

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115875.D
 Acq On : 31 Jul 2019 19:26
 Operator : HP/JU
 Sample : K4044-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF073019.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	22	rVB	837188	1113707	31.56%	3.231%
2	2.498	62	70	78	rVB	41446	68749	1.95%	0.199%
3	5.475	572	576	594	rBV	2845465	2940149	83.31%	8.529%
4	6.486	743	748	751	rBV	3019555	3083551	87.37%	8.945%
5	6.622	767	771	775	rBV	3288309	3164091	89.65%	9.179%
6	6.851	806	810	819	rBV	1028781	834518	23.65%	2.421%
7	7.010	833	837	840	rBV	2821587	2473782	70.09%	7.176%
8	7.410	900	905	908	rBV	2132166	1988072	56.33%	5.767%
9	8.133	1024	1028	1047	rBV	1165699	1055506	29.91%	3.062%
10	9.210	1207	1211	1215	rBV	3739029	3529330	100.00%	10.238%
11	9.604	1274	1278	1287	rVB	446907	356016	10.09%	1.033%
12	9.892	1323	1327	1330	rBV	1468946	1201914	34.06%	3.487%
13	10.680	1457	1461	1477	rBV	2126898	2008611	56.91%	5.827%
14	11.380	1576	1580	1582	rBV	1234371	1174339	33.27%	3.407%
15	11.398	1582	1583	1587	rVV	277214	208978	5.92%	0.606%
16	11.451	1587	1592	1596	rVB2	76182	85501	2.42%	0.248%
17	11.904	1666	1669	1676	rBV2	248073	254538	7.21%	0.738%
18	11.992	1681	1684	1687	rBV	45524	51647	1.46%	0.150%
19	12.592	1782	1786	1790	rBV	383672	363787	10.31%	1.055%
20	12.692	1799	1803	1808	rBV	77986	113740	3.22%	0.330%
21	12.821	1819	1825	1830	rVB	306679	351283	9.95%	1.019%
22	12.963	1844	1849	1852	rBV	3520044	3204772	90.80%	9.297%
23	13.151	1878	1881	1884	rVB	38677	38800	1.10%	0.113%
24	13.251	1895	1898	1901	rBV2	34642	40429	1.15%	0.117%
25	13.439	1927	1930	1933	rBV	182418	154146	4.37%	0.447%
26	13.657	1964	1967	1972	rVB2	37081	46089	1.31%	0.134%
27	13.868	1999	2003	2013	rVB2	266863	455710	12.91%	1.322%
28	14.015	2024	2028	2031	rBV2	1081539	1203767	34.11%	3.492%
29	14.045	2031	2033	2040	rVB	177539	172074	4.88%	0.499%
30	14.180	2053	2056	2058	rBV	66599	61969	1.76%	0.180%
31	14.480	2104	2107	2110	rBV	119994	113711	3.22%	0.330%
32	14.786	2156	2159	2164	rVB	177575	184743	5.23%	0.536%
33	15.057	2202	2205	2209	rBV	140727	230285	6.52%	0.668%
34	15.127	2213	2217	2221	rVB	202242	241492	6.84%	0.701%

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.362	2254	2257	2263	rVB	76310	98208	2.78%	0.285%
36	15.421	2264	2267	2273	rVB	110739	137264	3.89%	0.398%
37	15.486	2273	2278	2289	rBV	832753	1320949	37.43%	3.832%
38	15.939	2351	2355	2365	rVB	143445	210122	5.95%	0.610%
39	16.445	2437	2441	2447	rVB2	76851	136494	3.87%	0.396%

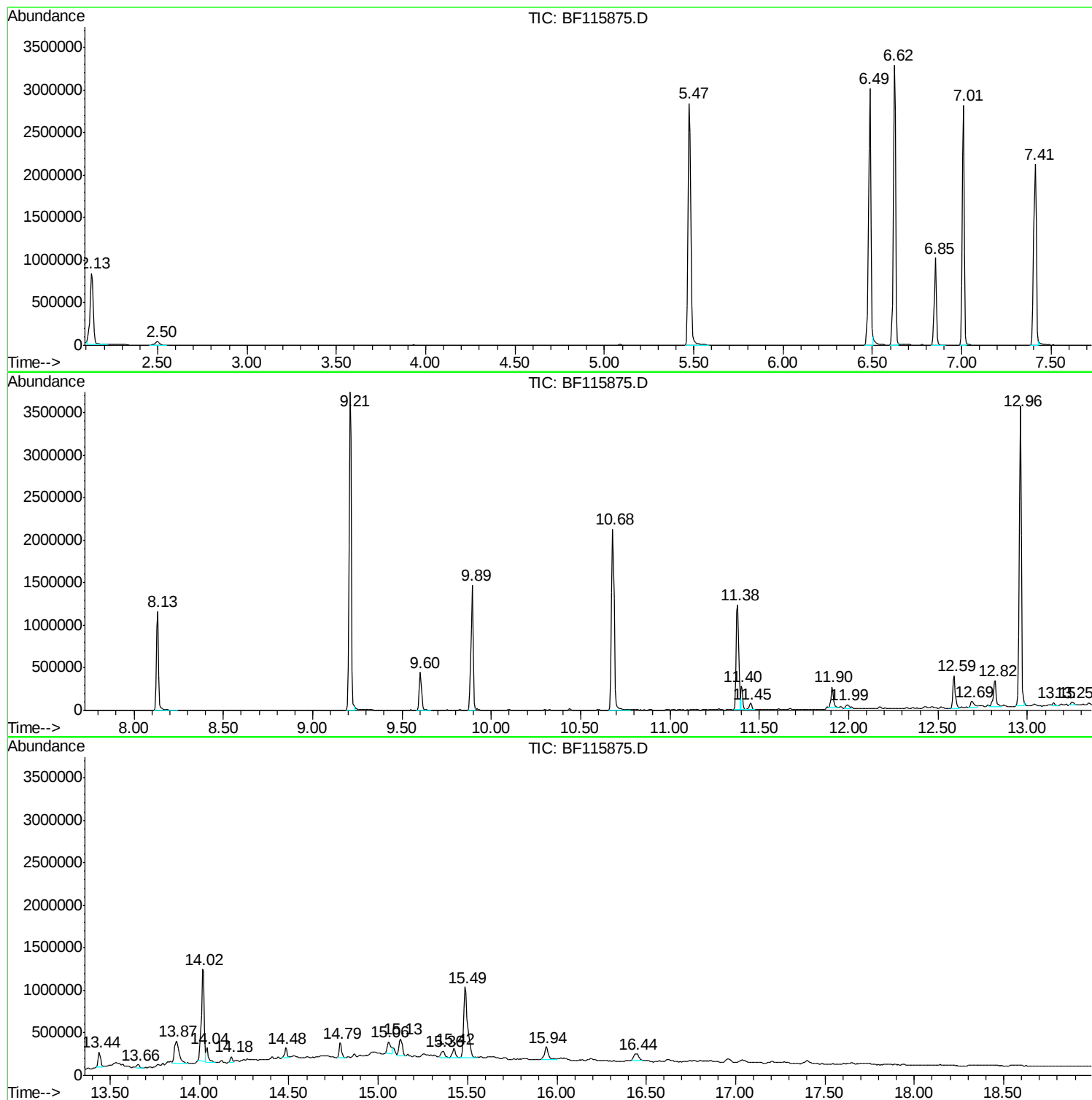
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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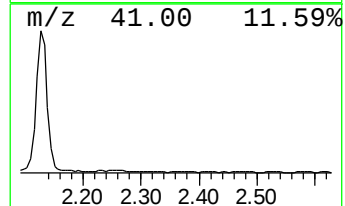
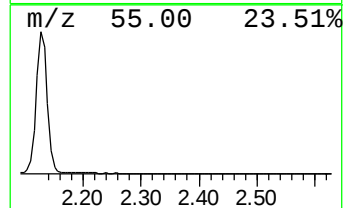
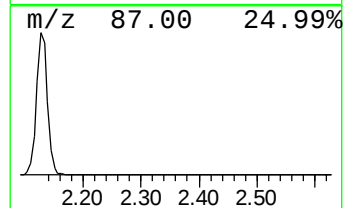
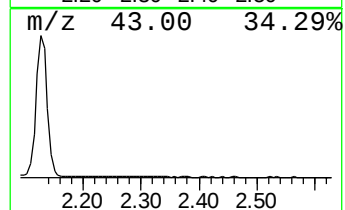
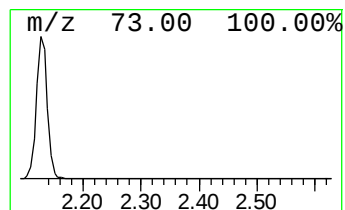
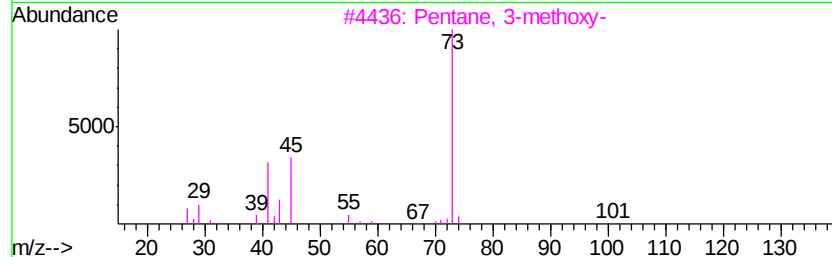
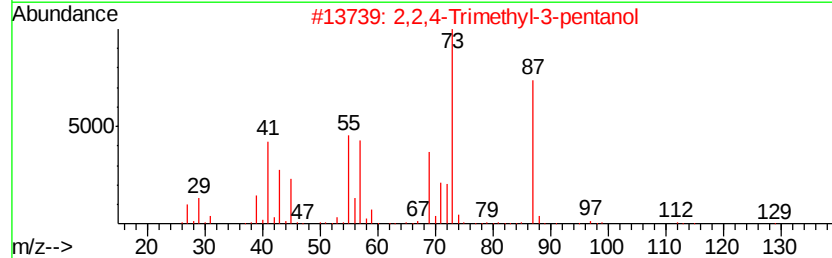
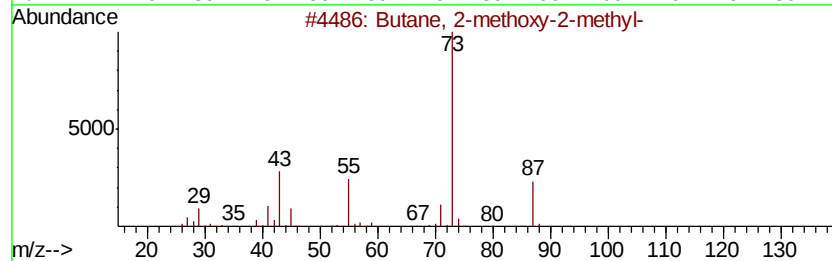
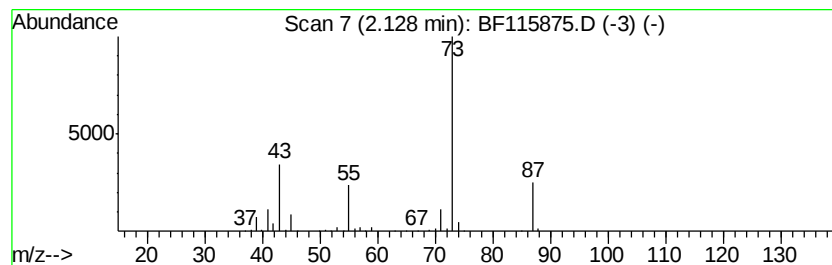
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	26.69 ng	1113710	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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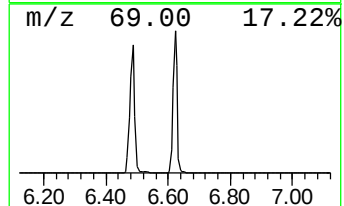
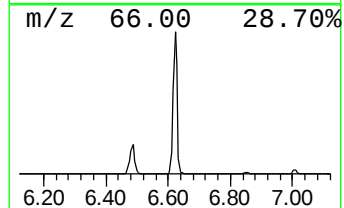
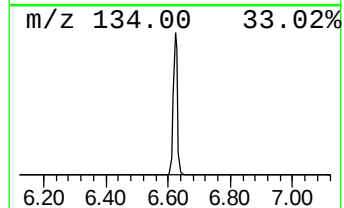
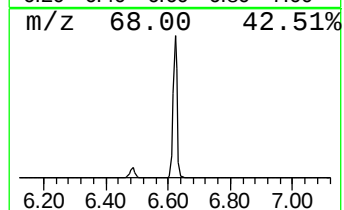
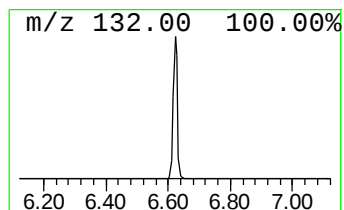
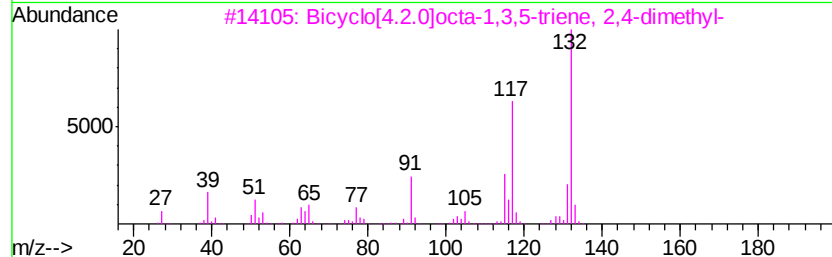
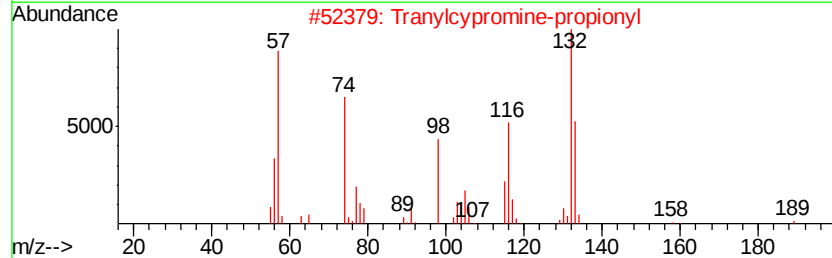
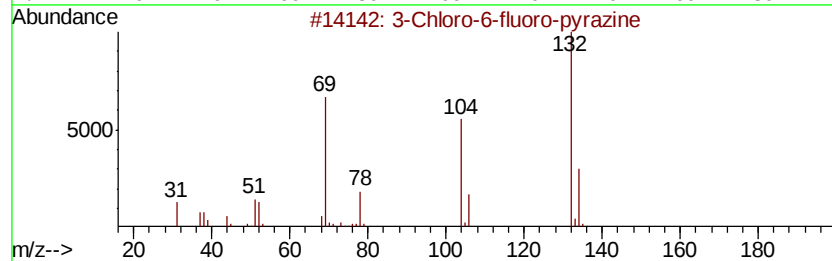
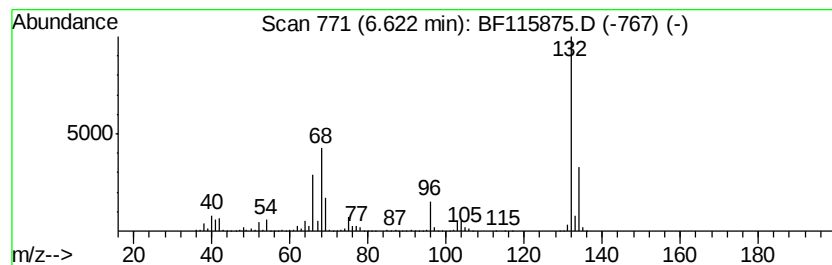
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	75.83 ng	3164090	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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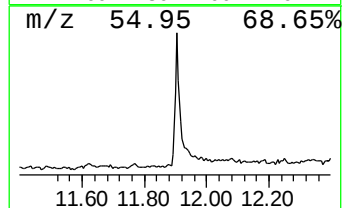
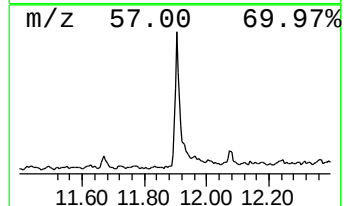
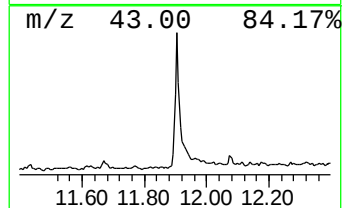
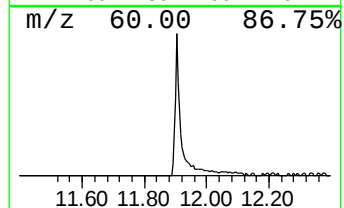
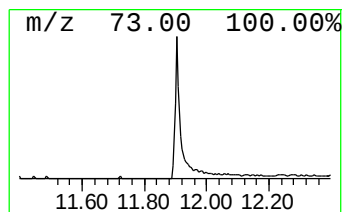
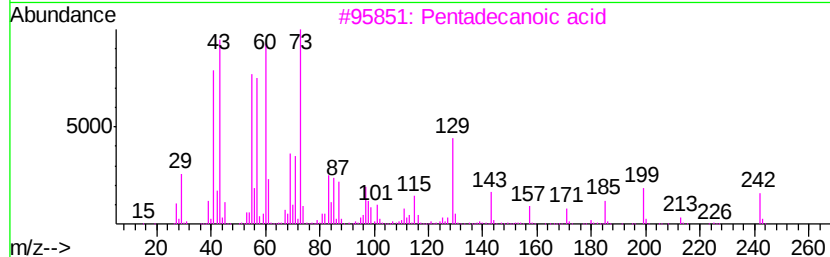
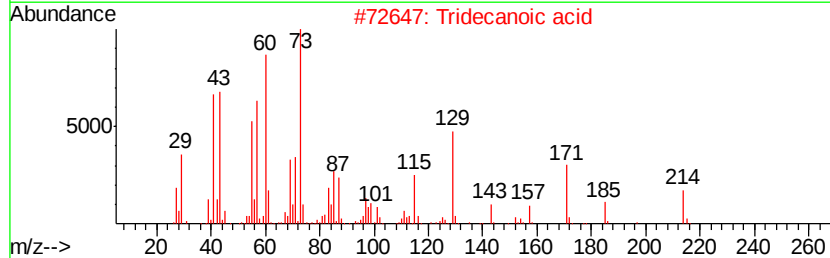
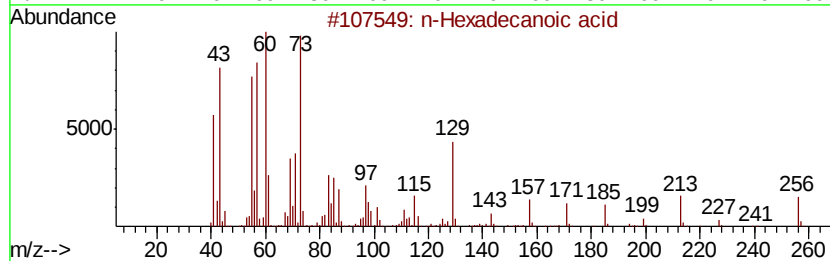
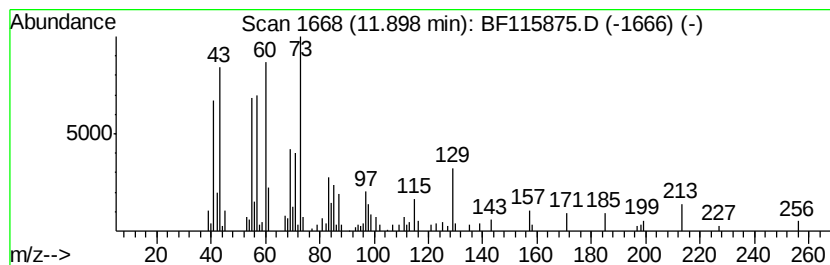
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.34 ng	254538	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	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	70



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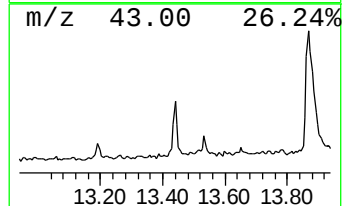
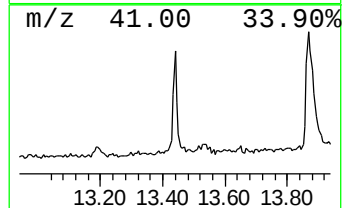
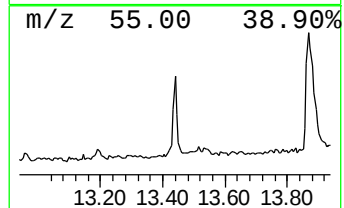
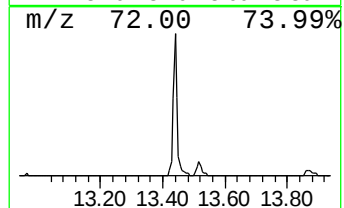
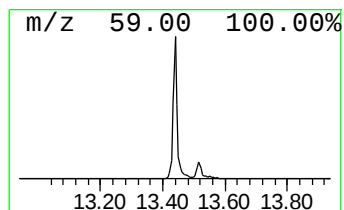
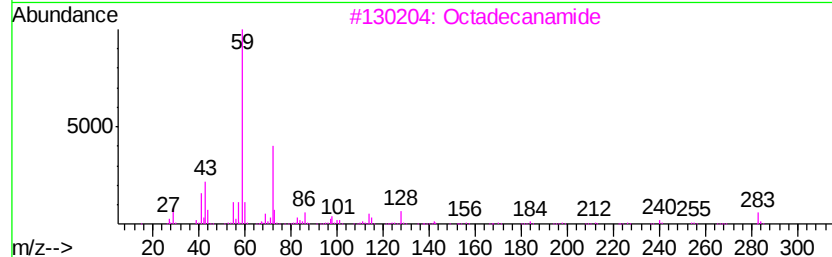
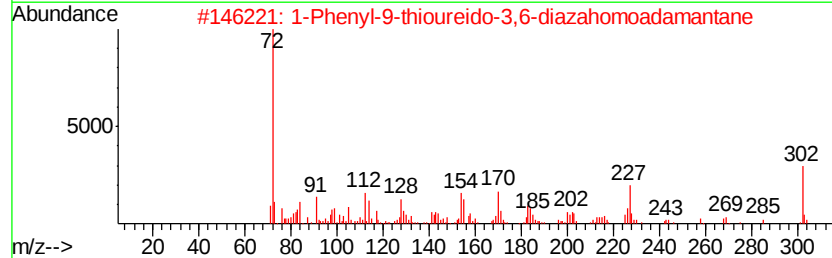
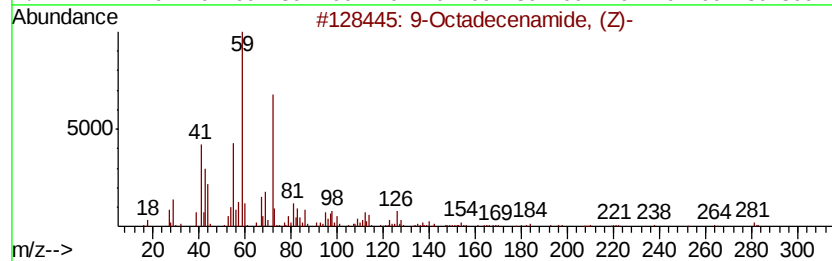
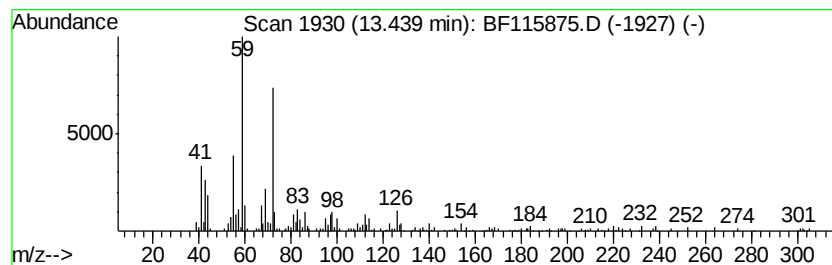
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.56 ng	154146	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		1-Phenyl-9-thioureido-3,6-diazah...	302	C16H22N4S	153464-71-2	59
3		Octadecanamide	283	C18H37NO	000124-26-5	53
4		Hexadecanamide	255	C16H33NO	000629-54-9	53
5		Dodecanamide	199	C12H25NO	001120-16-7	49



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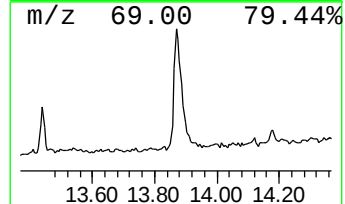
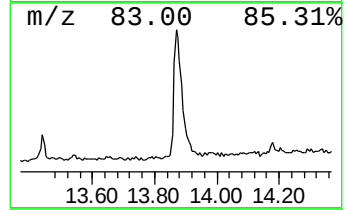
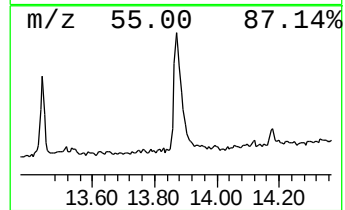
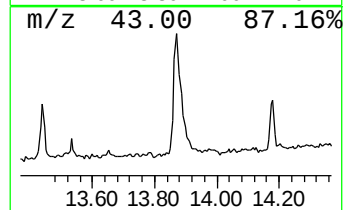
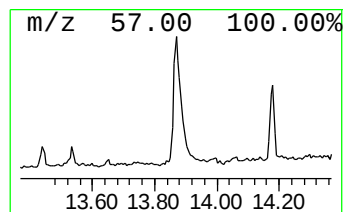
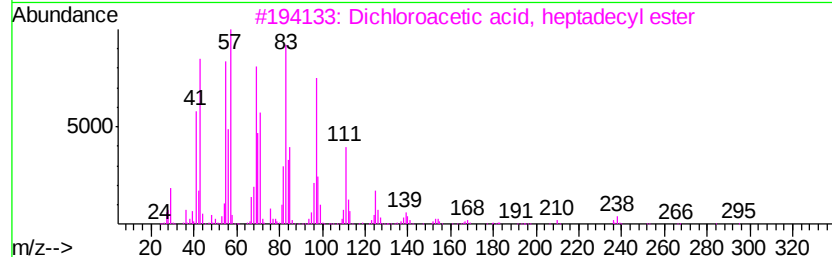
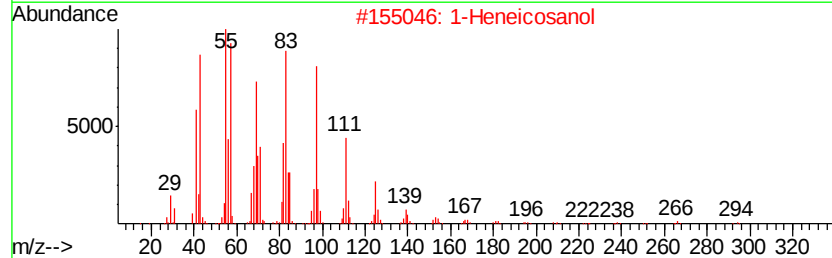
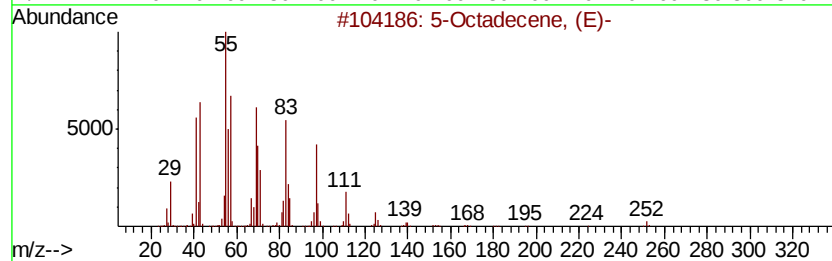
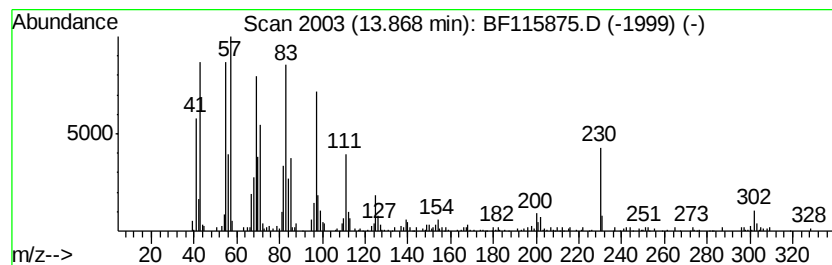
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.57 ng	455710	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115875.D
Acq On : 31 Jul 2019 19:26
Operator : HP/JU
Sample : K4044-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

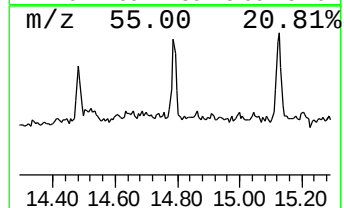
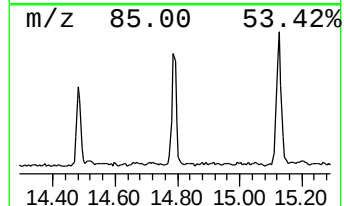
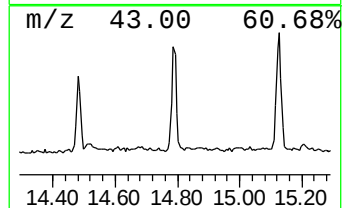
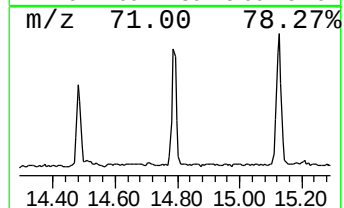
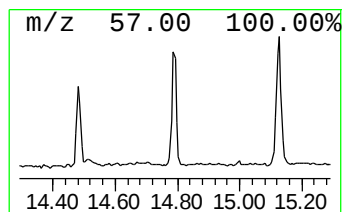
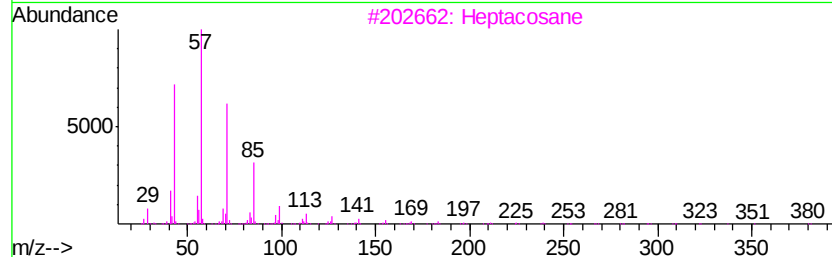
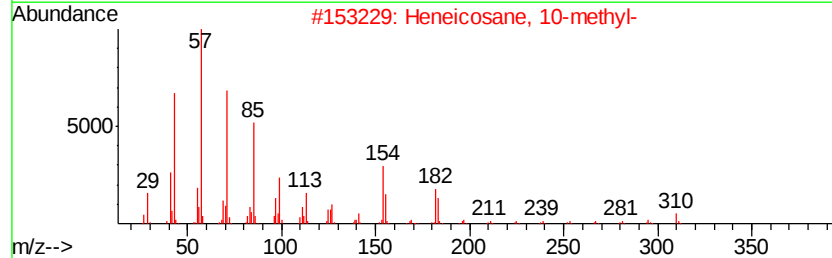
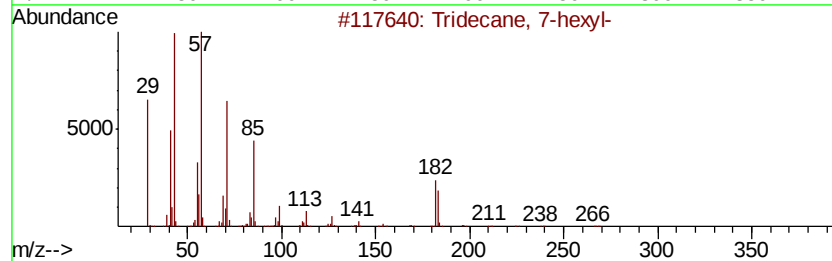
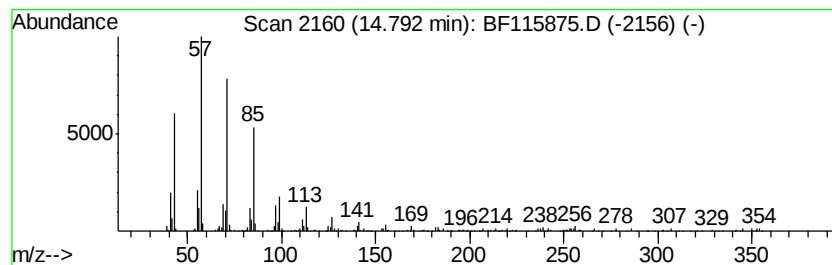
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.80 ng	184743	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
2		Heneicosane, 10-methyl-	310	C22H46	013287-25-7	83
3		Heptacosane	380	C27H56	000593-49-7	74
4		Heneicosane	296	C21H44	000629-94-7	70
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115875.D
Acq On : 31 Jul 2019 19:26
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Sample : K4044-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

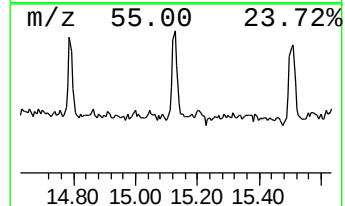
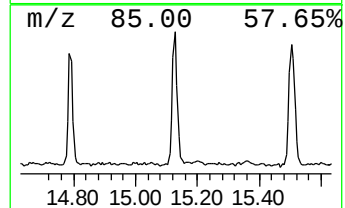
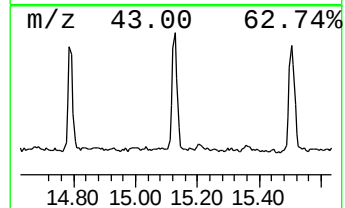
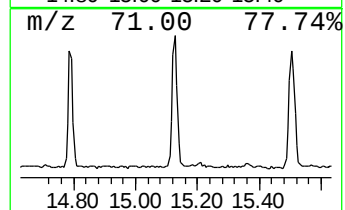
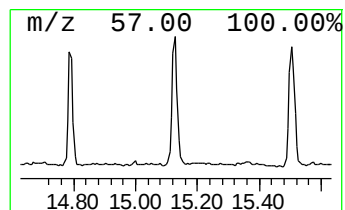
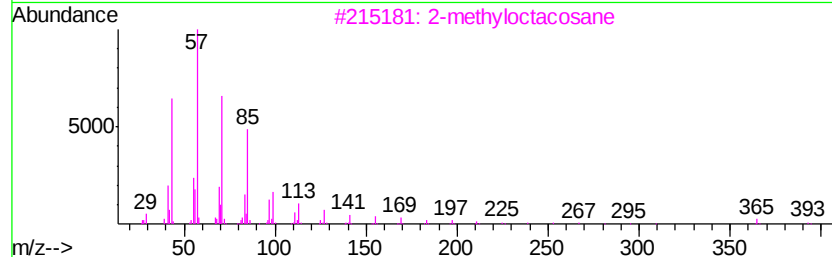
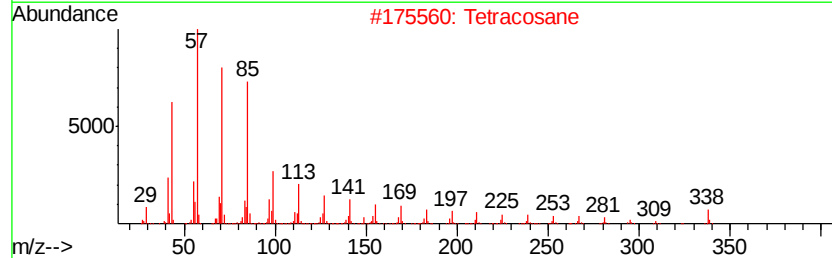
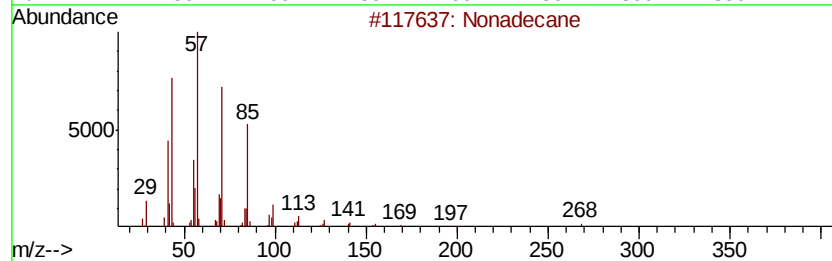
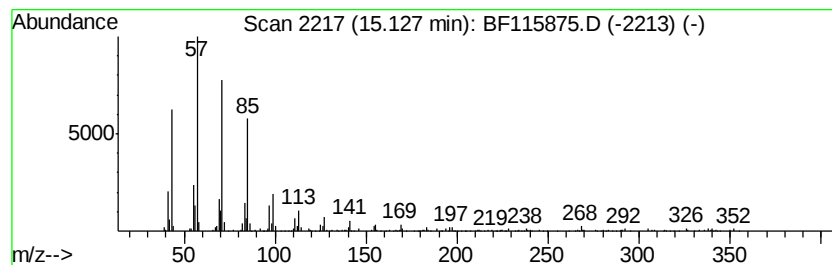
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.66 ng	241492	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Tetracosane		338	C24H50	000646-31-1	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	triacontane		422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115875.D
Acq On : 31 Jul 2019 19:26
Operator : HP/JU
Sample : K4044-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

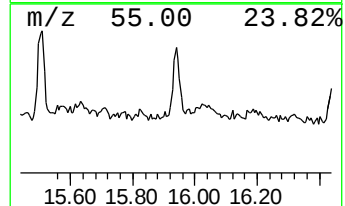
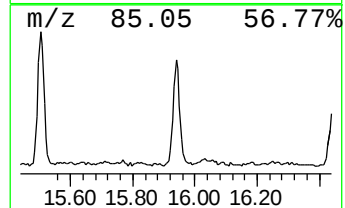
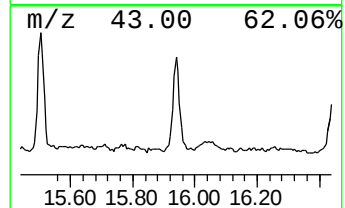
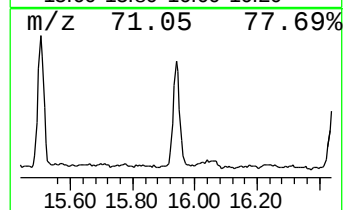
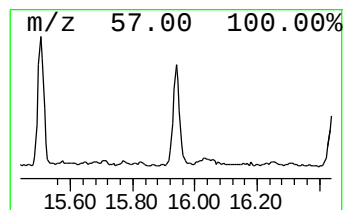
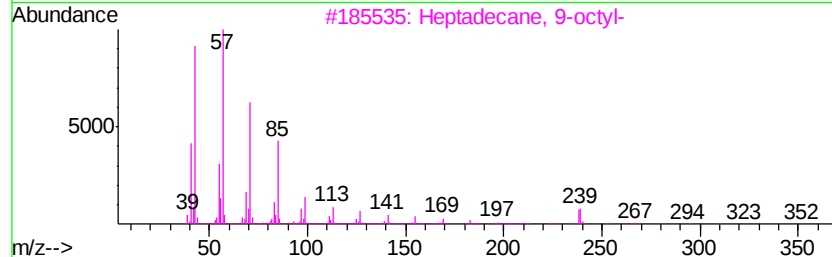
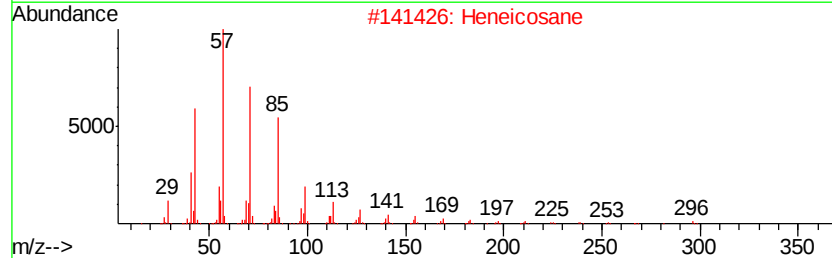
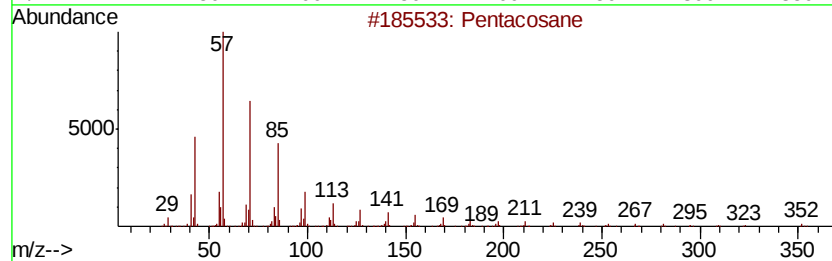
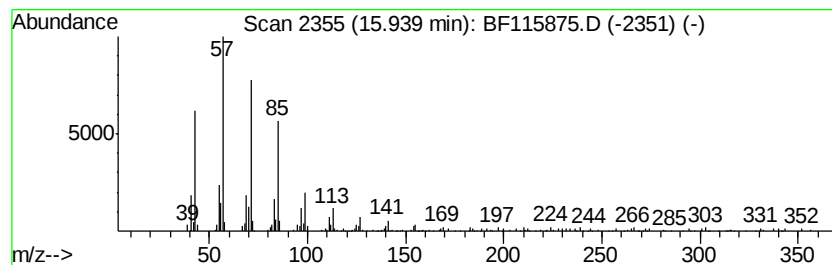
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.18 ng	210122	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115875.D
Acq On : 31 Jul 2019 19:26
Operator : HP/JU
Sample : K4044-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

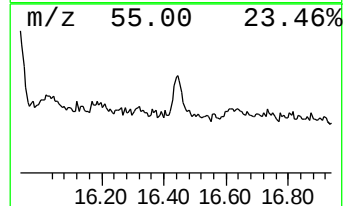
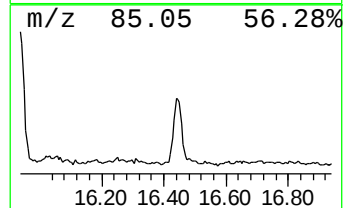
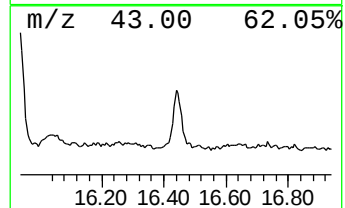
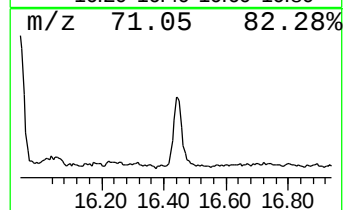
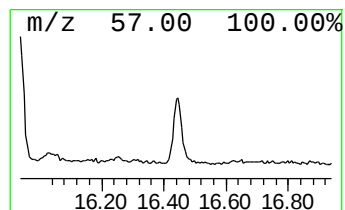
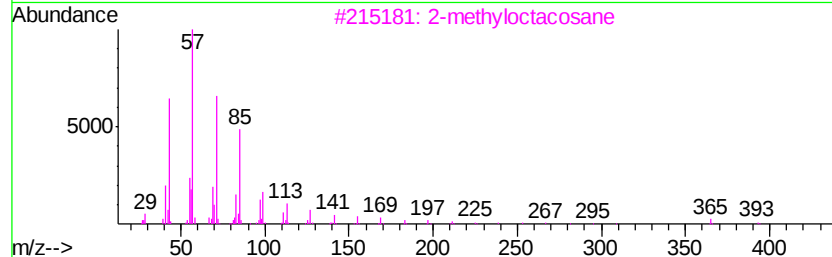
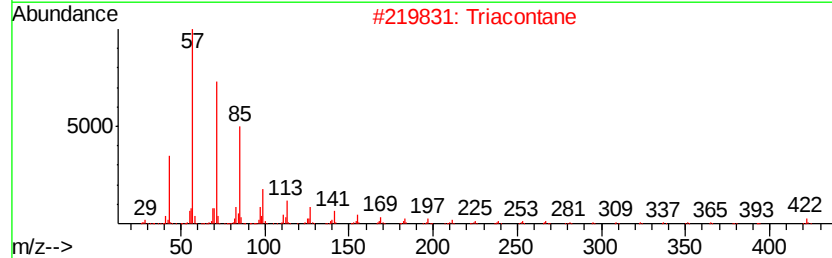
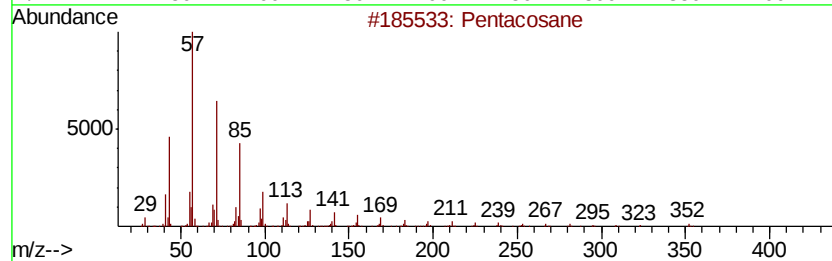
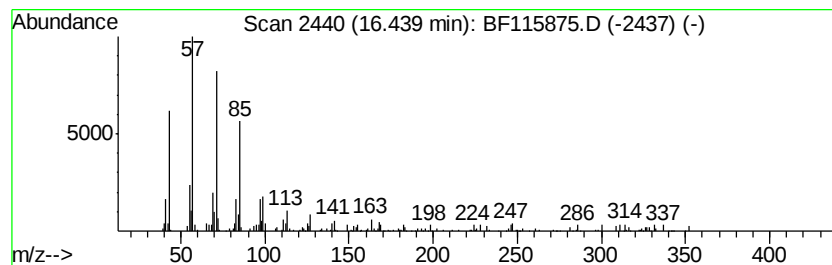
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.07 ng	136494	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	93
2			Triacontane	422	C30H62	000638-68-6	87
3			2-methyloctacosane	408	C29H60	1000376-72-8	87
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5			2-methyltetracosane	352	C25H52	1000376-72-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
Data File : BF115875.D
Acq On : 31 Jul 2019 19:26
Operator : HP/JU
Sample : K4044-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
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unknown6.62	6.62	75.8	ng	3164090	1	6.85	834518	20.0
n-Hexadecanoic acid	11.90	4.3	ng	254538	4	11.38	1174340	20.0
9-Octadecenamide, ...	13.44	2.6	ng	154146	5	14.02	1203770	20.0
5-Octadecene, (E)-	13.87	7.6	ng	455710	5	14.02	1203770	20.0
Tridecane, 7-hexyl-	14.79	2.8	ng	184743	6	15.49	1320950	20.0
Nonadecane	15.13	3.7	ng	241492	6	15.49	1320950	20.0
Pentacosane	15.94	3.2	ng	210122	6	15.49	1320950	20.0
Triacontane	16.44	2.1	ng	136494	6	15.49	1320950	20.0