

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095426.D
 Acq On : 25 May 2017 16:39
 Operator : SJ/MA
 Sample : I3310-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2019

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-BF050217.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	5.090	532	536	554	rBV2	64727	186214	8.04%	0.673%
2	5.701	636	640	667	rBV	807671	1994841	86.18%	7.206%
3	5.960	679	684	692	rVB3	27385	50218	2.17%	0.181%
4	7.289	905	910	926	rBV	911179	1929691	83.36%	6.970%
5	7.407	926	930	939	rVB	1393856	2246282	97.04%	8.114%
6	7.542	949	953	964	rVB	30080	48854	2.11%	0.176%
7	7.742	983	987	996	rBV	409629	507936	21.94%	1.835%
8	7.931	1014	1019	1023	rBV	73814	139239	6.02%	0.503%
9	7.978	1023	1027	1045	rVB	1285396	1665884	71.97%	6.017%
10	8.648	1136	1141	1156	rBV	684546	1182604	51.09%	4.272%
11	8.754	1156	1159	1163	rVB	55514	64557	2.79%	0.233%
12	9.001	1195	1201	1204	rBV6	32273	56677	2.45%	0.205%
13	9.360	1256	1262	1268	rBV8	22012	56474	2.44%	0.204%
14	9.530	1284	1291	1296	rBV5	26663	54990	2.38%	0.199%
15	9.766	1322	1331	1341	rBV	459769	851457	36.78%	3.076%
16	9.836	1341	1343	1354	rVB3	108644	177384	7.66%	0.641%
17	9.966	1361	1365	1370	rVB	43786	55359	2.39%	0.200%
18	10.119	1383	1391	1396	rBV6	21902	42471	1.83%	0.153%
19	10.295	1417	1421	1425	rBV5	24606	41015	1.77%	0.148%
20	10.477	1448	1452	1456	rBV5	27627	40877	1.77%	0.148%
21	10.548	1459	1464	1468	rVV2	70277	88369	3.82%	0.319%
22	10.601	1469	1473	1477	rVB	41900	58064	2.51%	0.210%
23	10.825	1505	1511	1519	rVB2	147914	209298	9.04%	0.756%
24	10.936	1527	1530	1535	rVB	51503	64254	2.78%	0.232%
25	11.083	1549	1555	1559	rBV2	61426	95857	4.14%	0.346%
26	11.119	1559	1561	1567	rVB6	48522	73791	3.19%	0.267%
27	11.289	1587	1590	1593	rBV	43927	54593	2.36%	0.197%
28	11.360	1598	1602	1608	rVB3	44039	76421	3.30%	0.276%
29	11.419	1609	1612	1616	rBV	43768	48500	2.10%	0.175%
30	11.483	1617	1623	1627	rBV4	41116	79038	3.41%	0.285%
31	11.536	1627	1632	1645	rVV	1713441	2314840	100.00%	8.361%
32	11.748	1664	1668	1676	rBV2	259397	343178	14.83%	1.240%
33	12.066	1719	1722	1725	rBV3	35012	46327	2.00%	0.167%
34	12.119	1725	1731	1735	rVB7	51088	91992	3.97%	0.332%

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35	12.171	1735	1740	1742	rBV3	37282	57610	2.49%	0.208%
36	12.230	1746	1750	1755	rBV	471849	663589	28.67%	2.397%
37	12.271	1755	1757	1760	rVB4	95810	104079	4.50%	0.376%
38	12.366	1769	1773	1779	rBV4	111787	172959	7.47%	0.625%
39	12.448	1783	1787	1793	rVB6	57574	87129	3.76%	0.315%
40	12.507	1793	1797	1800	rBV5	28778	43180	1.87%	0.156%
41	12.595	1808	1812	1819	rBV3	606964	1240406	53.58%	4.480%
42	12.836	1851	1853	1861	rVB4	33787	63287	2.73%	0.229%
43	13.036	1884	1887	1890	rVB3	67493	75628	3.27%	0.273%
44	13.136	1901	1904	1910	rVB3	120238	160669	6.94%	0.580%
45	13.195	1911	1914	1921	rVV3	77709	95914	4.14%	0.346%
46	13.430	1949	1954	1960	rBV	702975	931517	40.24%	3.365%
47	13.795	2009	2016	2020	rBV	164830	331640	14.33%	1.198%
48	13.901	2030	2034	2046	rBV	620236	1186008	51.23%	4.284%
49	14.089	2063	2066	2070	rVB	58382	76451	3.30%	0.276%
50	14.207	2081	2086	2096	rBV	763885	1652589	71.39%	5.969%
51	14.636	2155	2159	2162	rBV4	55321	98489	4.25%	0.356%
52	14.942	2206	2211	2216	rBV	1111946	1839189	79.45%	6.643%
53	15.007	2216	2222	2226	rVB2	320072	640320	27.66%	2.313%
54	15.601	2319	2323	2329	rBV	361569	621939	26.87%	2.247%
55	15.965	2381	2385	2393	rVB	857924	1214106	52.45%	4.385%
56	16.201	2421	2425	2433	rBV	352053	826729	35.71%	2.986%
57	16.748	2515	2518	2522	rBV2	243446	463666	20.03%	1.675%

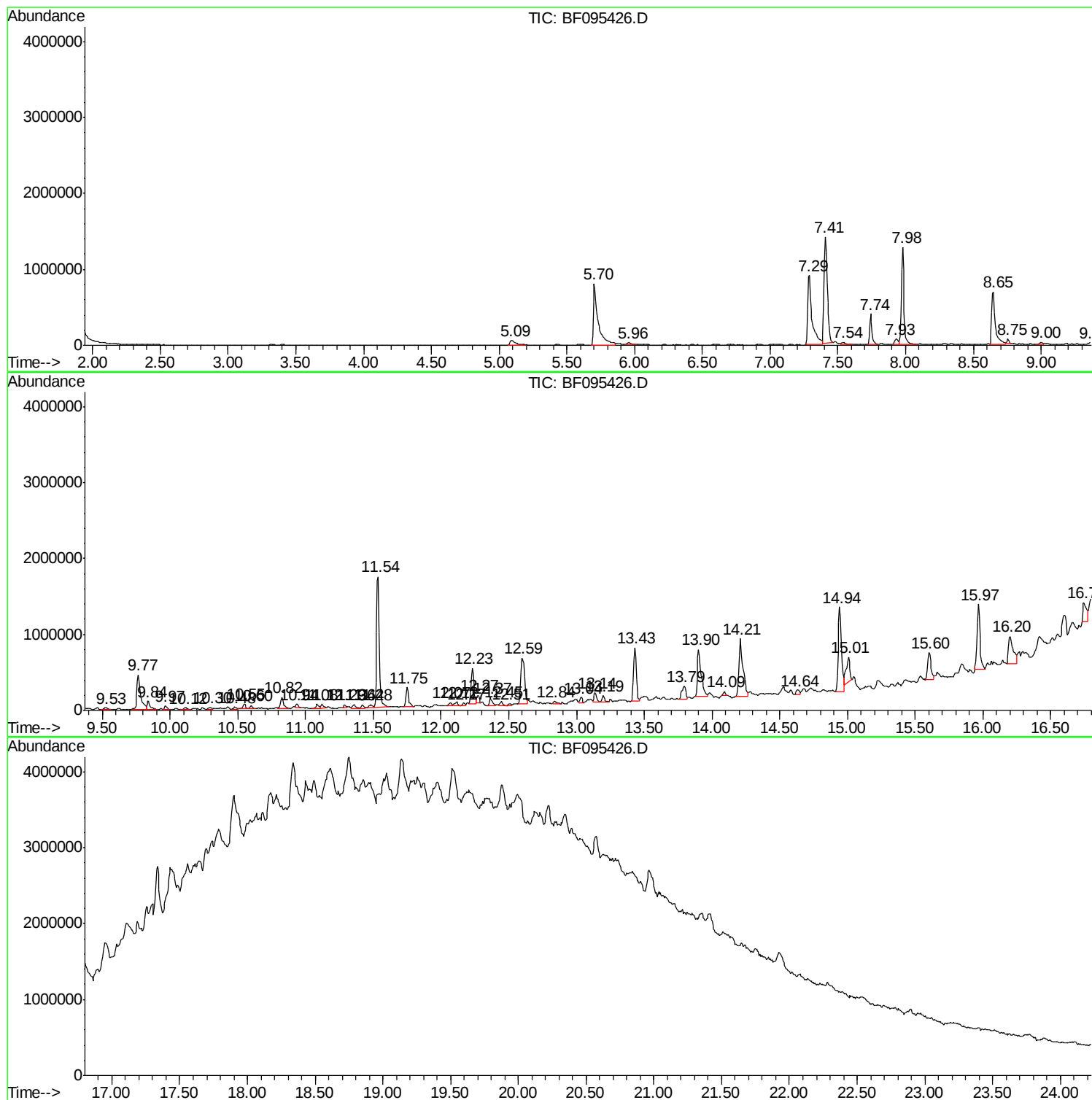
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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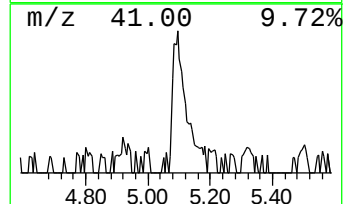
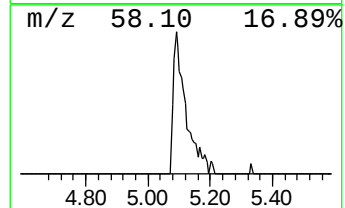
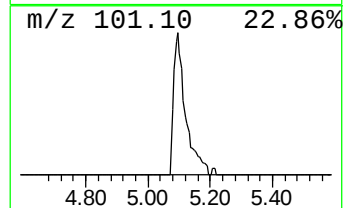
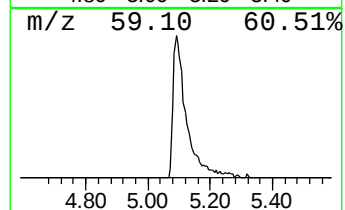
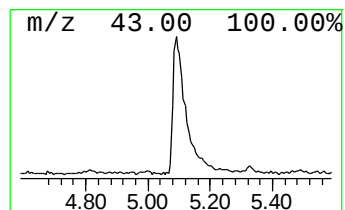
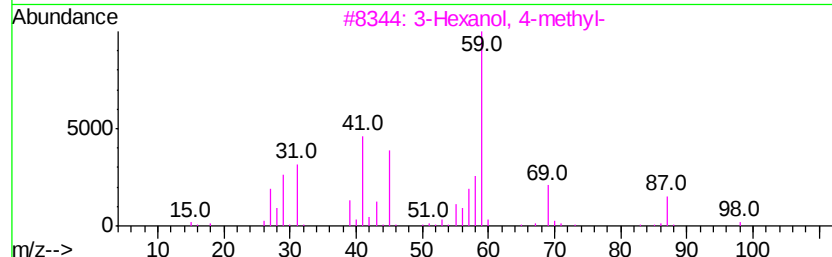
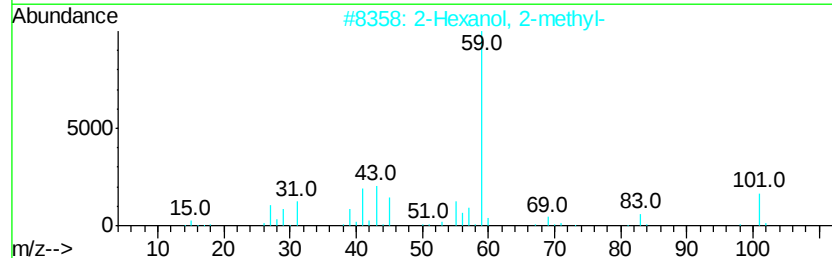
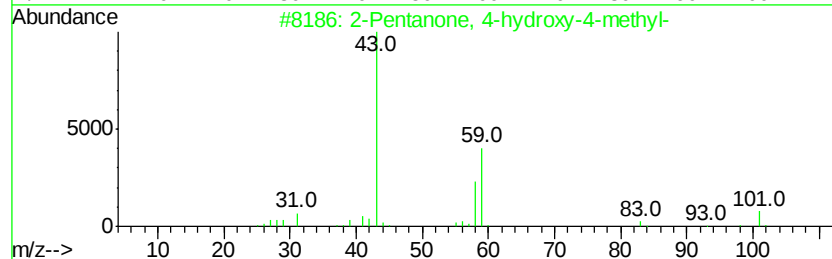
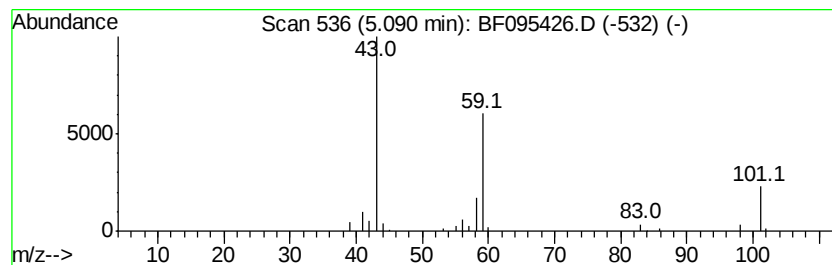
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	7.33 ng	186214	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	12



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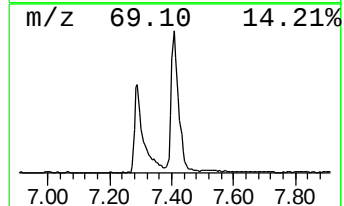
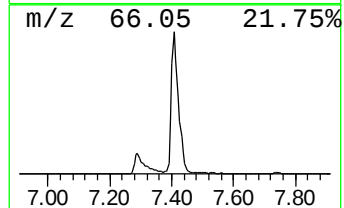
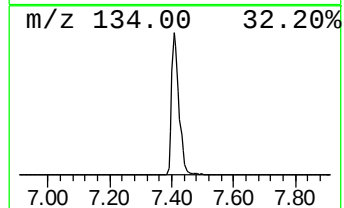
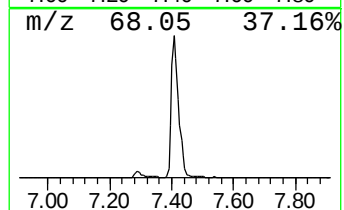
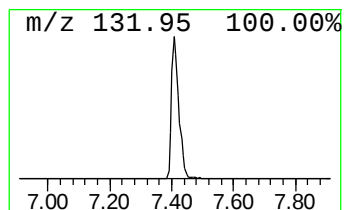
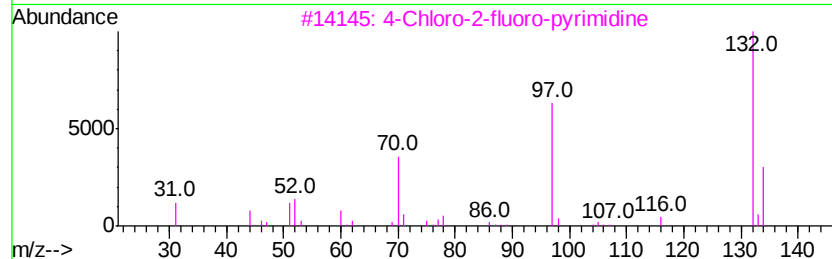
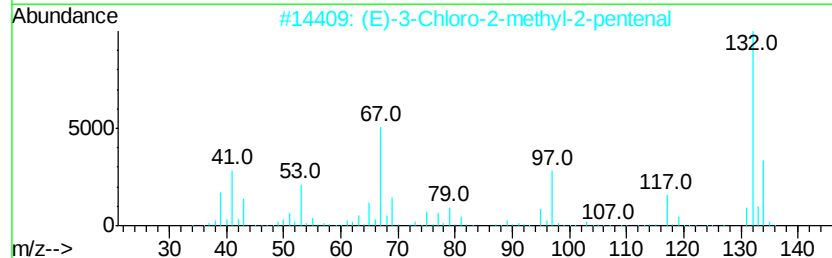
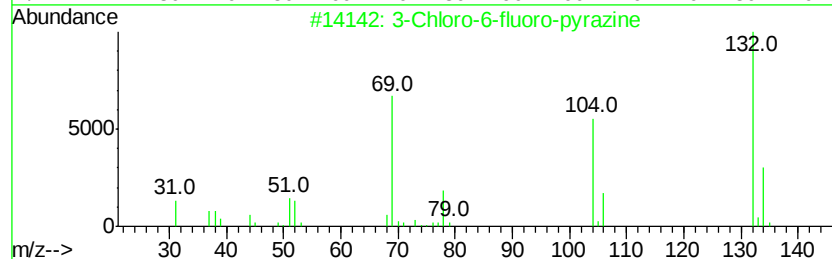
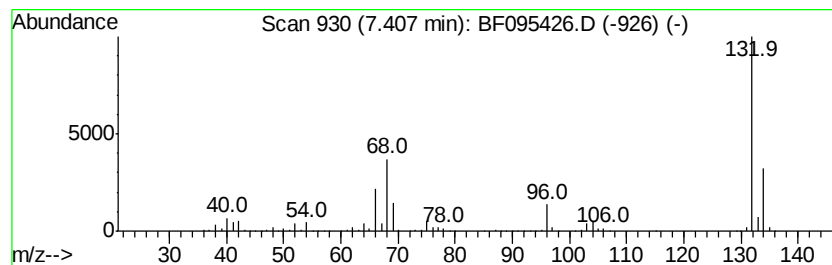
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	88.45 ng	2246280	1,4-Dichlorobenzene-d4	7.74

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		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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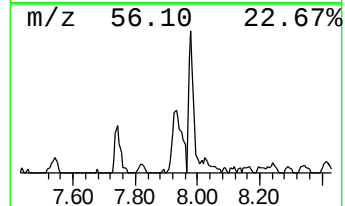
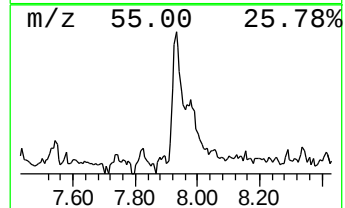
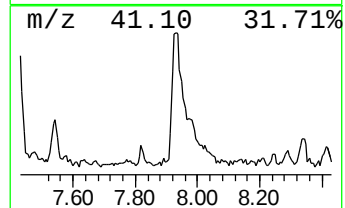
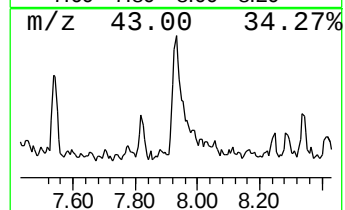
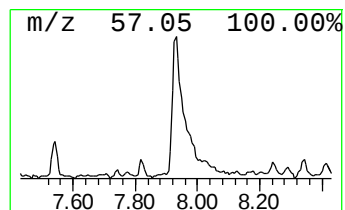
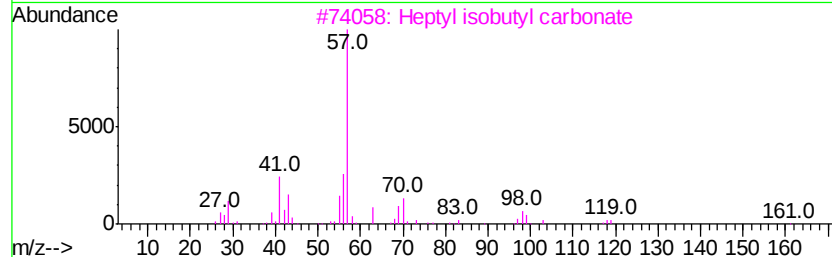
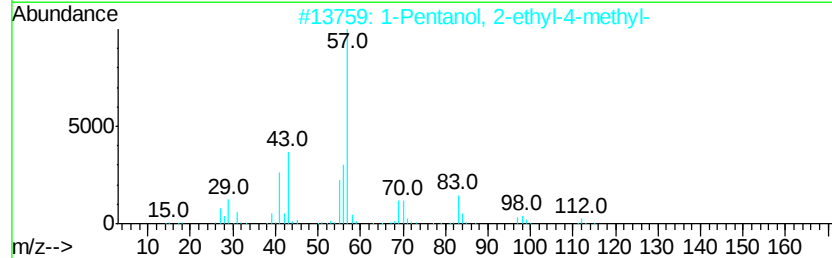
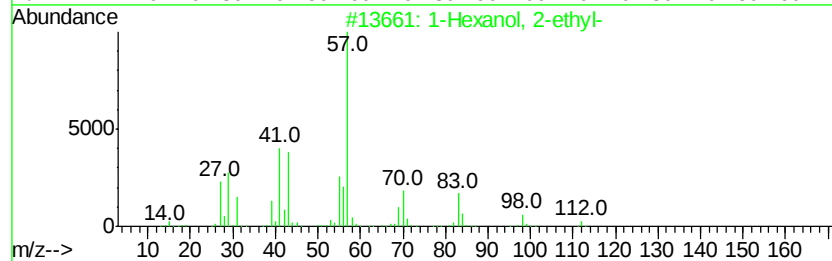
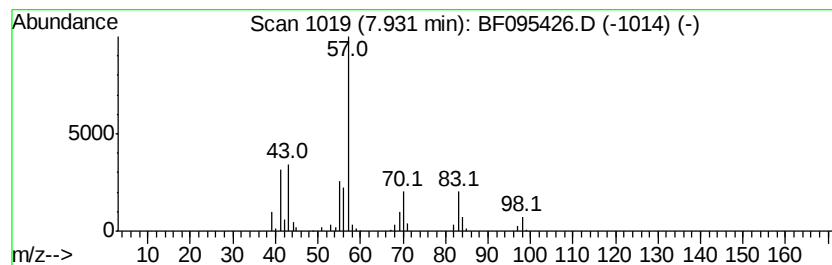
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	5.48 ng	139239	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
3			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
4			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43



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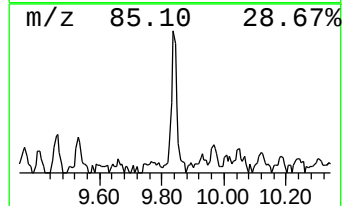
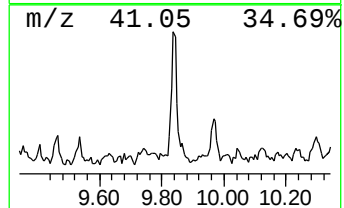
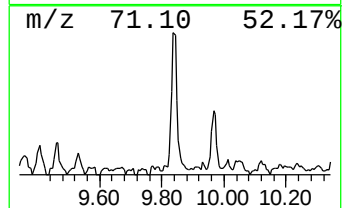
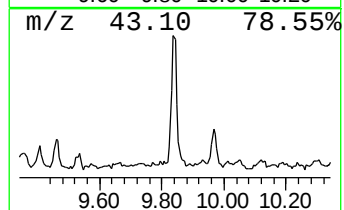
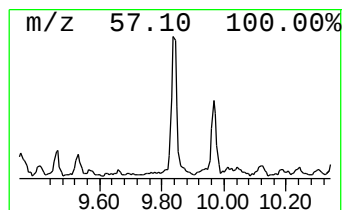
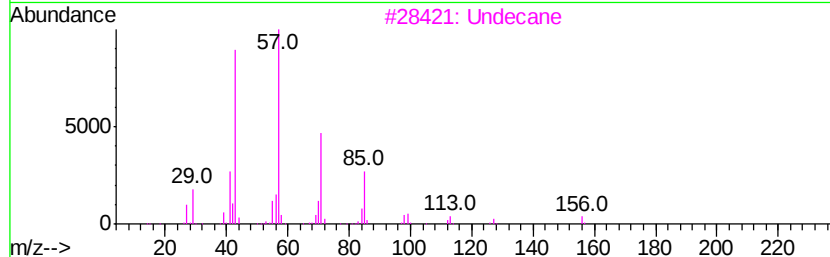
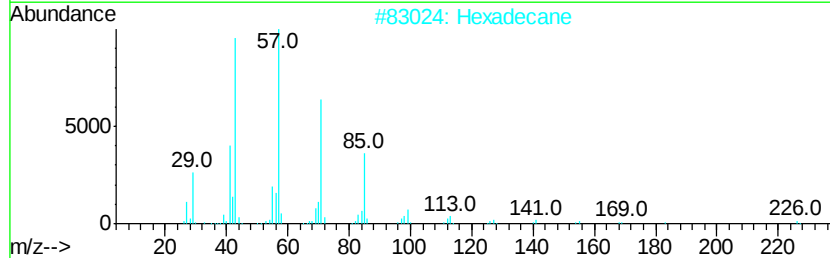
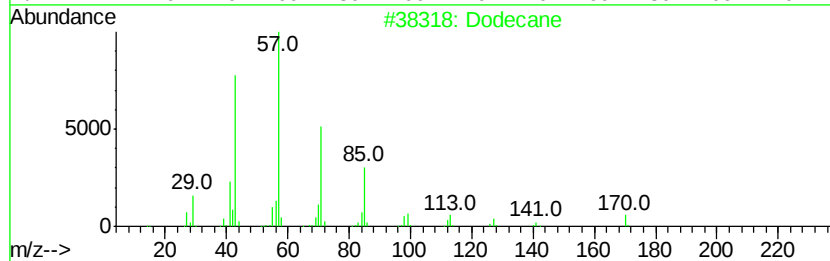
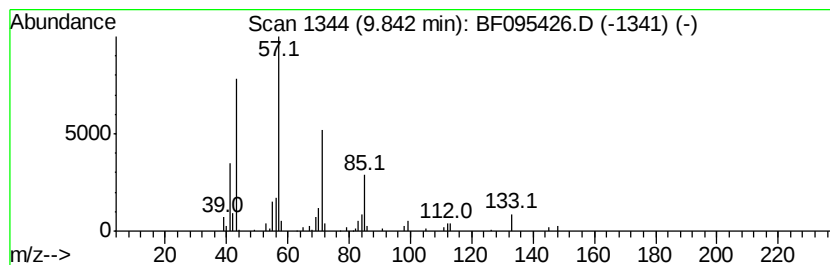
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	4.17 ng	177384	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Undecane	156	C11H24	001120-21-4	86
4		Tetradecane	198	C14H30	000629-59-4	78
5		Tridecane	184	C13H28	000629-50-5	78



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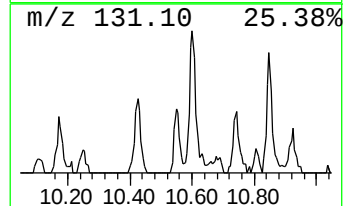
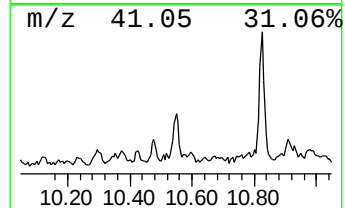
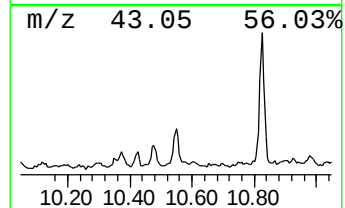
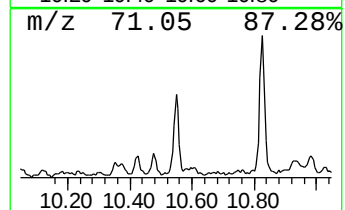
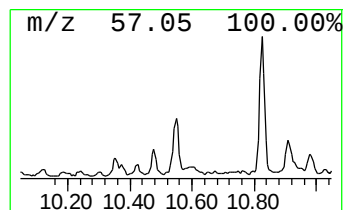
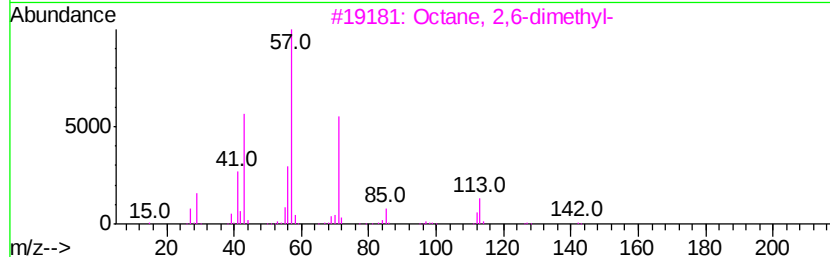
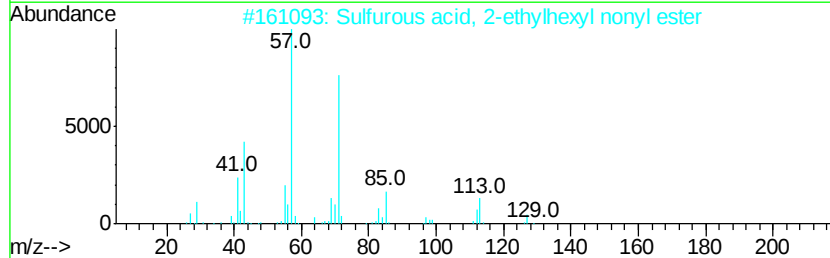
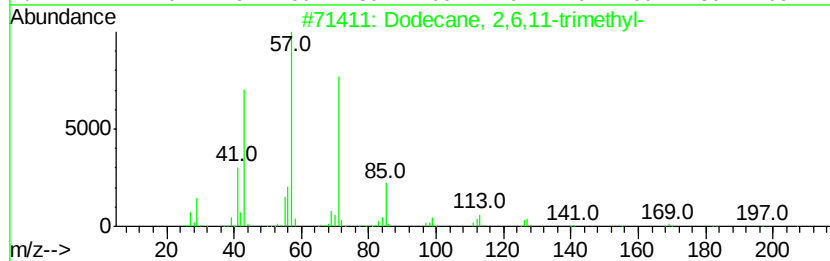
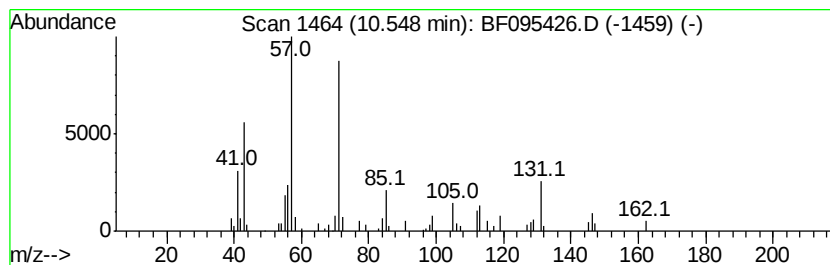
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.08 ng	88369	Napthalene-d8	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59	
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59	
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59	
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53	
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	50	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095426.D
Acq On : 25 May 2017 16:39
Operator : SJ/MA
Sample : I3310-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-2019

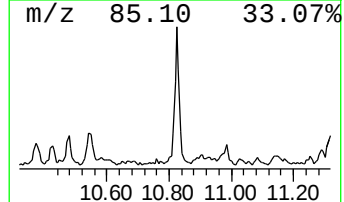
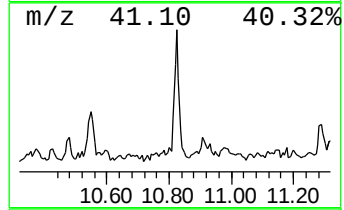
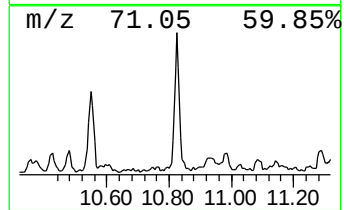
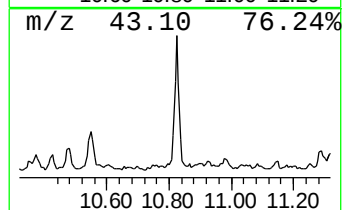
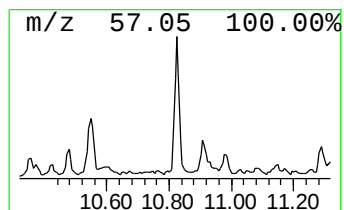
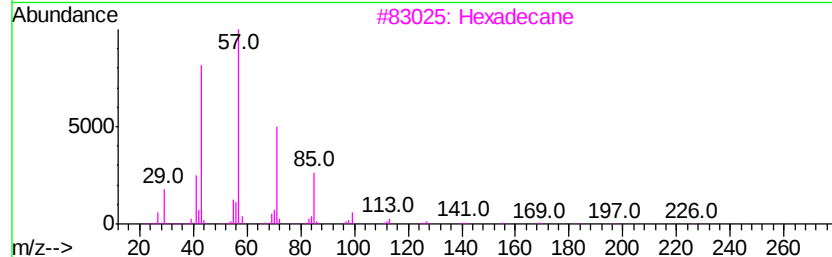
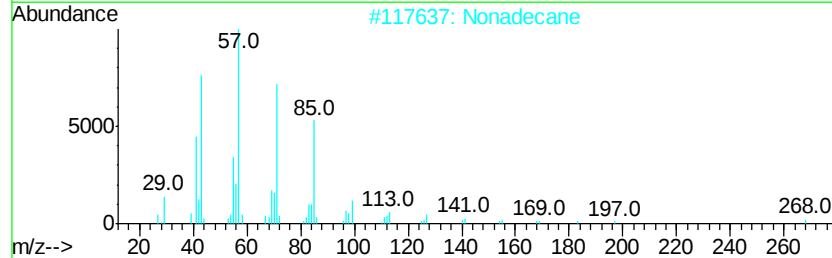
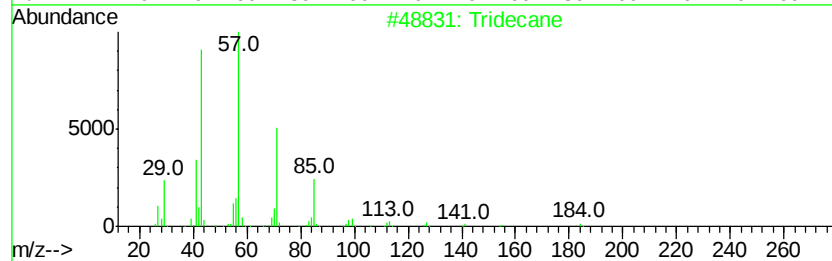
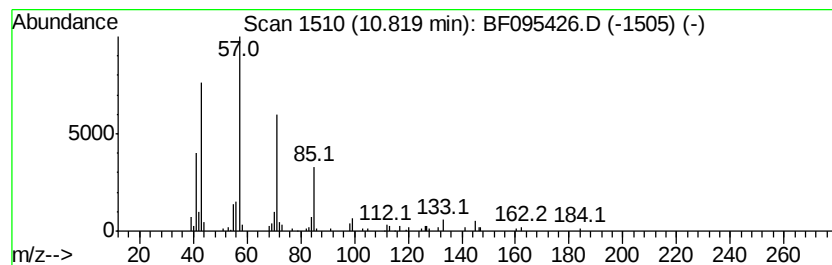
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.92 ng	209298	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Nonadecane	268	C19H40	000629-92-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Pentadecane	212	C15H32	000629-62-9	80
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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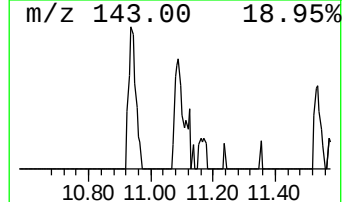
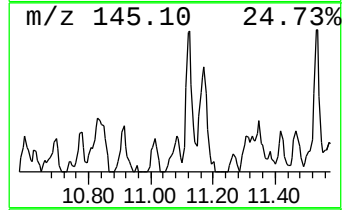
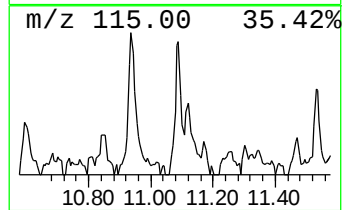
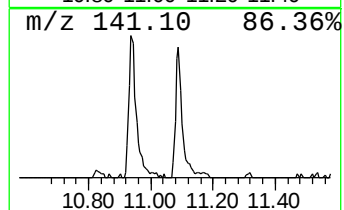
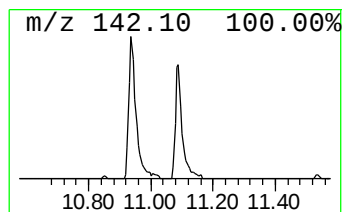
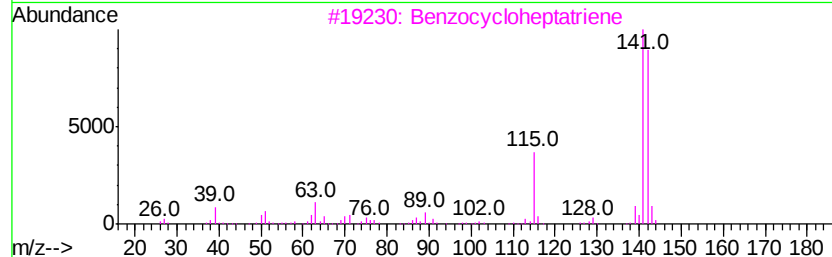
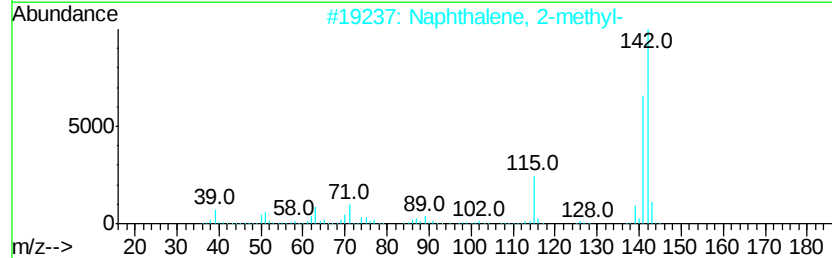
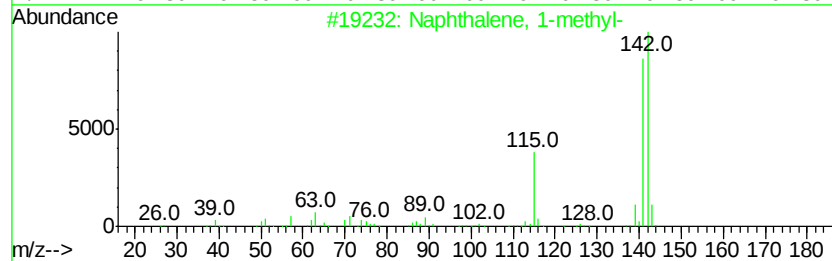
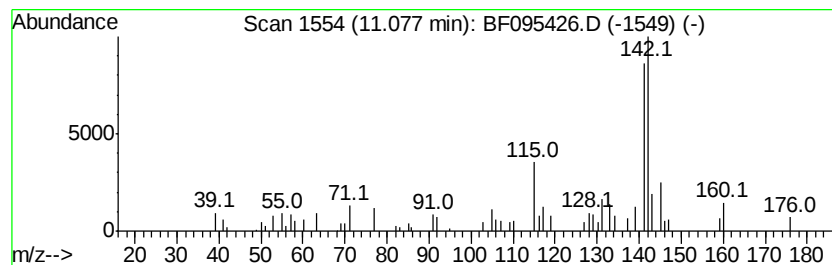
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.25 ng	95857	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	87
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
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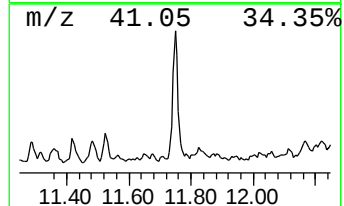
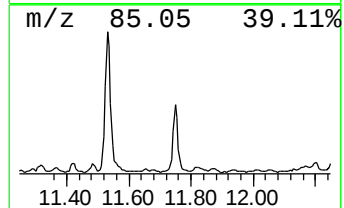
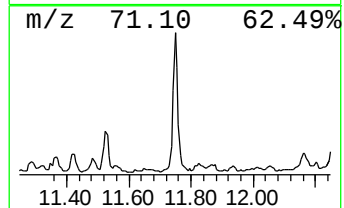
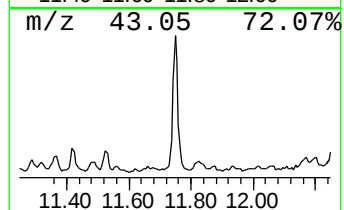
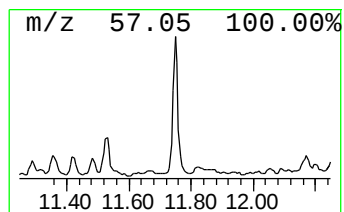
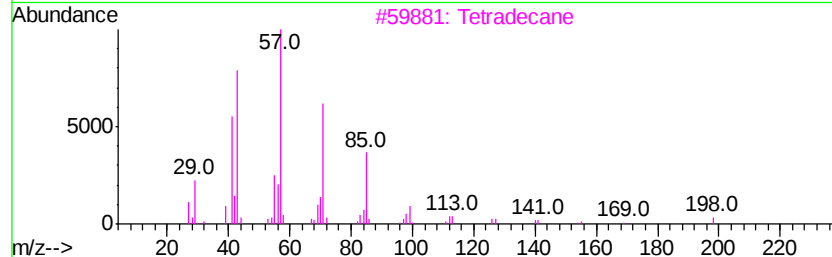
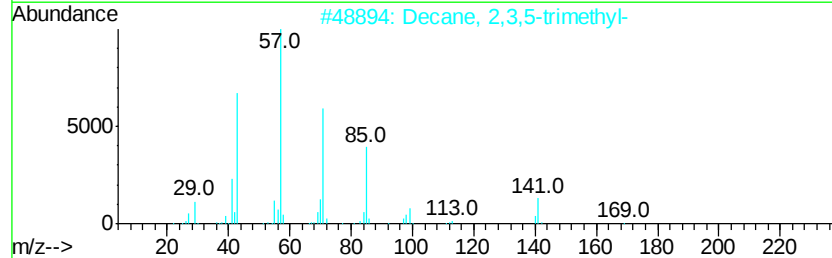
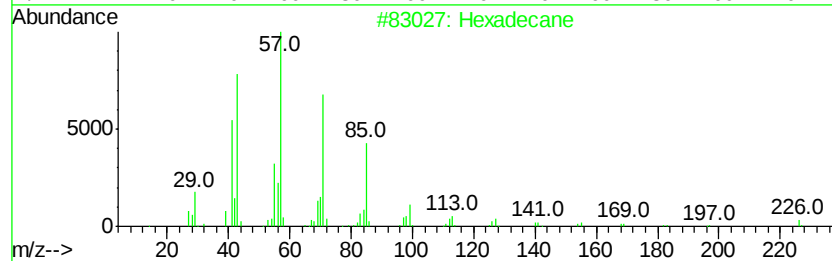
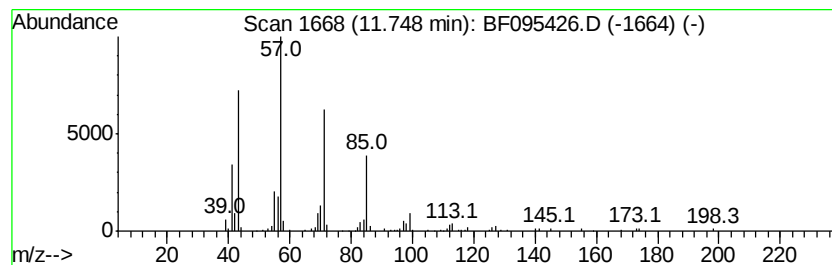
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.53 ng	343178	Acenaphthene-d10	12.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
3	Tetradecane		198	C14H30	000629-59-4	83
4	Tridecane		184	C13H28	000629-50-5	72
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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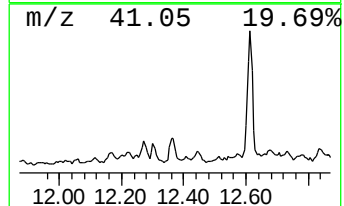
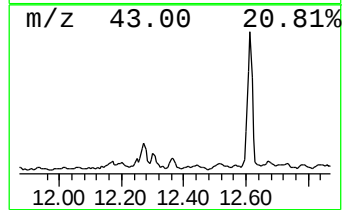
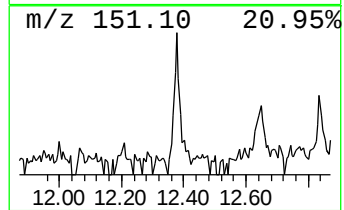
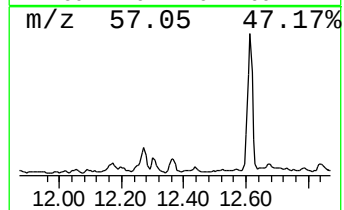
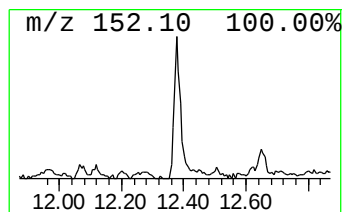
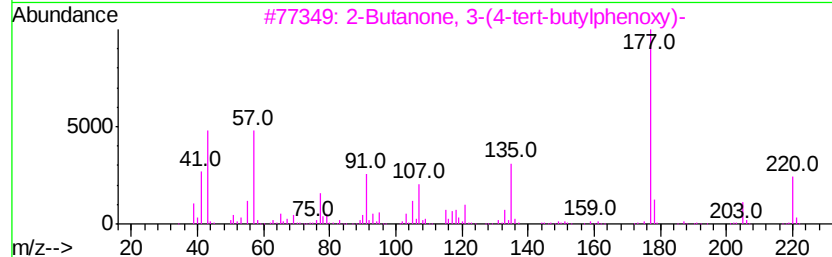
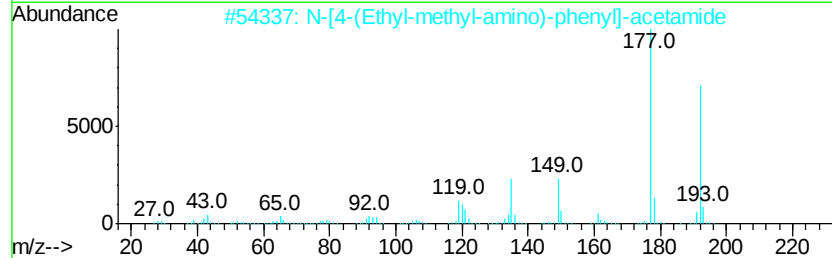
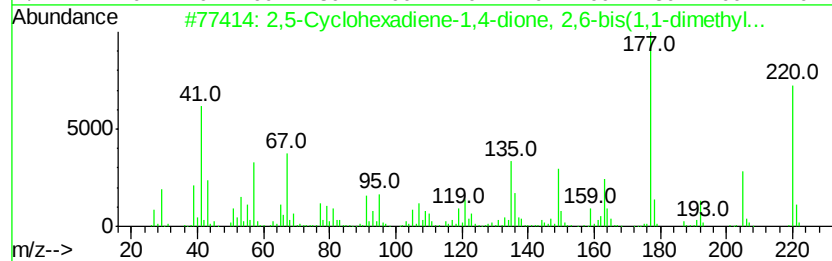
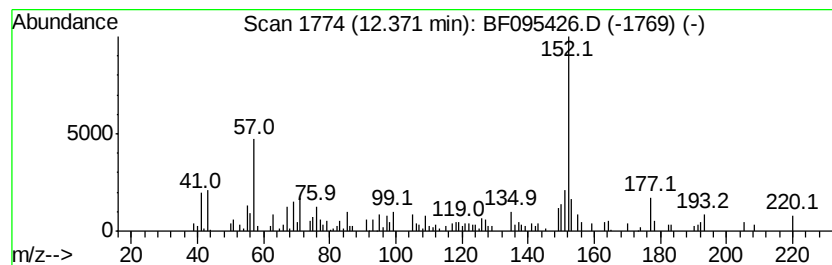
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.79 ng	172959	Acenaphthene-d10	12.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2			N-[4-(Ethyl-methyl-amino)-phenyl]...	192	C11H16N2O	099981-45-0	30
3			2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	30
4			1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	15
5			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095426.D
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Instrument :
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ClientSampleId :
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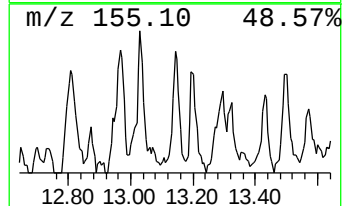
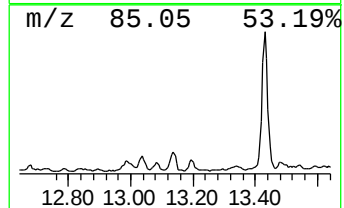
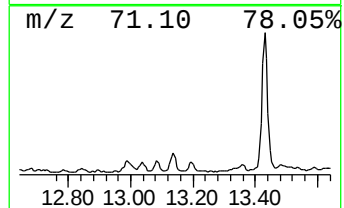
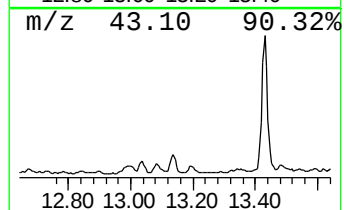
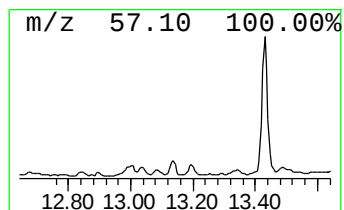
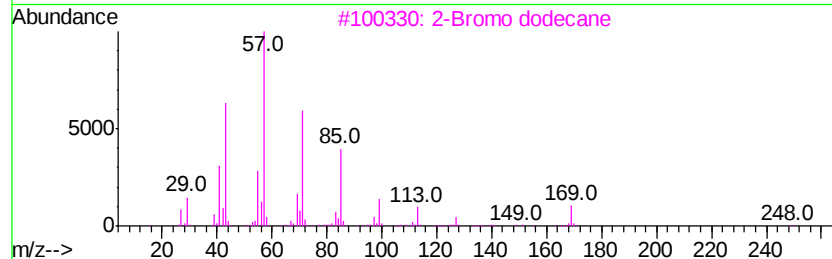
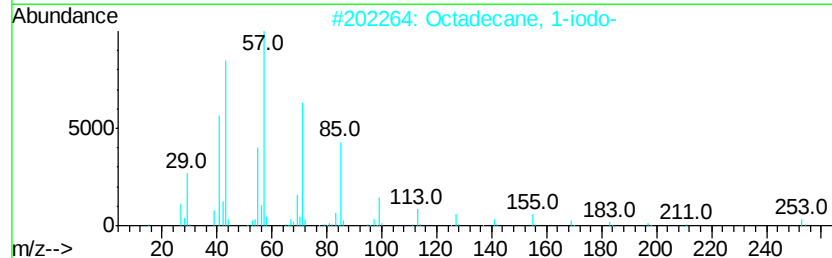
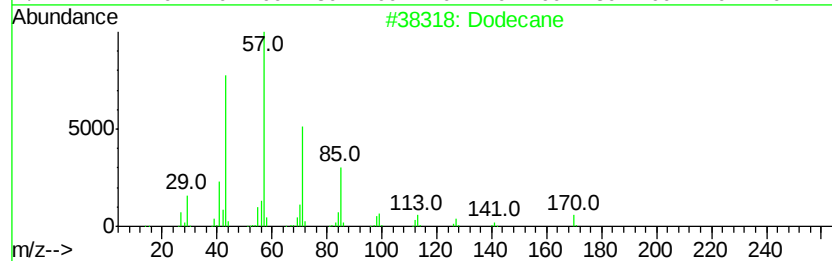
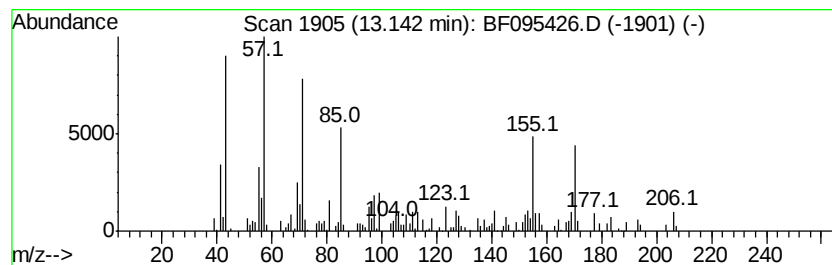
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.59 ng	160669	Acenaphthene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	83
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	64
5		Heptadecane	240	C17H36	000629-78-7	59



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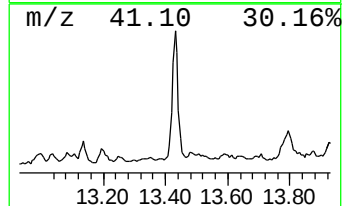
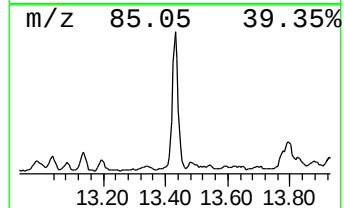
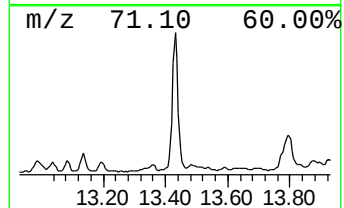
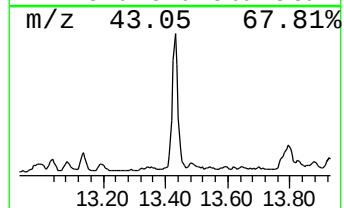
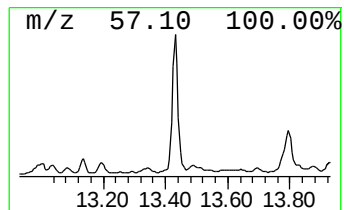
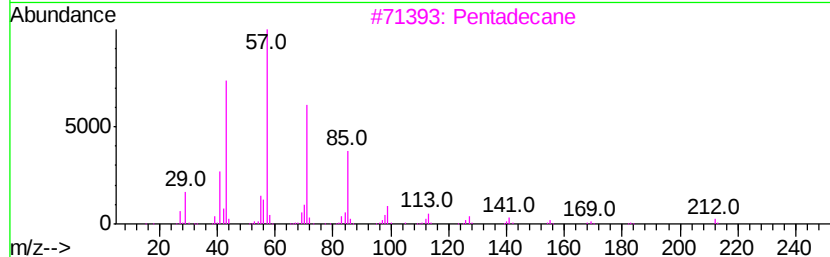
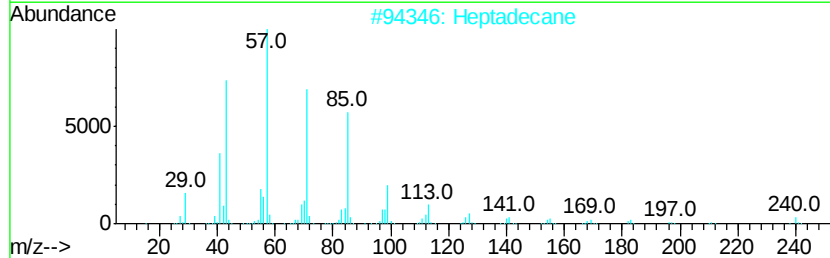
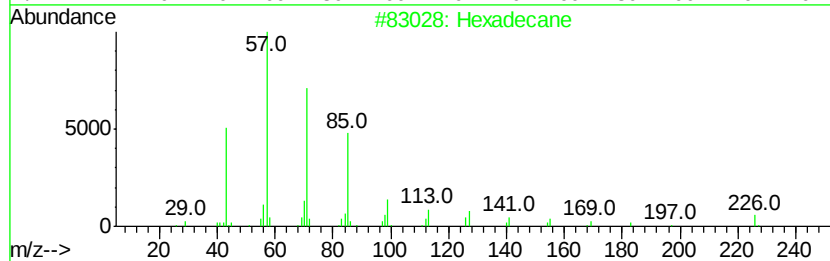
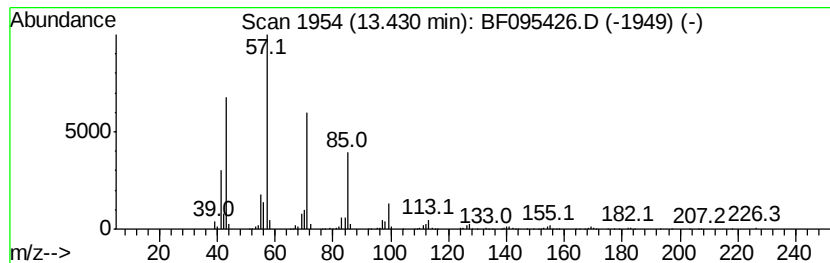
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	15.02 ng	931517	Acenaphthene-d10	12.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Heptadecane	240 C17H36	000629-78-7	90
3	Pentadecane	212 C15H32	000629-62-9	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-2019

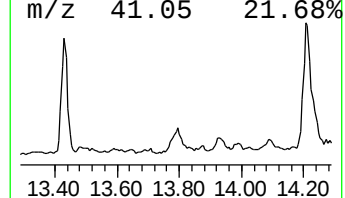
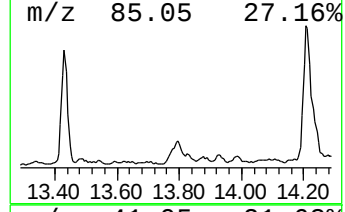
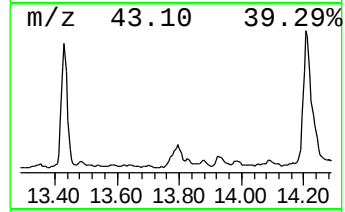
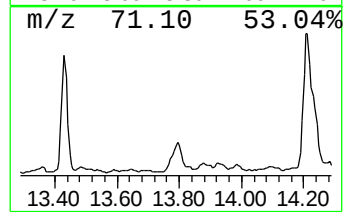
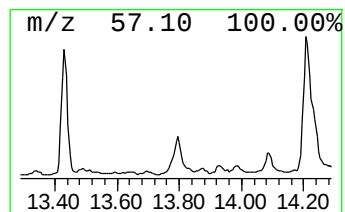
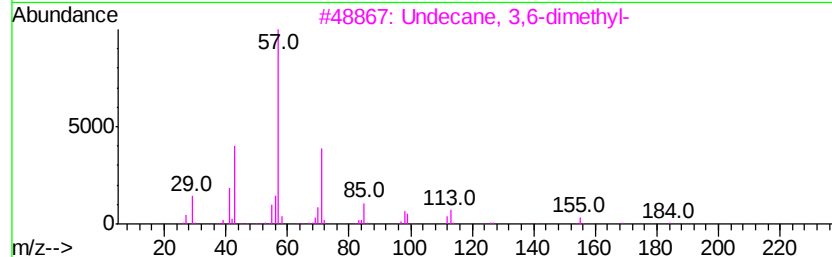
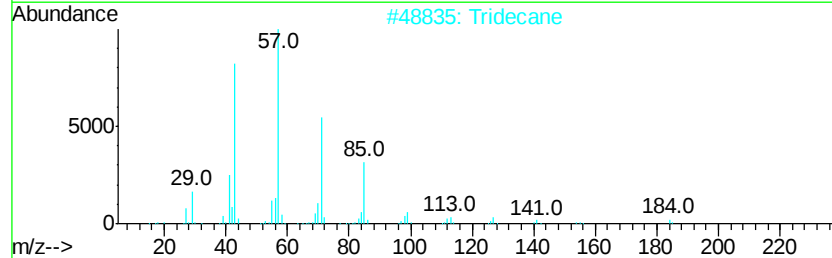
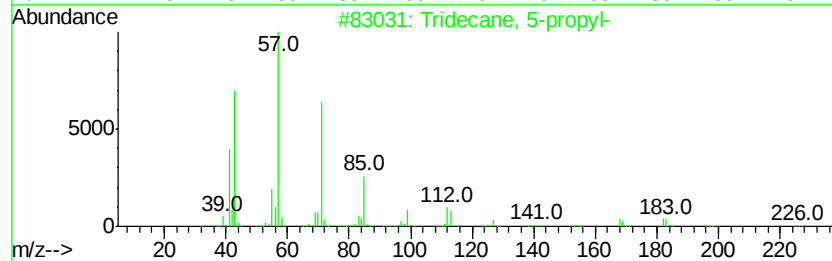
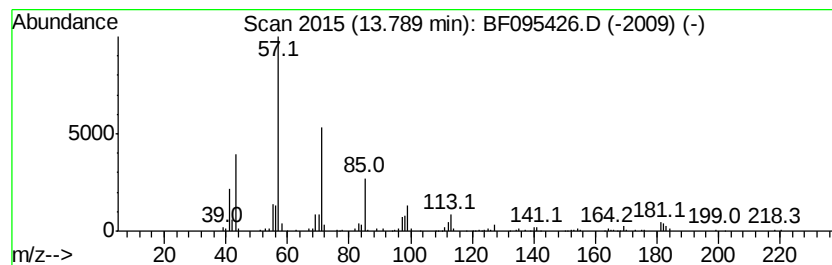
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.35 ng	331640	Acenaphthene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2		Tridecane	184	C13H28	000629-50-5	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Hexadecane	226	C16H34	000544-76-3	59
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095426.D
Acq On : 25 May 2017 16:39
Operator : SJ/MA
Sample : I3310-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-2019

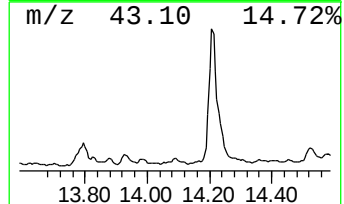
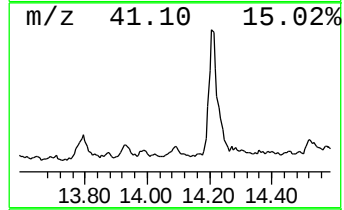
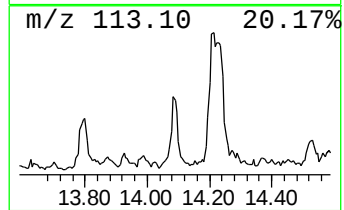
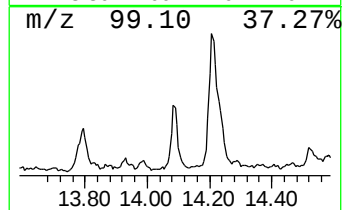
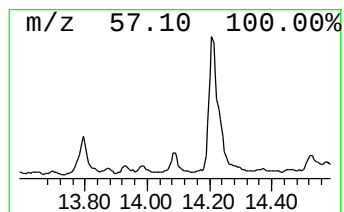
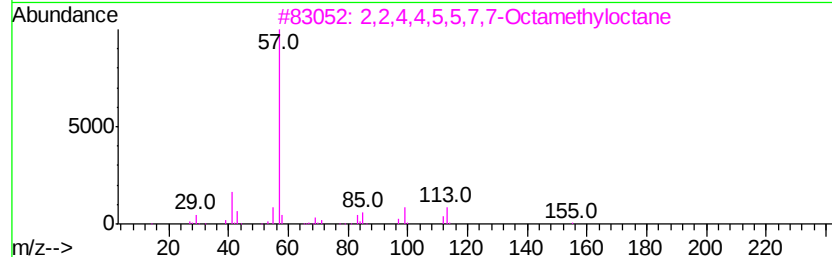
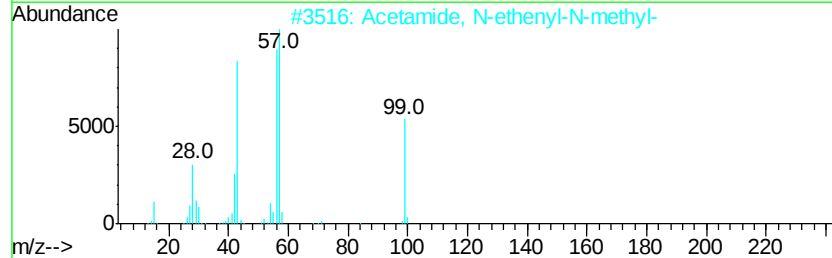
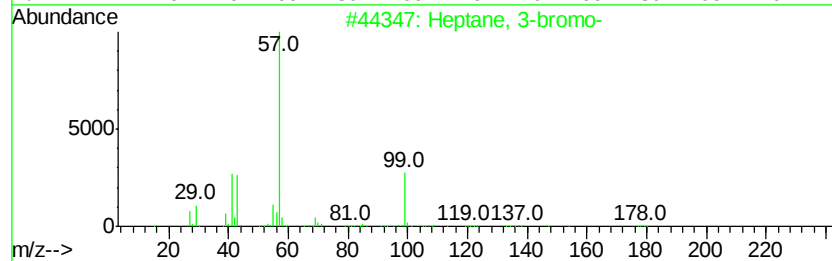
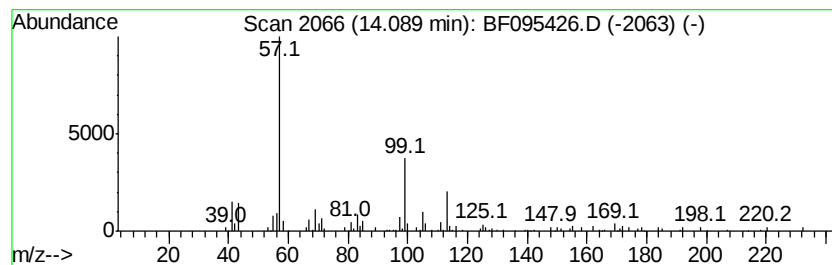
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.39 ng	76451	Phenanthrene-d10	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	38
2		Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	38
3		2,2,4,4,5,5,7,7-Octamethyl-octane	226	C16H34	005171-85-7	38
4		2,2,5,5-Tetramethyl-3-hexanone	156	C10H20O	000868-91-7	38
5		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095426.D
Acq On : 25 May 2017 16:39
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Sample : I3310-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-2019

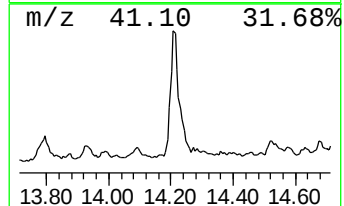
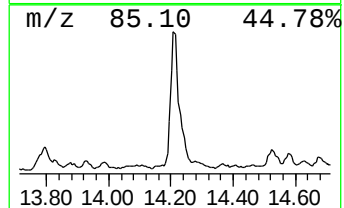
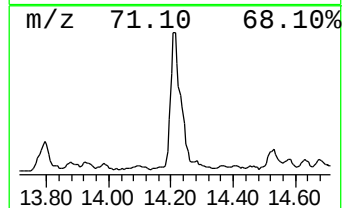
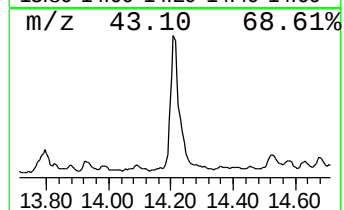
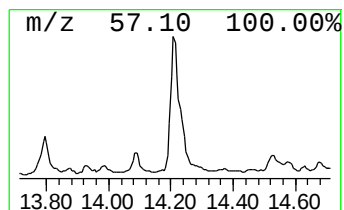
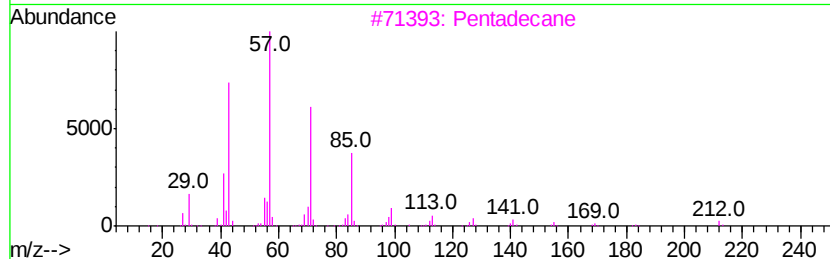
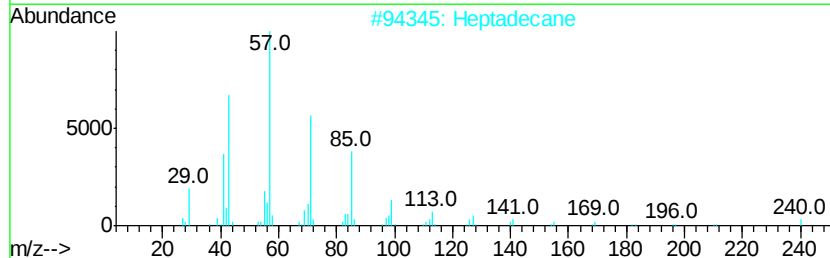
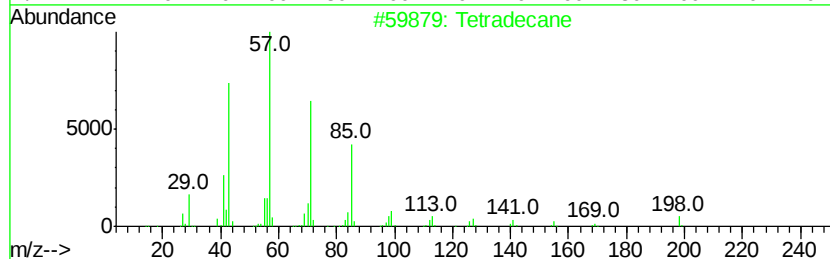
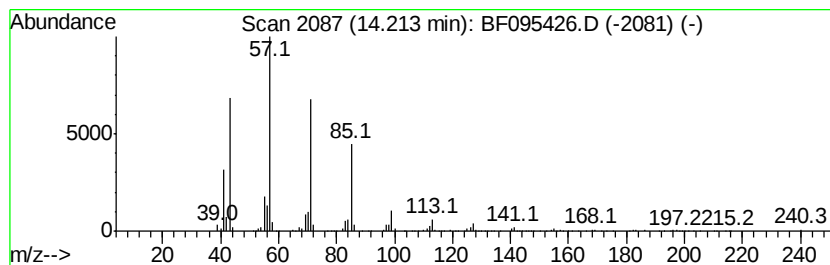
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	51.62 ng	1652590	Phenanthrene-d10	15.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Heptadecane	240	C17H36	000629-78-7	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095426.D
Acq On : 25 May 2017 16:39
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Sample : I3310-01
Misc :
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Instrument :
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ClientSampleId :
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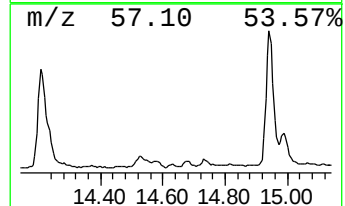
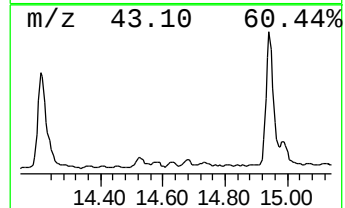
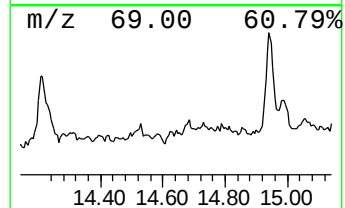
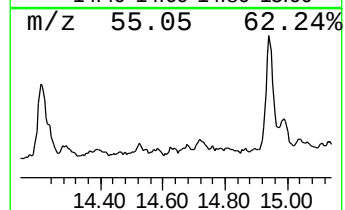
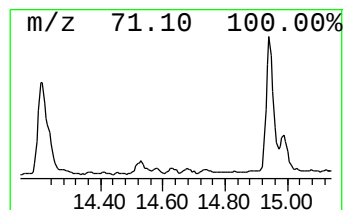
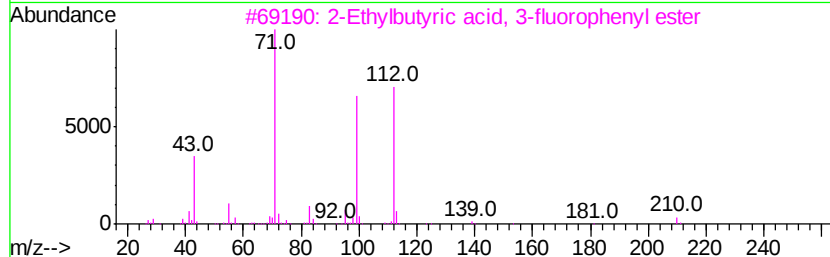
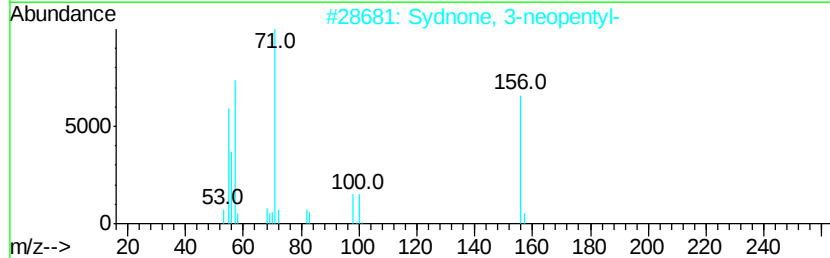
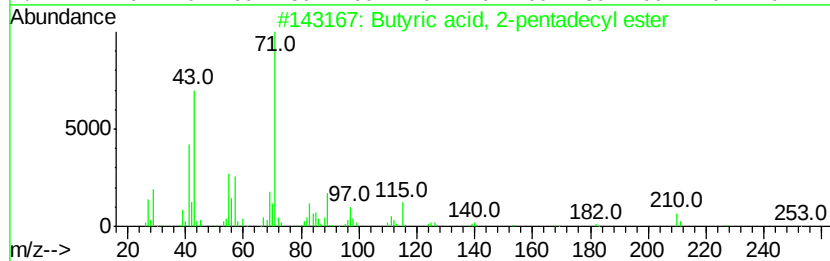
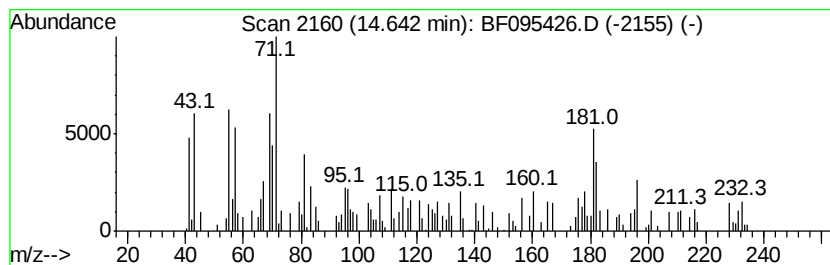
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.64 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.08 ng	98489	Phenanthrene-d10	15.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	14
2			Sydnone, 3-neopentyl-	156	C7H12N2O2	026537-48-4	14
3			2-Ethylbutyric acid, 3-fluorophe...	210	C12H15FO2	1000370-20-7	11
4			3-Methyl-1-(phenylthio)butan-2-one	194	C11H14OS	071221-49-3	11
5			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Sample : I3310-01
Misc :
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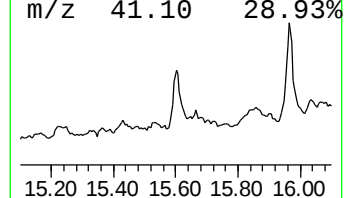
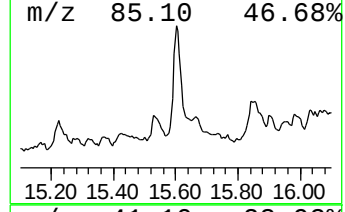
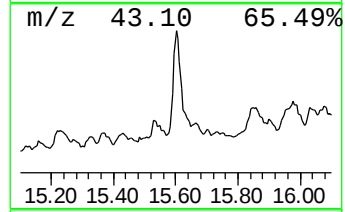
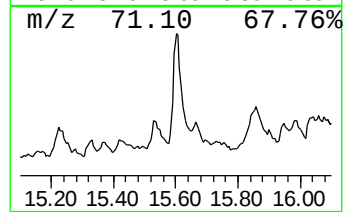
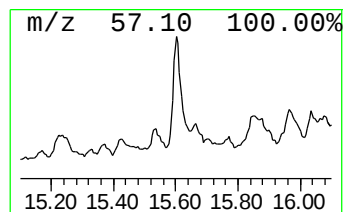
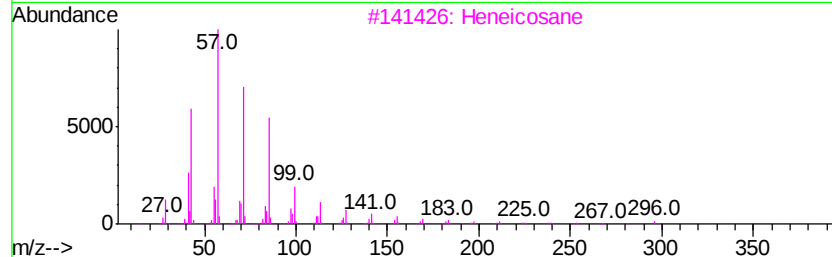
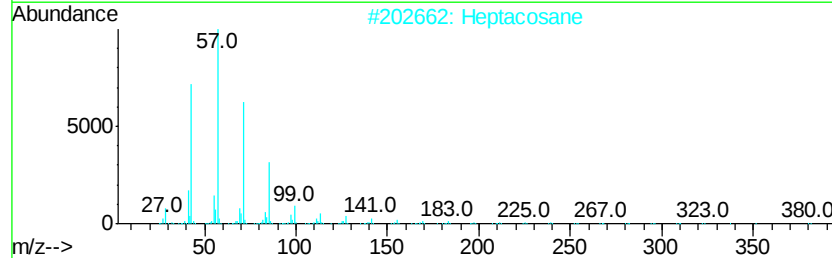
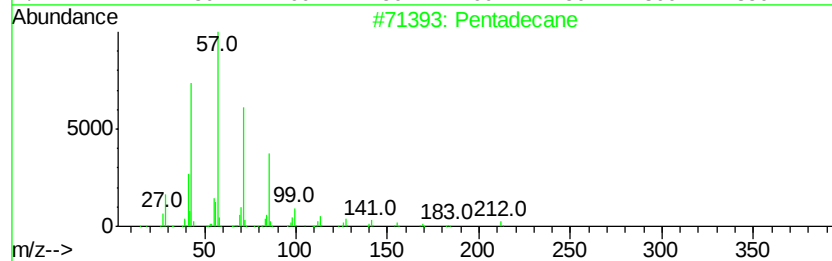
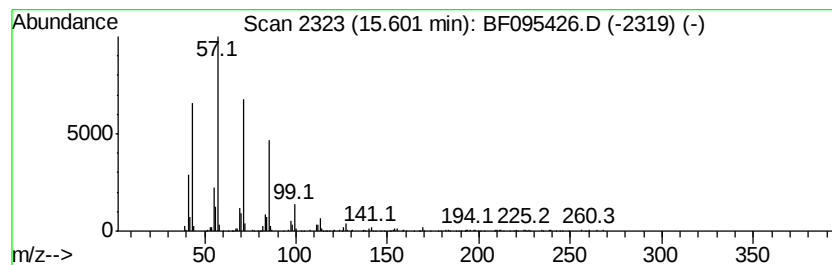
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.60	19.43 ng	621939	Phenanthrene-d10		15.01	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
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ClientSampleId :
RO-2019

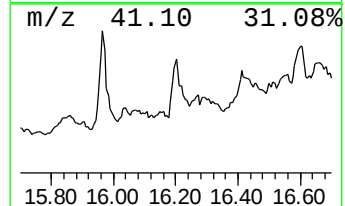
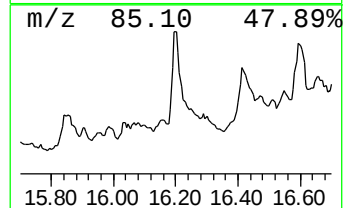
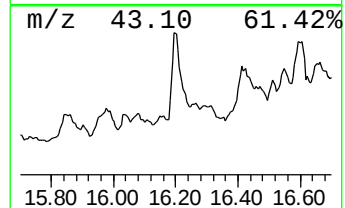
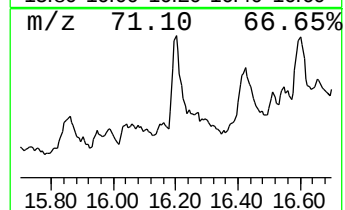
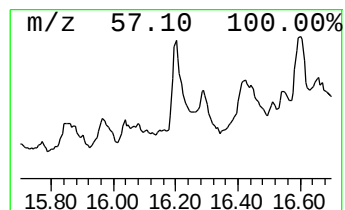
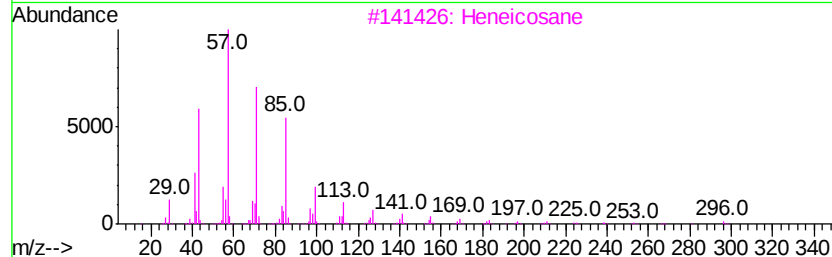
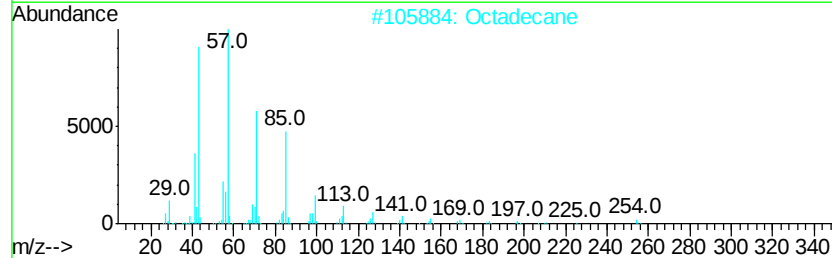
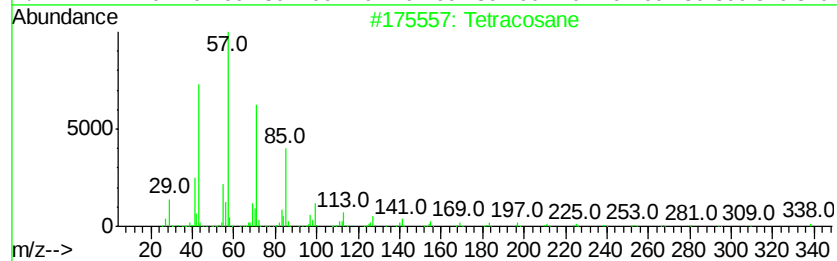
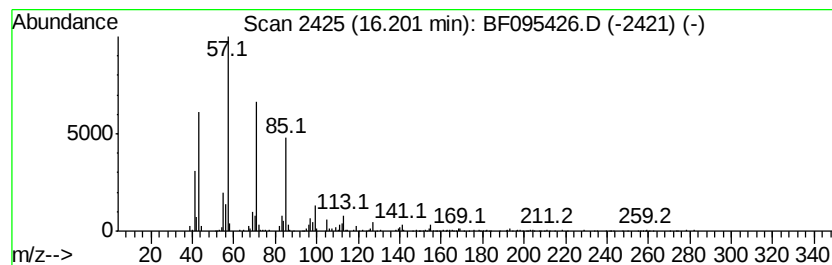
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	25.82 ng	826729	Phenanthrene-d10	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
 Data File : BF095426.D
 Acq On : 25 May 2017 16:39
 Operator : SJ/MA
 Sample : I3310-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	7.3	ng	186214	1	7.74	507936	20.0
unknown7.41	7.41	88.5	ng	2246280	1	7.74	507936	20.0
1-Hexanol, 2-ethyl-	7.93	5.5	ng	139239	1	7.74	507936	20.0
Dodecane	9.84	4.2	ng	177384	2	9.77	851457	20.0
Dodecane, 2,6,11-...	10.55	2.1	ng	88369	2	9.77	851457	20.0
Tridecane	10.82	4.9	ng	209298	2	9.77	851457	20.0
Naphthalene, 1-me...	11.08	2.3	ng	95857	2	9.77	851457	20.0
Hexadecane	11.75	5.5	ng	343178	3	12.60	1240410	20.0
2,5-Cyclohexadien...	12.37	2.8	ng	172959	3	12.60	1240410	20.0
Octadecane, 1-iodo-	13.14	2.6	ng	160669	3	12.60	1240410	20.0
Dodecane, 2-methy...	13.43	15.0	ng	931517	3	12.60	1240410	20.0
Tridecane, 5-propyl-	13.79	5.3	ng	331640	3	12.60	1240410	20.0
unknown14.09	14.09	2.4	ng	76451	4	15.01	640320	20.0
Tetradecane	14.21	51.6	ng	1652590	4	15.01	640320	20.0
unknown14.64	14.64	3.1	ng	98489	4	15.01	640320	20.0
Pentadecane	15.60	19.4	ng	621939	4	15.01	640320	20.0
Tetracosane	16.20	25.8	ng	826729	4	15.01	640320	20.0