

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112512.D
 Acq On : 12 Feb 2019 15:45
 Operator : JU/SJ
 Sample : K1459-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-10-S

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	5.045	499	503	513	rBV	50979	70815	3.87%	0.342%
2	5.469	572	575	597	rBV	1233370	1349742	73.80%	6.522%
3	6.481	744	747	765	rBV	1365345	1450704	79.32%	7.010%
4	6.610	765	769	783	rVB	1787900	1573584	86.03%	7.603%
5	6.834	803	807	817	rBV	730251	646508	35.35%	3.124%
6	6.987	830	833	843	rBV	1377874	1237994	67.69%	5.982%
7	7.392	899	902	914	rBV	863238	911413	49.83%	4.404%
8	8.116	1021	1025	1037	rVB	861389	808764	44.22%	3.908%
9	9.186	1203	1207	1218	rBV	2083549	1829033	100.00%	8.838%
10	9.586	1271	1275	1283	rVB	91607	102541	5.61%	0.495%
11	9.869	1319	1323	1336	rBV2	988169	902227	49.33%	4.359%
12	10.663	1455	1458	1472	rBV	972592	968162	52.93%	4.678%
13	10.763	1472	1475	1481	rVB3	23061	31042	1.70%	0.150%
14	11.357	1573	1576	1579	rBV	865828	805991	44.07%	3.894%
15	11.380	1579	1580	1587	rVB	90324	82112	4.49%	0.397%
16	11.880	1659	1665	1672	rBV3	153456	216795	11.85%	1.048%
17	11.974	1679	1681	1684	rBV	26684	29664	1.62%	0.143%
18	12.416	1750	1756	1758	rBV4	19905	34277	1.87%	0.166%
19	12.574	1780	1783	1789	rBV	296588	274559	15.01%	1.327%
20	12.663	1795	1798	1805	rBV2	79053	103351	5.65%	0.499%
21	12.804	1816	1822	1829	rBV	274181	321736	17.59%	1.555%
22	12.857	1829	1831	1835	rVB4	17264	22611	1.24%	0.109%
23	12.939	1841	1845	1848	rBV	1738555	1442554	78.87%	6.970%
24	13.027	1855	1860	1865	rBV4	20942	33948	1.86%	0.164%
25	13.116	1872	1875	1876	rBV3	21064	22356	1.22%	0.108%
26	13.133	1876	1878	1881	rVB2	30231	29928	1.64%	0.145%
27	13.239	1894	1896	1900	rBV2	19522	24008	1.31%	0.116%
28	13.504	1938	1941	1943	rBV2	28241	31127	1.70%	0.150%
29	13.627	1958	1962	1963	rBV4	27599	36061	1.97%	0.174%
30	13.827	1993	1996	2000	rVB	174230	175106	9.57%	0.846%
31	14.004	2022	2026	2029	rBV2	766796	844943	46.20%	4.083%
32	14.033	2029	2031	2035	rVB	135552	119774	6.55%	0.579%
33	14.145	2047	2050	2053	rBV	153490	141443	7.73%	0.683%
34	14.451	2099	2102	2107	rVB	271946	247178	13.51%	1.194%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.757	2150	2154	2157	rBV	368288	366840	20.06%	1.773%
36	14.827	2164	2166	2170	rVB	105553	99633	5.45%	0.481%
37	15.057	2201	2205	2207	rBV	158934	246962	13.50%	1.193%
38	15.086	2207	2210	2215	rVB2	440447	522084	28.54%	2.523%
39	15.357	2254	2256	2262	rVB	88439	91069	4.98%	0.440%
40	15.421	2264	2267	2270	rVV	119981	128875	7.05%	0.623%
41	15.480	2270	2277	2282	rVV2	582622	1128126	61.68%	5.451%
42	15.892	2343	2347	2353	rVB	328267	480910	26.29%	2.324%
43	16.392	2427	2432	2443	rVB2	218374	435522	23.81%	2.104%
44	16.974	2527	2531	2539	rVB2	141208	273632	14.96%	1.322%

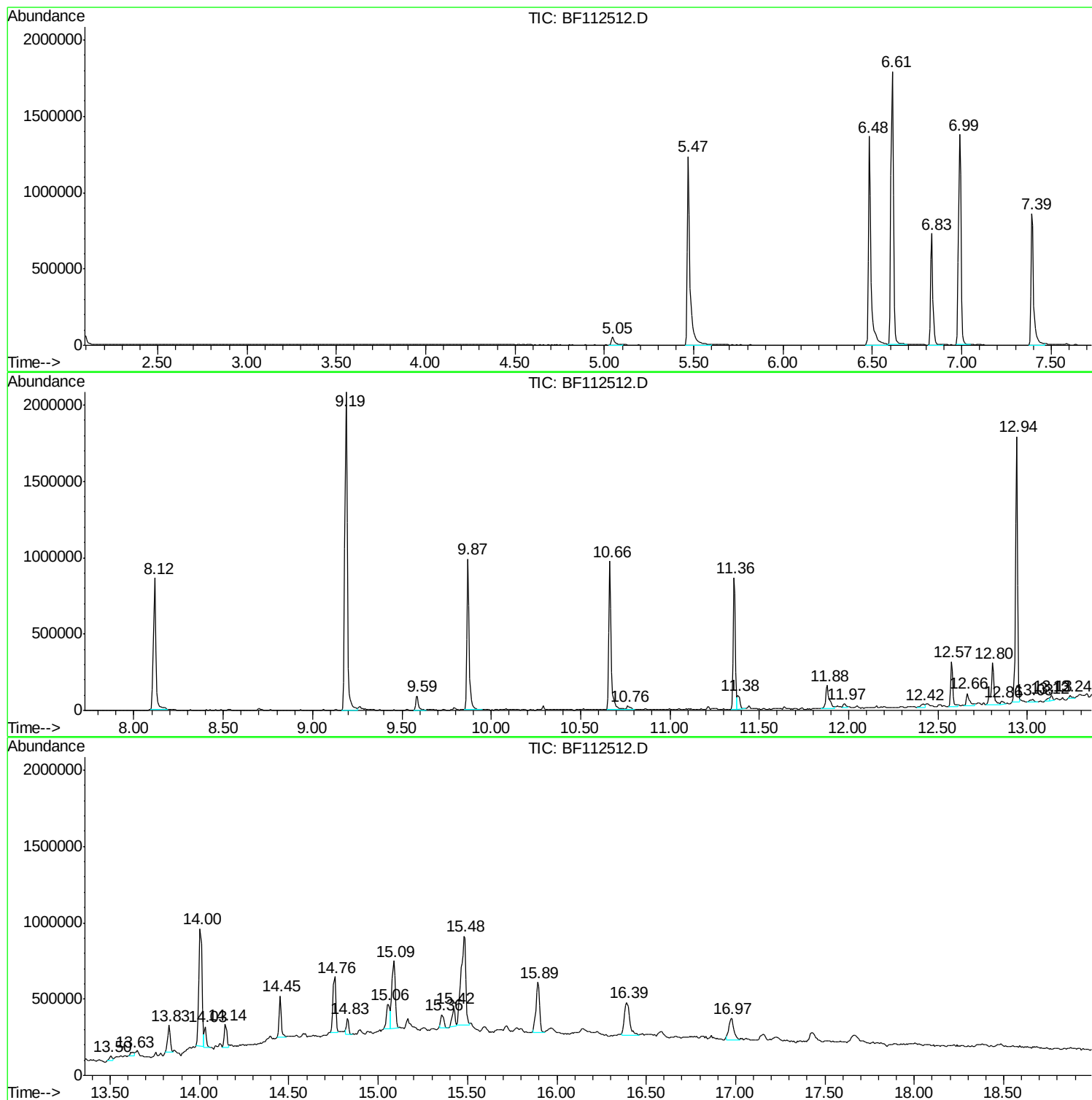
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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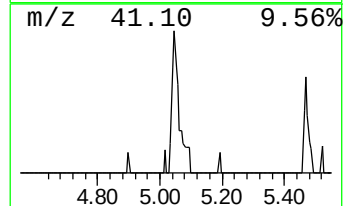
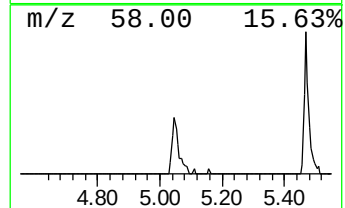
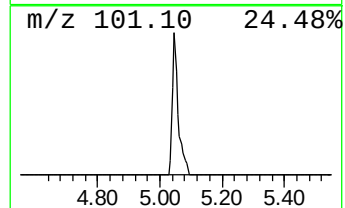
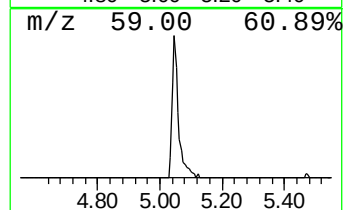
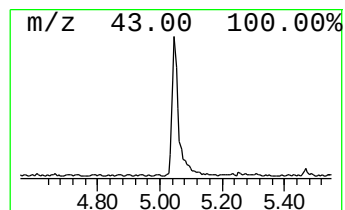
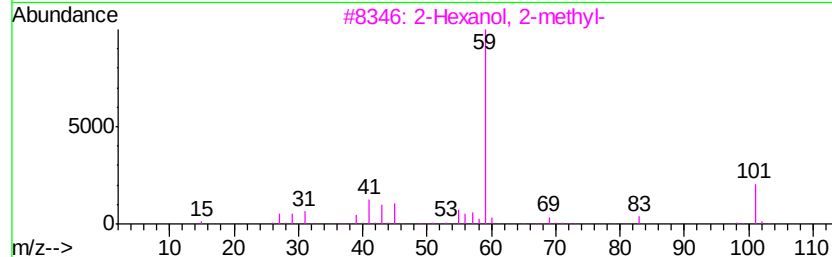
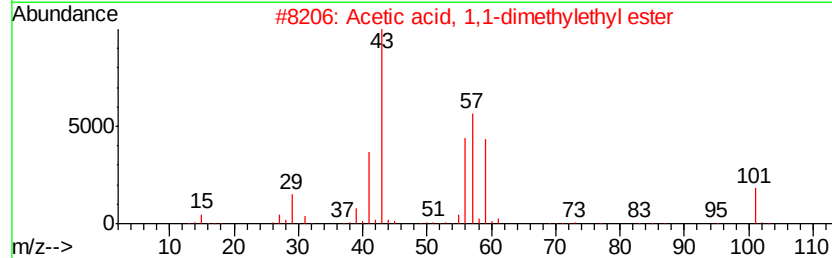
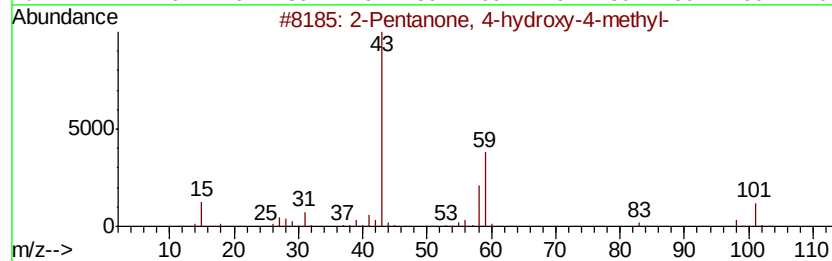
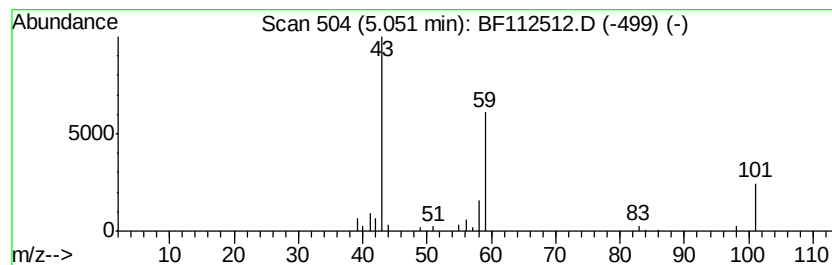
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.19 ng	70815	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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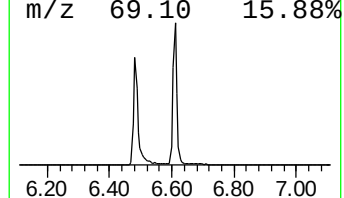
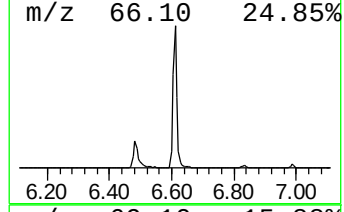
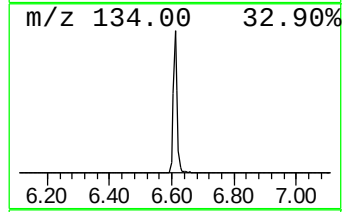
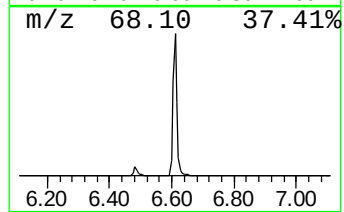
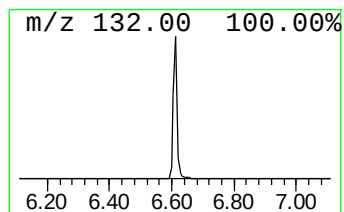
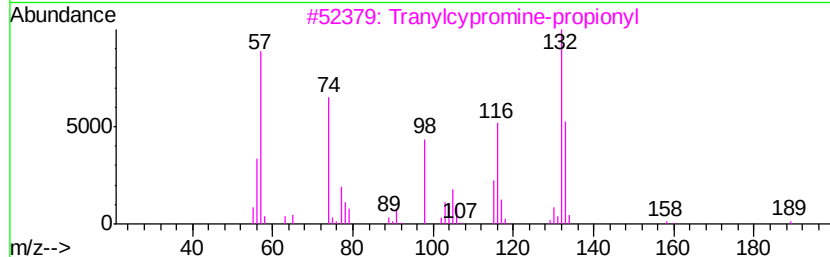
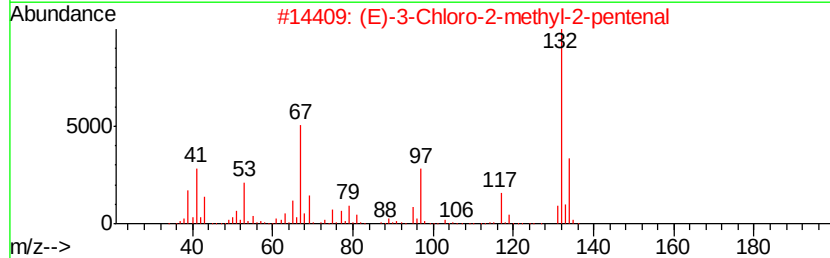
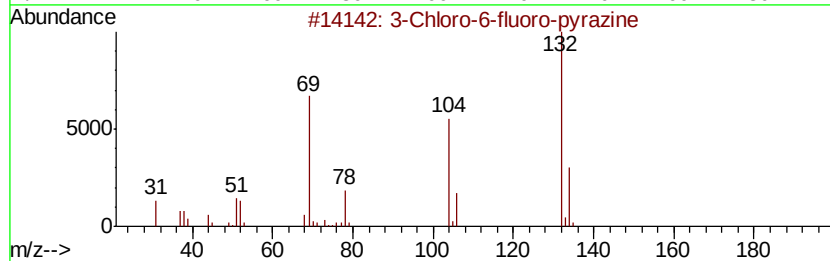
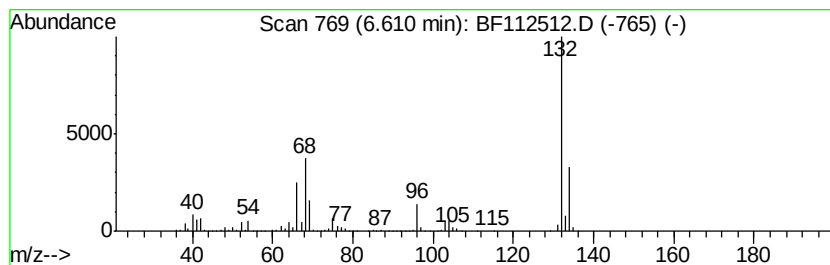
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	48.68 ng	1573580	1,4-Dichlorobenzene-d4	6.83

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	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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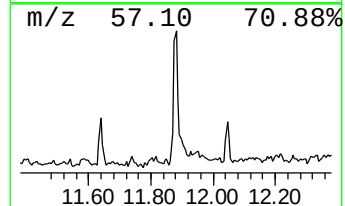
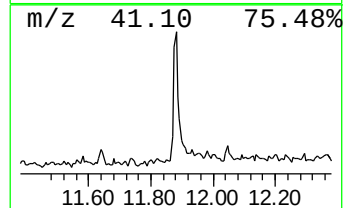
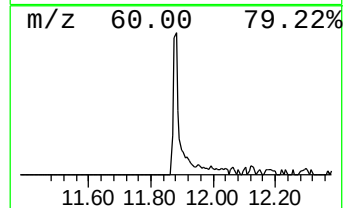
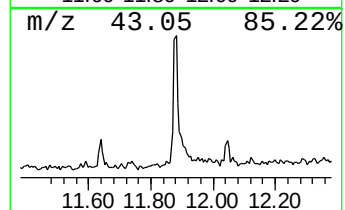
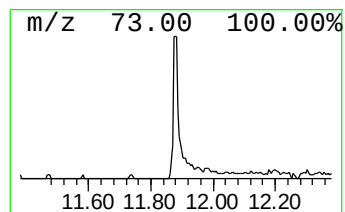
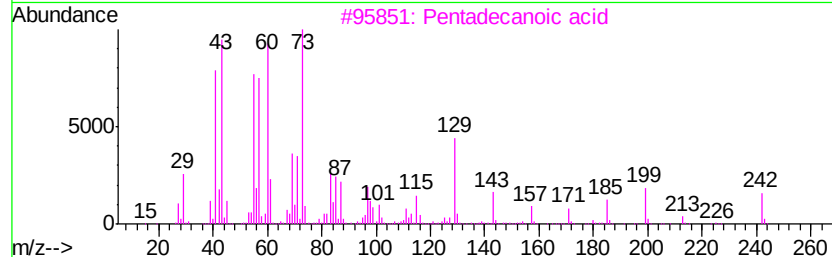
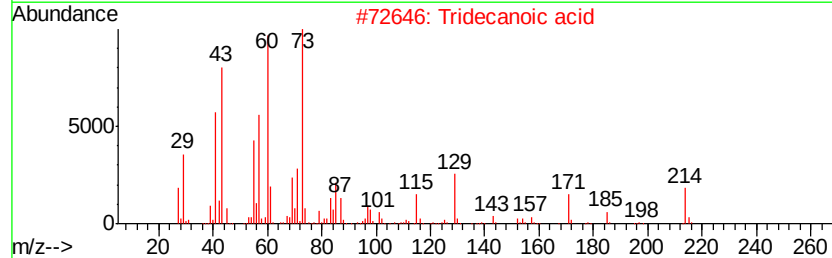
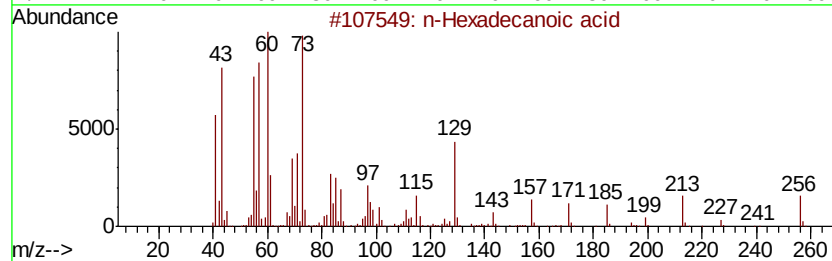
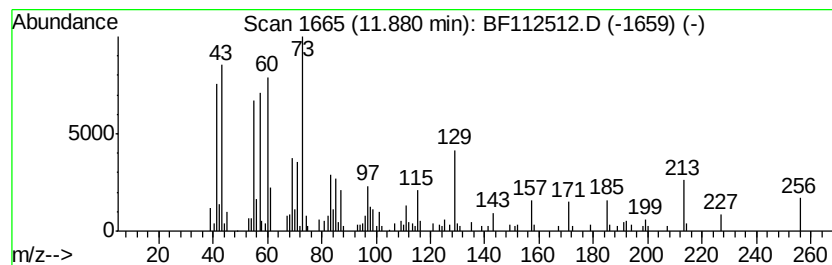
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.38 ng	216795	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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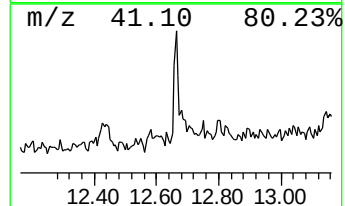
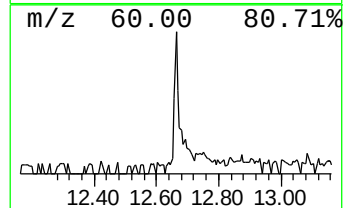
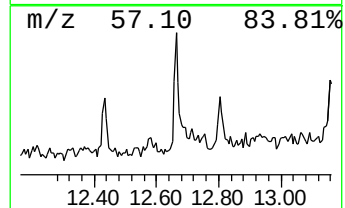
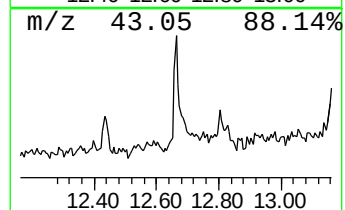
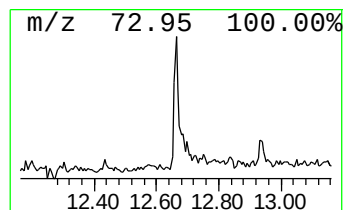
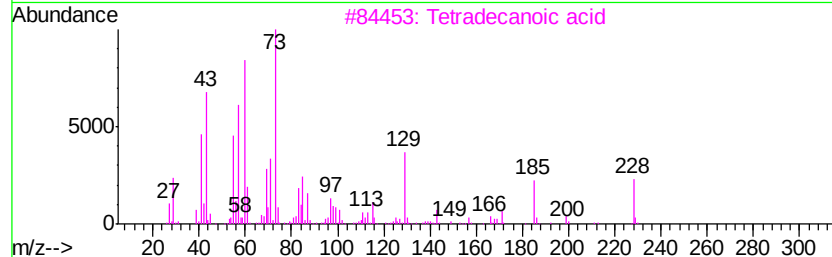
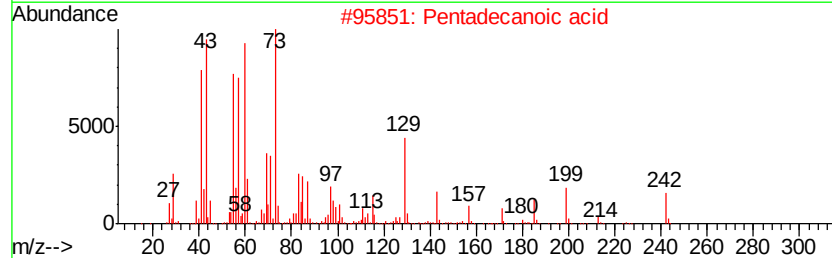
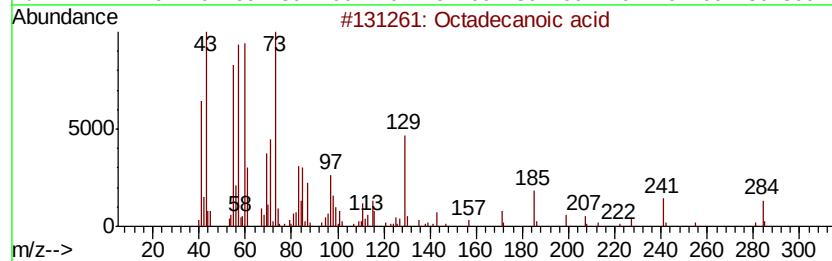
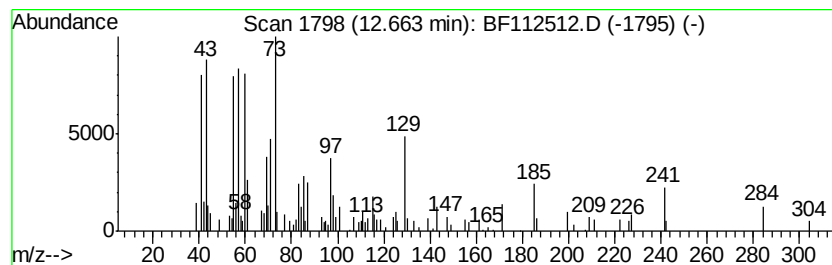
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.56 ng	103351	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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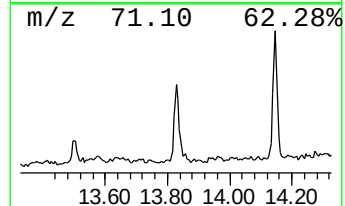
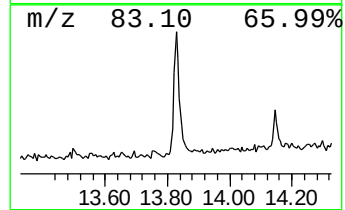
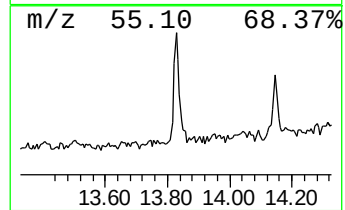
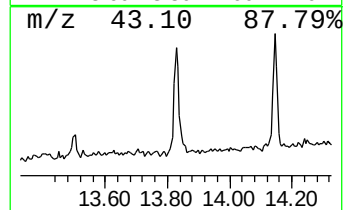
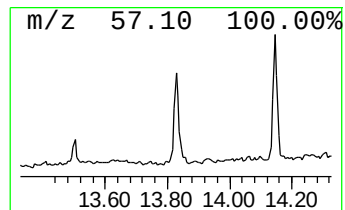
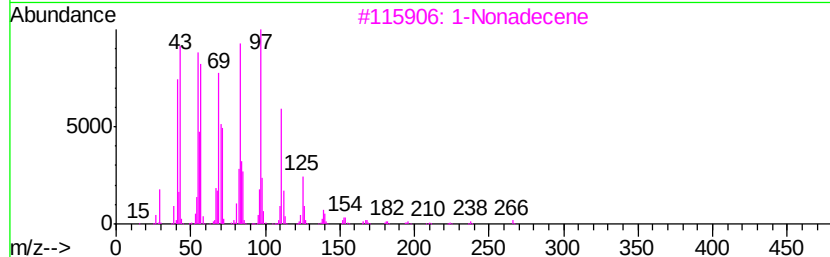
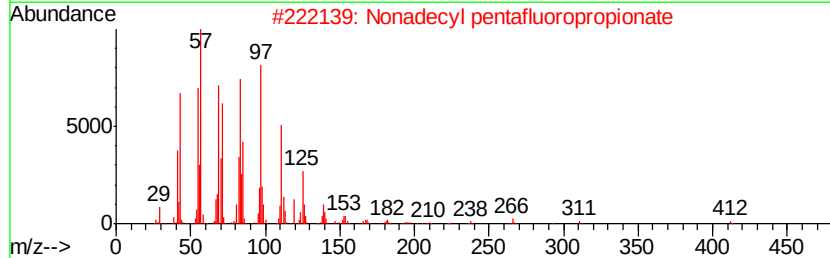
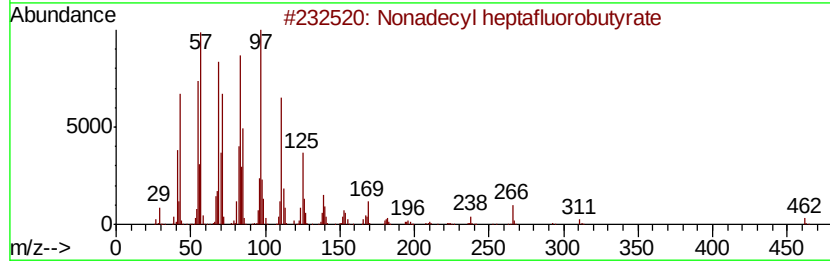
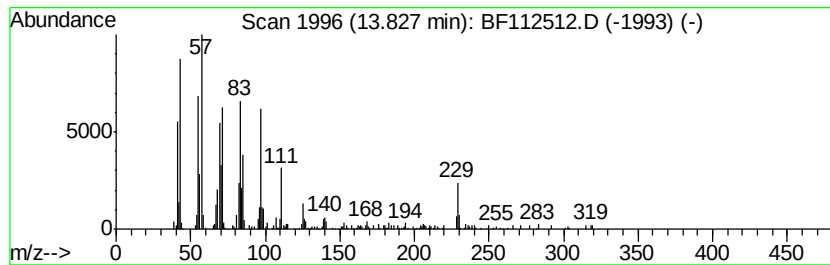
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.14 ng	175106	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
3		1-Nonadecene	266	C19H38	018435-45-5	83
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
5		Cyclopentadecane	210	C15H30	000295-48-7	64



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Data File : BF112512.D
Acq On : 12 Feb 2019 15:45
Operator : JU/SJ
Sample : K1459-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-10-S

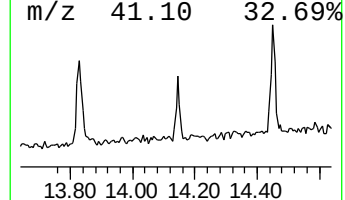
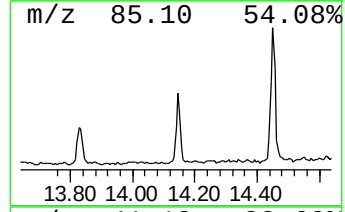
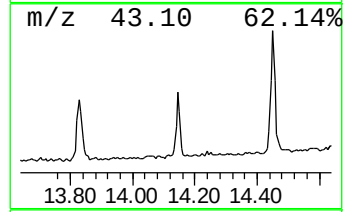
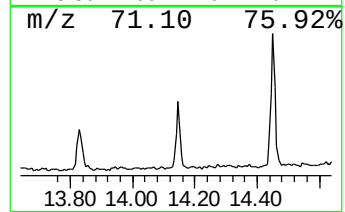
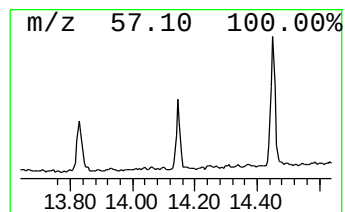
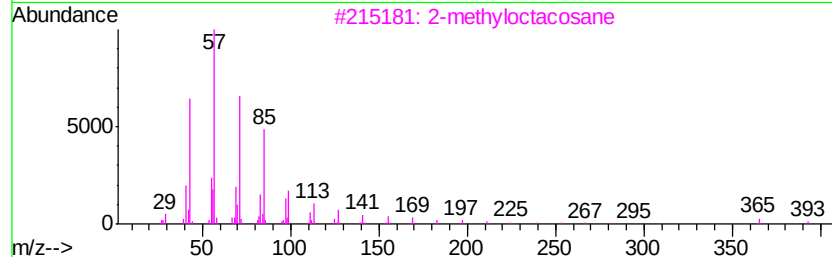
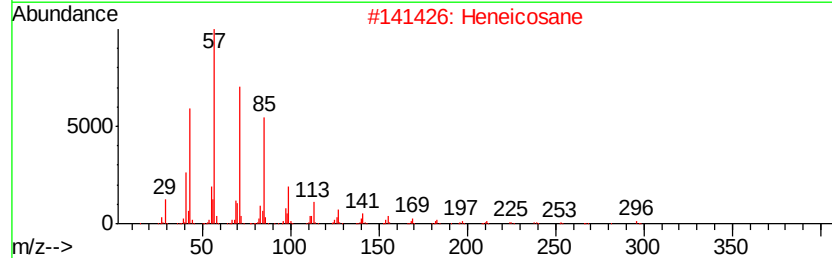
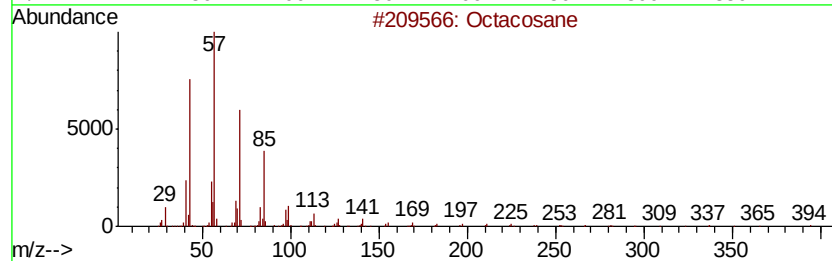
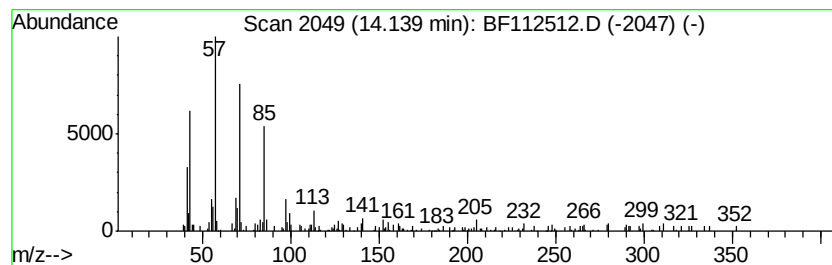
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.35 ng	141443	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	87
4	Heptadecane		240	C17H36	000629-78-7	86
5	Docosane		310	C22H46	000629-97-0	86



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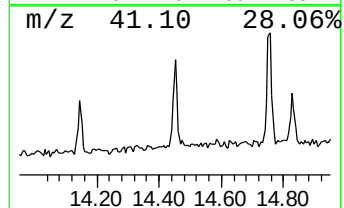
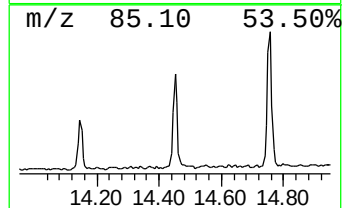
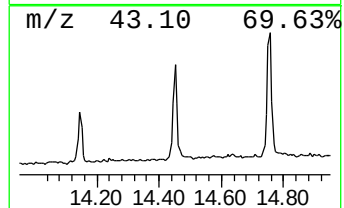
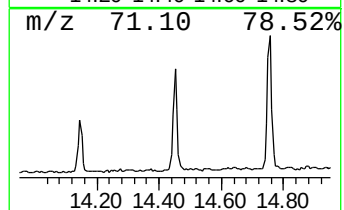
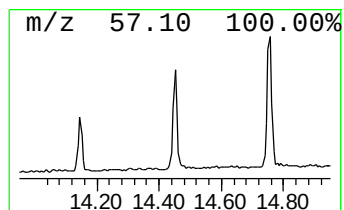
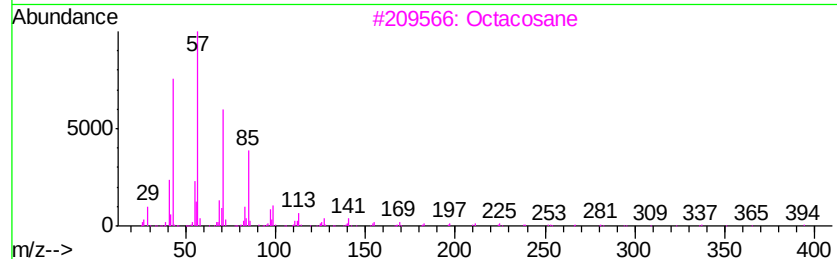
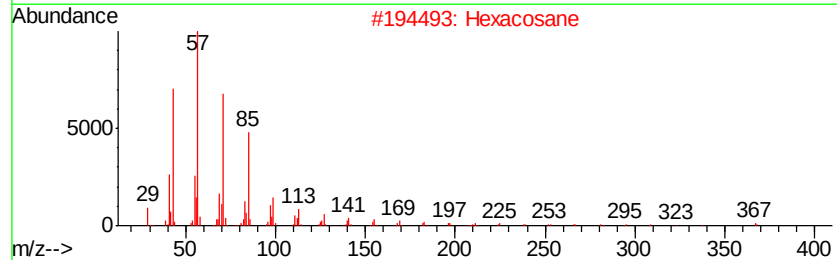
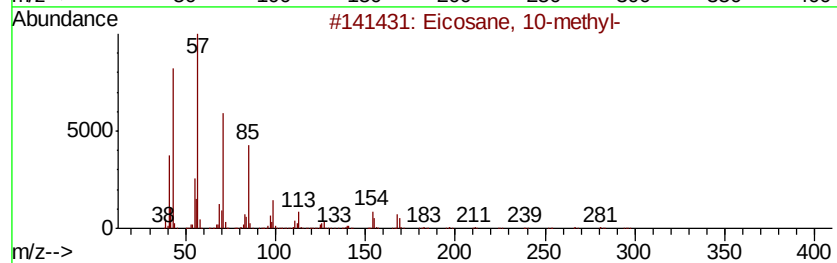
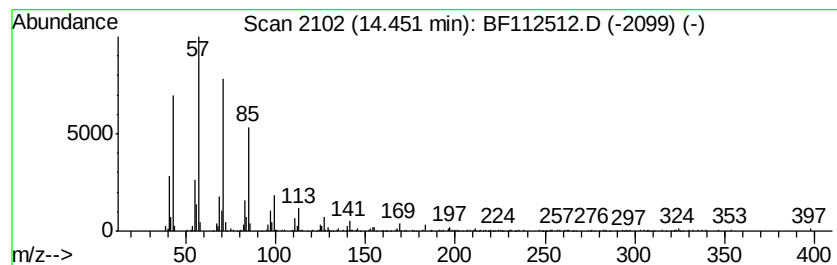
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	5.85 ng	247178	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93	
2	Hexacosane	366	C26H54	000630-01-3	91	
3	Octacosane	394	C28H58	000630-02-4	91	
4	Heneicosane	296	C21H44	000629-94-7	91	
5	Heptacosane	380	C27H56	000593-49-7	91	



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Acq On : 12 Feb 2019 15:45
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Sample : K1459-03
Misc :
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ClientSampleId :
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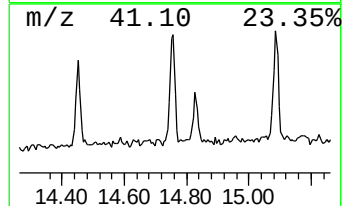
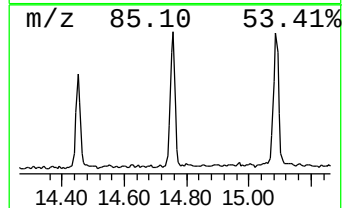
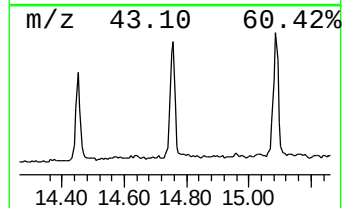
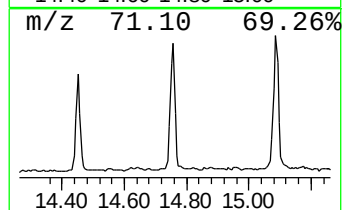
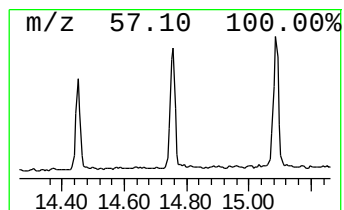
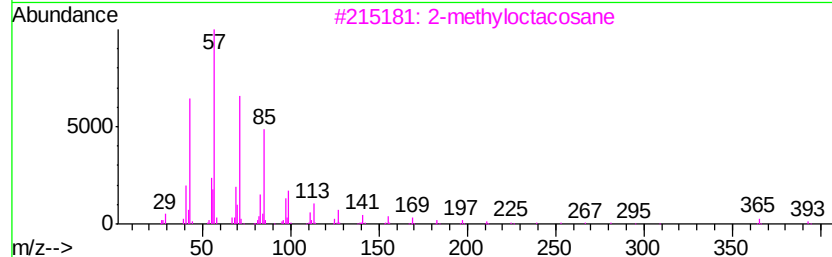
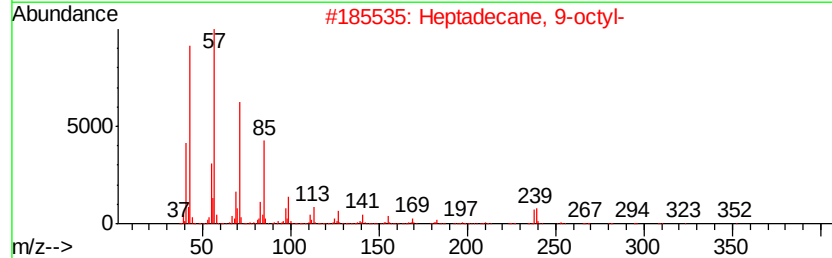
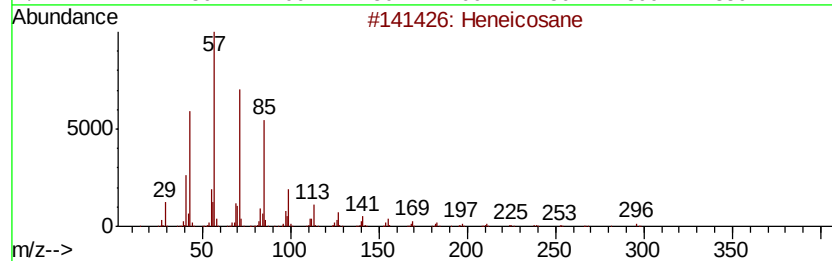
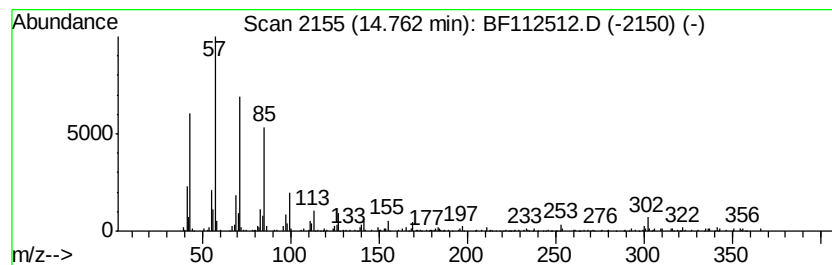
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.50 ng	366840	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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Misc :
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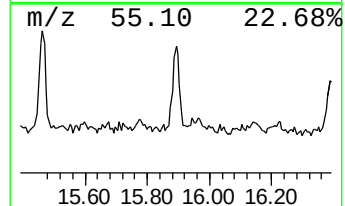
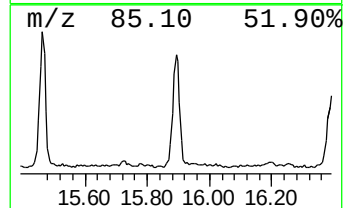
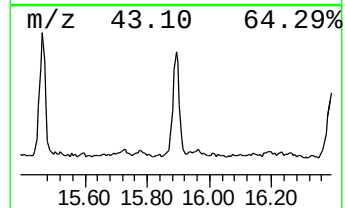
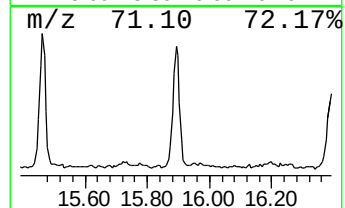
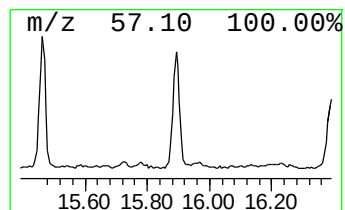
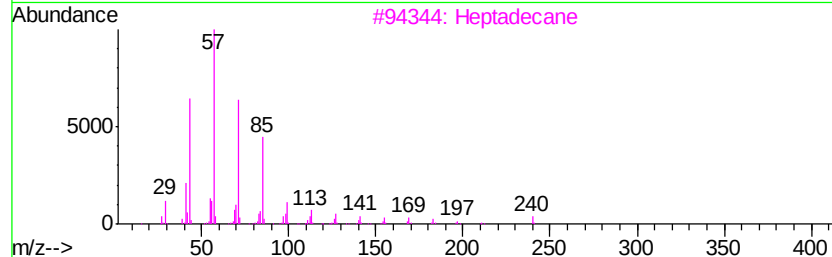
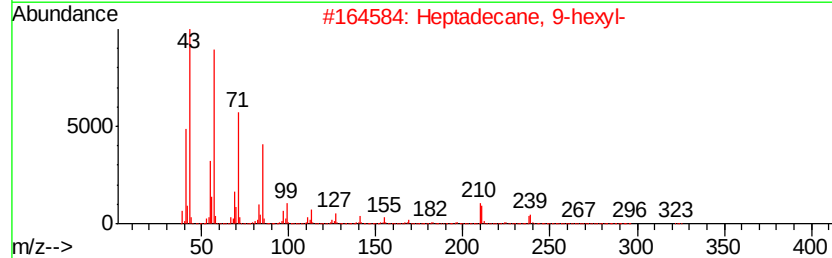
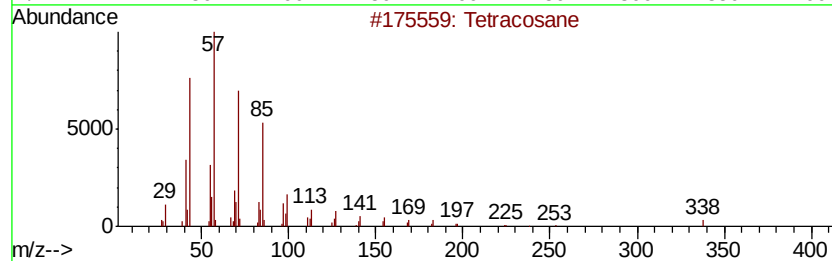
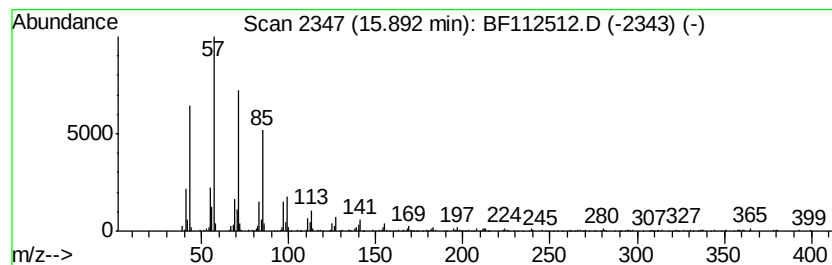
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	8.53 ng	480910	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	95
3			Heptadecane	240	C17H36	000629-78-7	94
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	90



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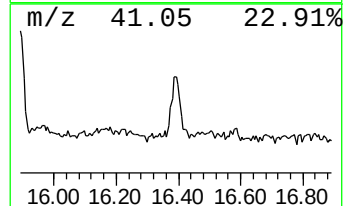
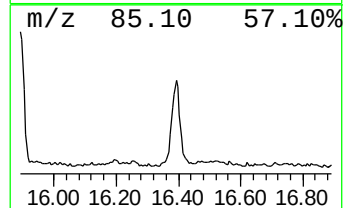
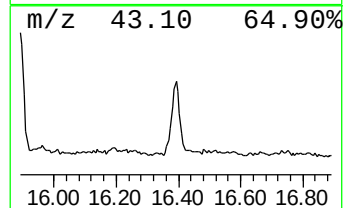
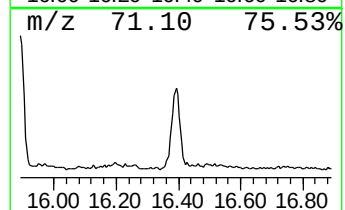
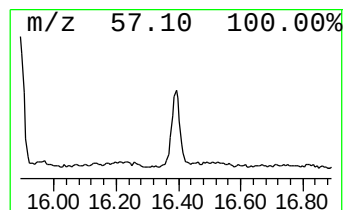
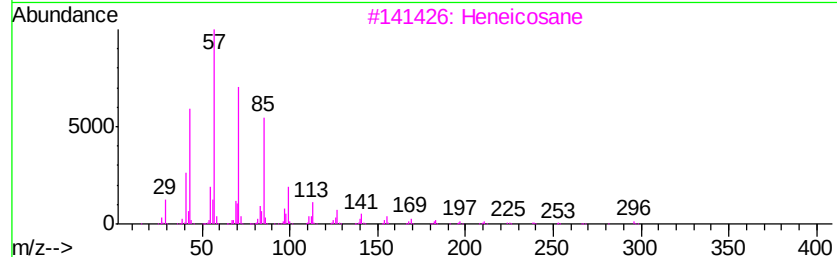
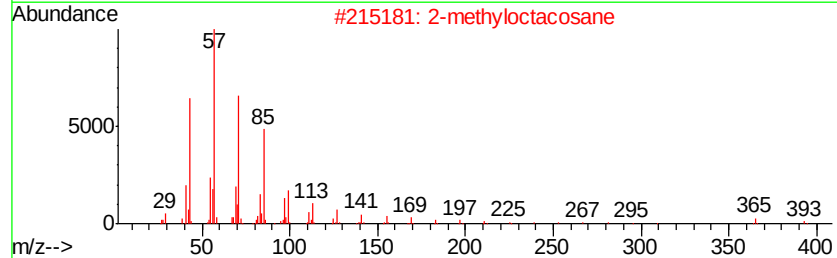
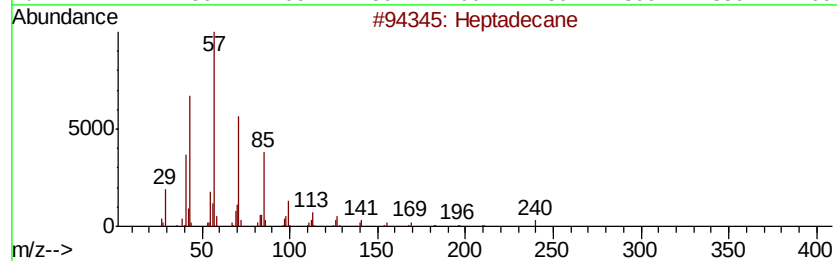
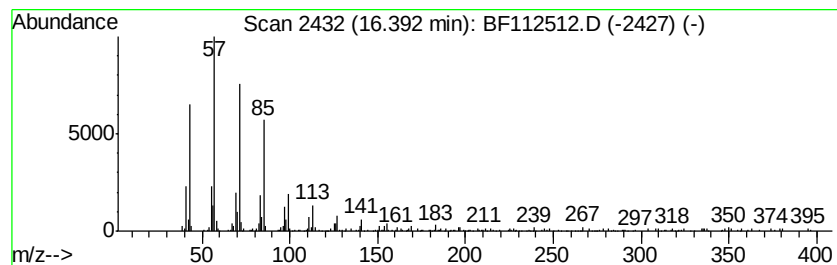
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	7.72 ng	435522	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
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Instrument :
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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unknown6.61	6.61	48.7	ng	1573580	1	6.83	646508	20.0
n-Hexadecanoic acid	11.88	5.4	ng	216795	4	11.36	805991	20.0
Octadecanoic acid	12.66	2.6	ng	103351	4	11.36	805991	20.0
Nonadecyl heptafl...	13.83	4.1	ng	175106	5	14.00	844943	20.0
Octacosane	14.14	3.4	ng	141443	5	14.00	844943	20.0
Eicosane, 10-methyl-	14.45	5.8	ng	247178	5	14.00	844943	20.0
Heneicosane	14.76	6.5	ng	366840	6	15.49	1128130	20.0
Tetracosane	15.89	8.5	ng	480910	6	15.49	1128130	20.0
Heptadecane	16.39	7.7	ng	435522	6	15.49	1128130	20.0