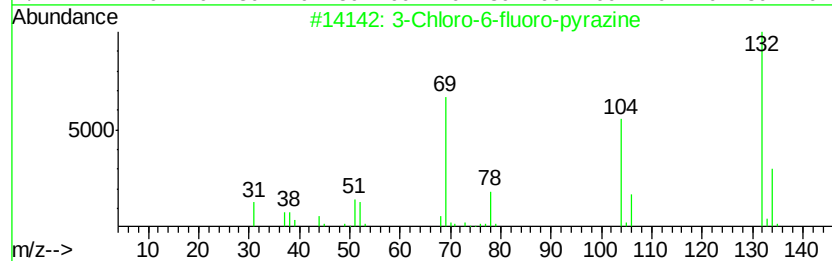
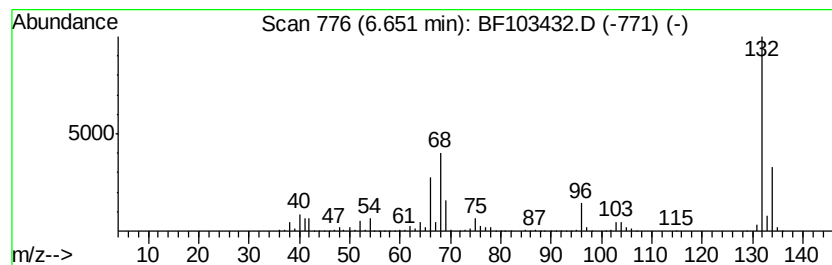
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	63.37 ng	2403260	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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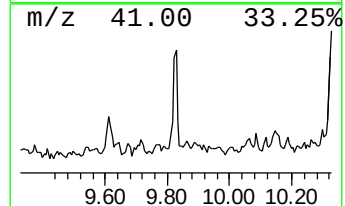
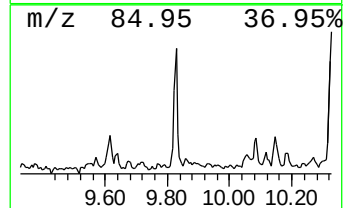
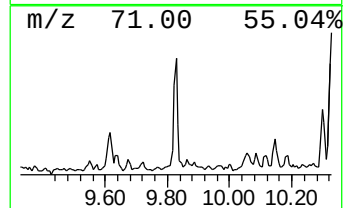
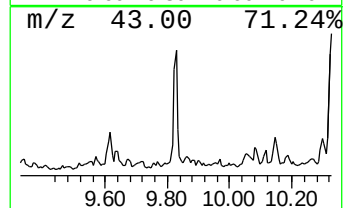
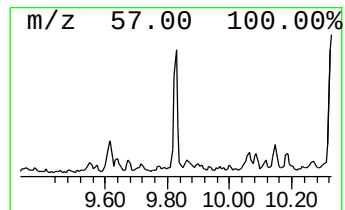
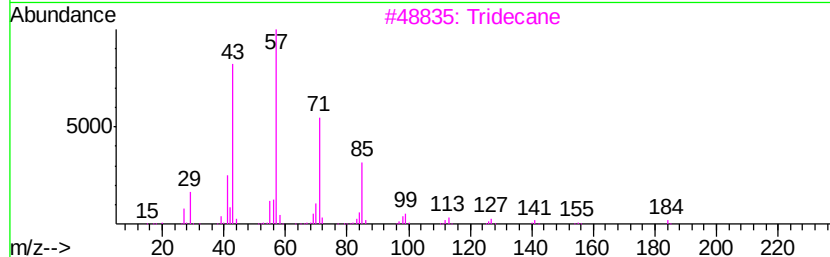
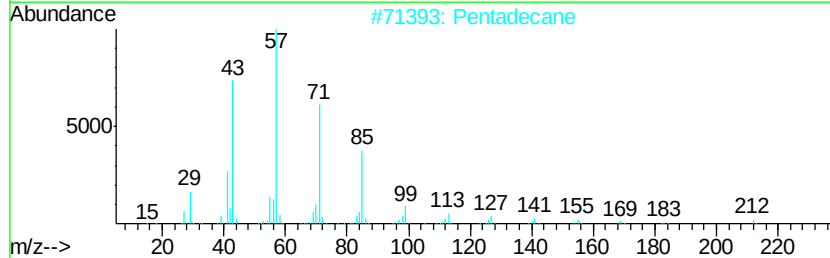
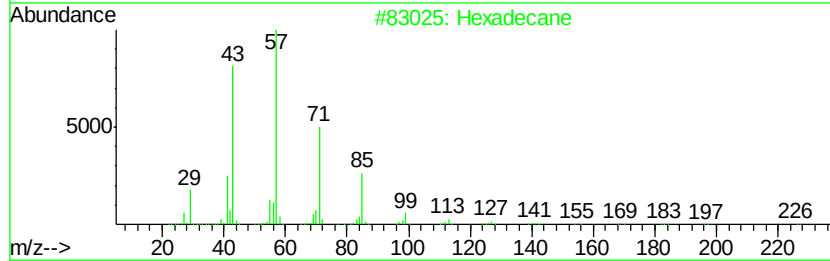
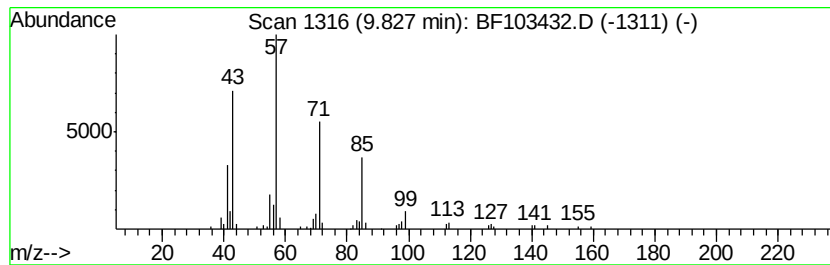
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.15 ng	93669	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Pentadecane		212	C15H32	000629-62-9	83
3	Tridecane		184	C13H28	000629-50-5	78
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	72
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	64



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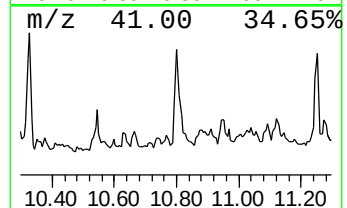
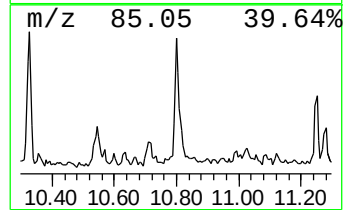
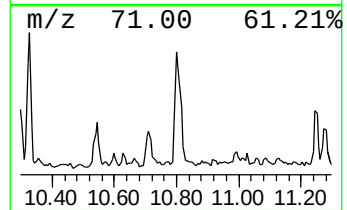
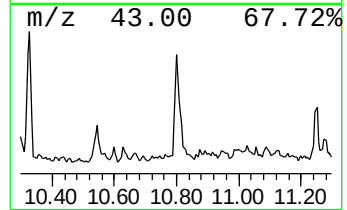
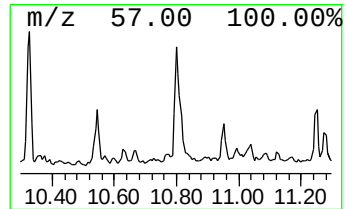
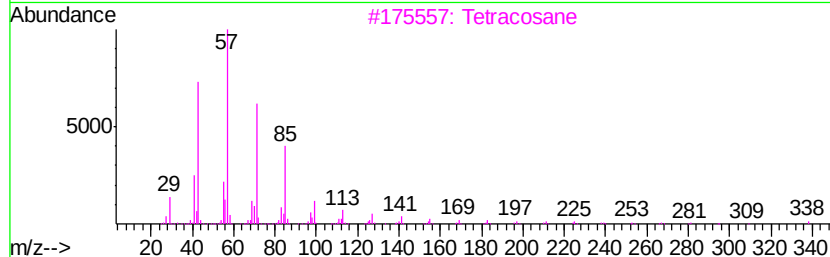
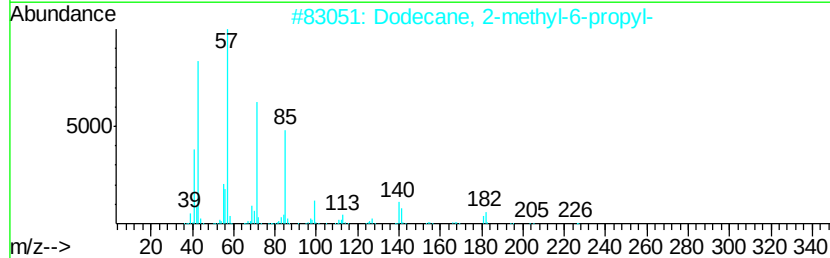
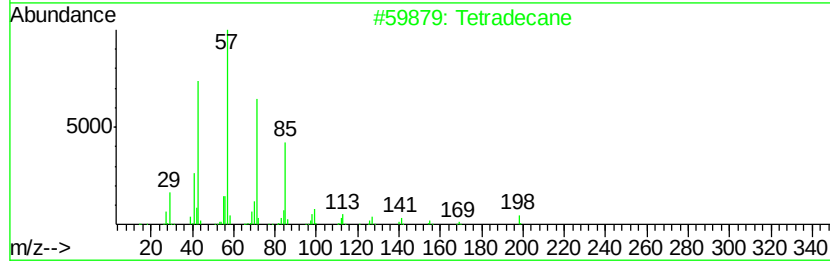
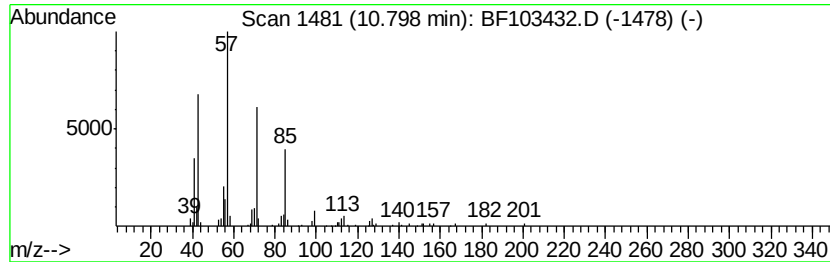
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	4.47 ng	166142	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Hexadecane	226	C16H34	000544-76-3	64



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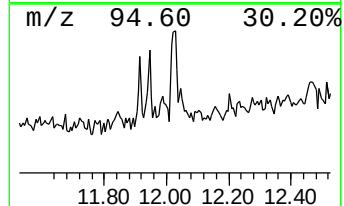
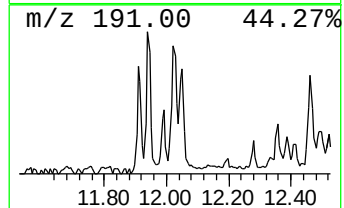
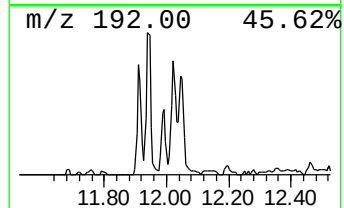
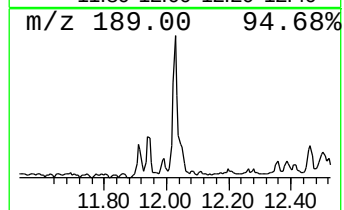
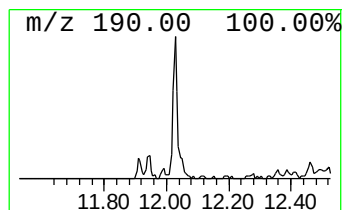
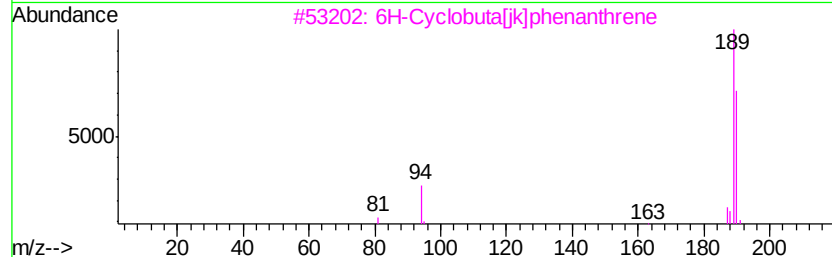
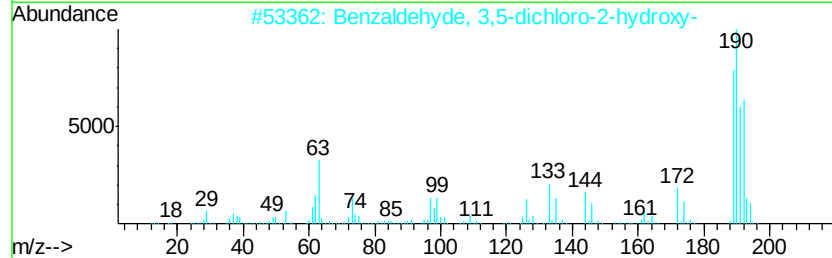
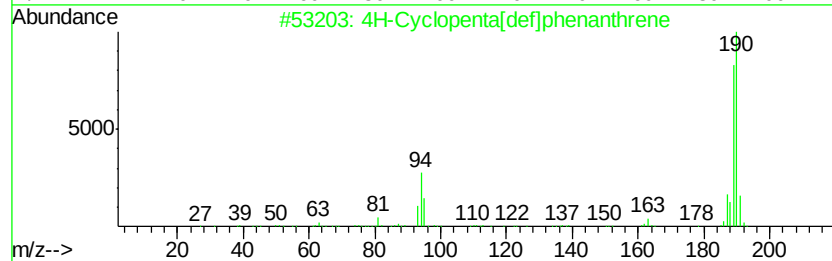
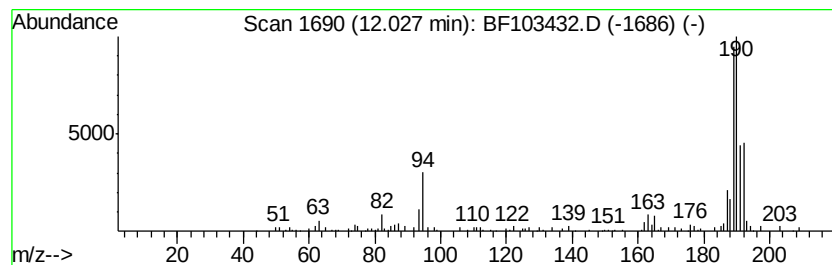
Instrument :
BNA_F
ClientSampleId :
SP-24

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	2.56 ng	95153	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103432.D
Acq On : 6 Mar 2018 1:46
Operator : SJ/JU
Sample : J1722-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-24

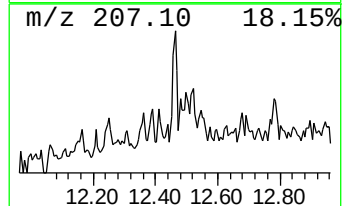
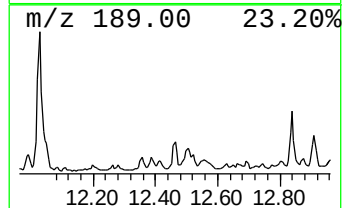
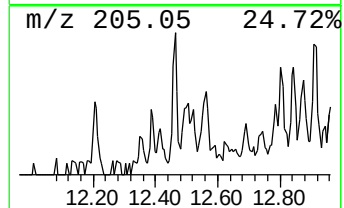
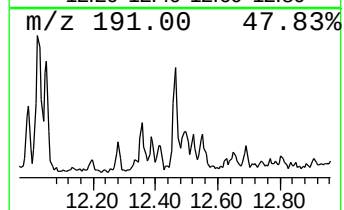
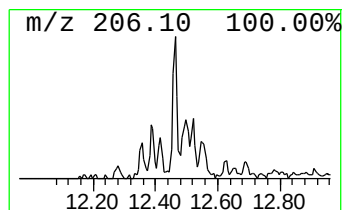
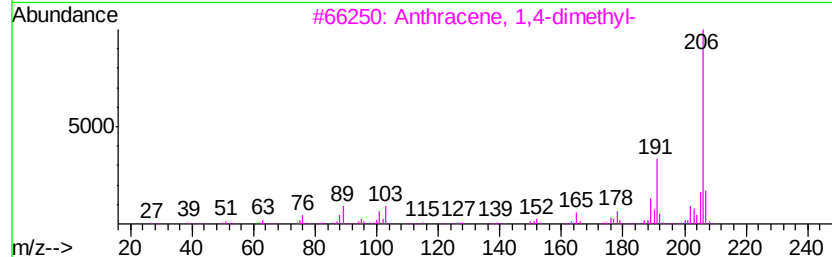
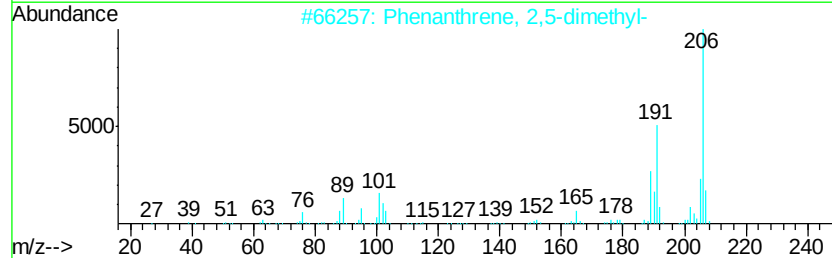
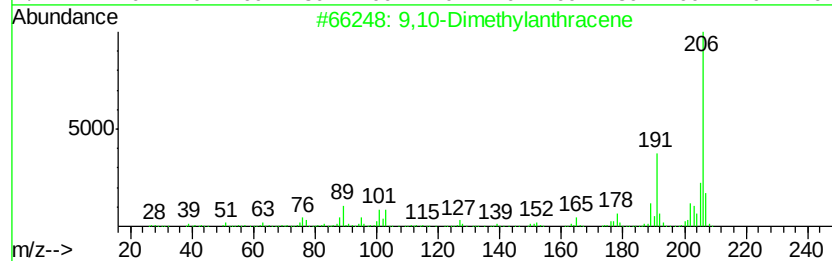
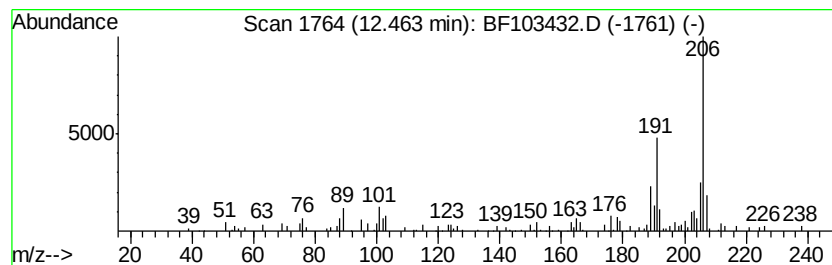
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.63 ng	97958	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	97
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103432.D
Acq On : 6 Mar 2018 1:46
Operator : SJ/JU
Sample : J1722-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

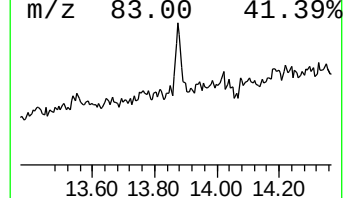
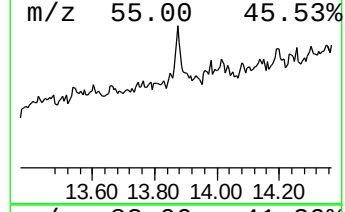
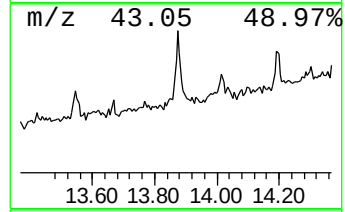
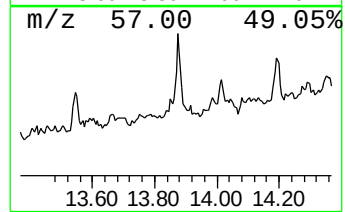
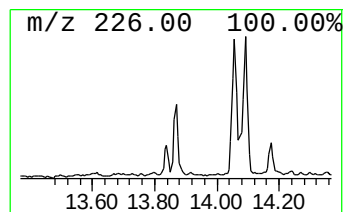
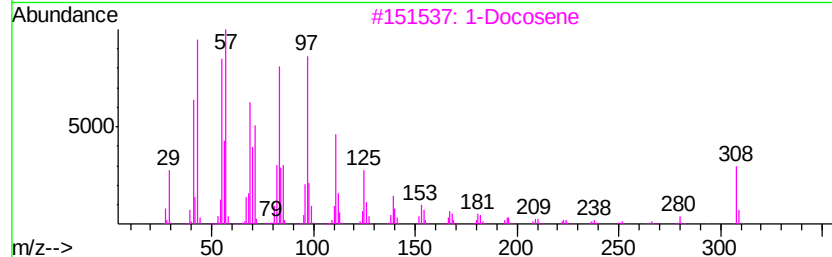
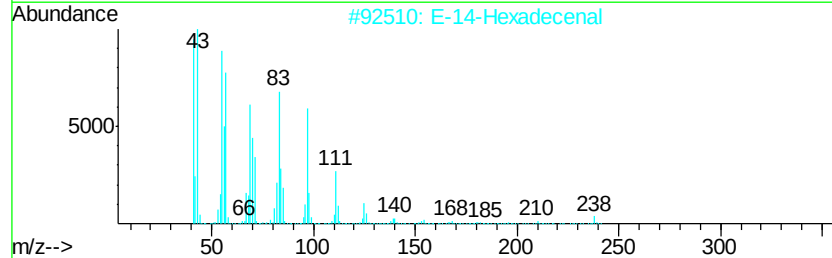
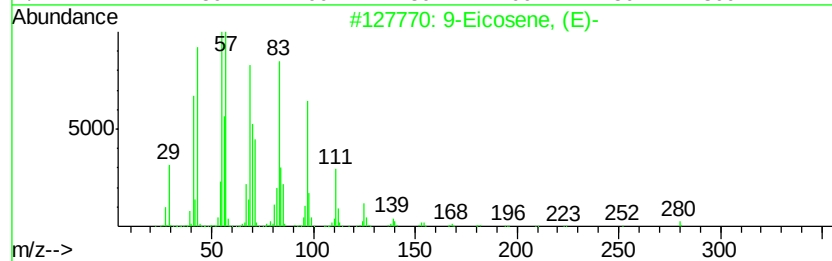
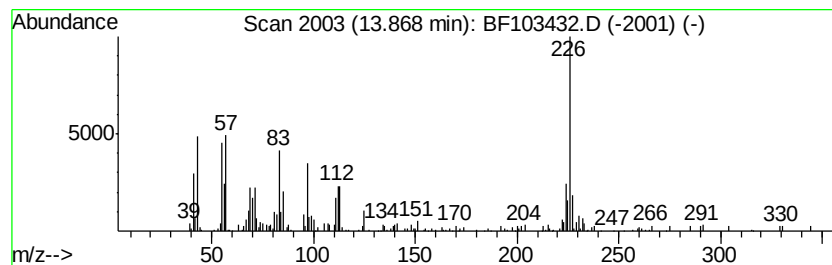
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.87	4.17 ng	158833	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Eicosene, (E)-	280	C20H40	074685-29-3	84
2		E-14-Hexadecenal	238	C16H30O	330207-53-9	83
3		1-Docosene	308	C22H44	001599-67-3	64
4		Z-5-Nonadecene	266	C19H38	1000131-11-8	64
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103432.D
Acq On : 6 Mar 2018 1:46
Operator : SJ/JU
Sample : J1722-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
2-Pentanone, 4-hy...	5.09	2.3	ng	85485	1	6.87	758452	20.0
unknown6.65	6.65	63.4	ng	2403260	1	6.87	758452	20.0
Hexadecane	9.83	2.1	ng	93669	3	9.92	871152	20.0
Tetradecane	10.80	4.5	ng	166142	4	11.41	744078	20.0
4H-Cyclopenta[def...	12.03	2.6	ng	95153	4	11.41	744078	20.0
9,10-Dimethylanthe...	12.46	2.6	ng	97958	4	11.41	744078	20.0
9-Eicosene, (E)-	13.87	4.2	ng	158833	5	14.07	761511	20.0