

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
 Data File : BF112439.D
 Acq On : 7 Feb 2019 15:45
 Operator : JU/SJ
 Sample : K1389-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-7-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	2.122	3	6	12	rVB	110290	138853	3.66%	0.419%
2	5.057	501	505	518	rBV	105939	153222	4.03%	0.462%
3	5.469	571	575	591	rBV	2884098	3086738	81.26%	9.305%
4	6.486	743	748	765	rBV	3132804	3502767	92.21%	10.559%
5	6.610	765	769	772	rBV	3869497	3374992	88.85%	10.174%
6	6.833	803	807	816	rBV	884842	809008	21.30%	2.439%
7	6.986	829	833	837	rBV	2848159	2622724	69.04%	7.906%
8	7.398	898	903	919	rBV	2079519	2074217	54.60%	6.253%
9	8.116	1021	1025	1038	rVB	1046476	1042387	27.44%	3.142%
10	9.186	1202	1207	1218	rBV	4082471	3798697	100.00%	11.451%
11	9.580	1270	1274	1283	rBV	284036	255983	6.74%	0.772%
12	9.869	1319	1323	1331	rVB	1344884	1187278	31.25%	3.579%
13	10.663	1454	1458	1470	rBV	2571648	2319464	61.06%	6.992%
14	11.357	1572	1576	1588	rVB	1261012	1103732	29.06%	3.327%
15	11.739	1638	1641	1646	rVB	217671	168715	4.44%	0.509%
16	11.874	1661	1664	1674	rBV2	148864	220781	5.81%	0.666%
17	12.421	1754	1757	1759	rBV	697639	623370	16.41%	1.879%
18	12.445	1759	1761	1764	rVB	639213	480561	12.65%	1.449%
19	12.527	1772	1775	1778	rVB	94994	79720	2.10%	0.240%
20	12.580	1780	1784	1793	rBV8	16858	50086	1.32%	0.151%
21	12.663	1795	1798	1804	rBV4	31298	40425	1.06%	0.122%
22	12.939	1841	1845	1848	rBV	3373877	2966147	78.08%	8.941%
23	13.504	1936	1941	1943	rBV2	47375	52617	1.39%	0.159%
24	13.827	1992	1996	2004	rBV	237699	289216	7.61%	0.872%
25	14.004	2022	2026	2033	rBV	894209	926739	24.40%	2.794%
26	14.145	2047	2050	2054	rBV2	106618	95618	2.52%	0.288%
27	14.451	2098	2102	2105	rBV	121674	126710	3.34%	0.382%
28	14.751	2150	2153	2158	rVB	125296	126495	3.33%	0.381%
29	14.827	2162	2166	2172	rVB	222535	227574	5.99%	0.686%
30	15.086	2206	2210	2217	rBV	116487	131838	3.47%	0.397%
31	15.474	2270	2276	2284	rBV	622066	920443	24.23%	2.775%
32	15.892	2343	2347	2351	rVB	72985	102965	2.71%	0.310%
33	16.386	2427	2431	2436	rBV2	45558	72741	1.91%	0.219%

LSC Area Percent Report

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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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

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

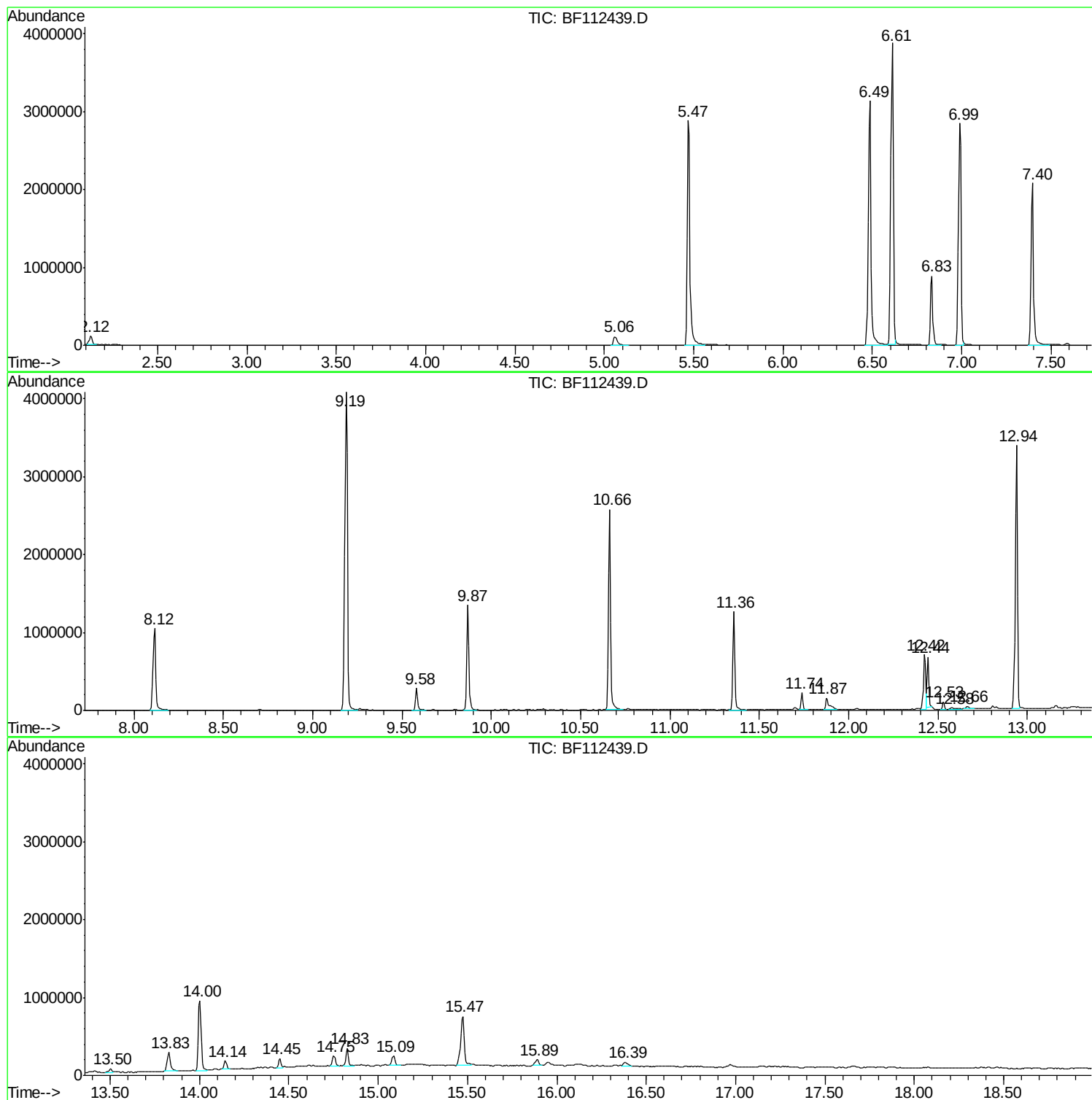
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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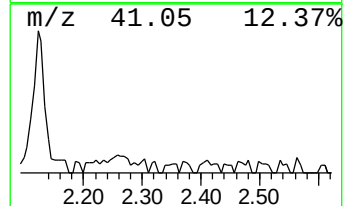
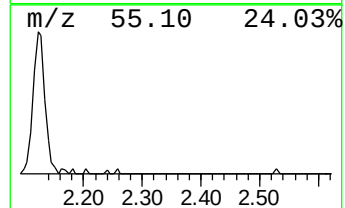
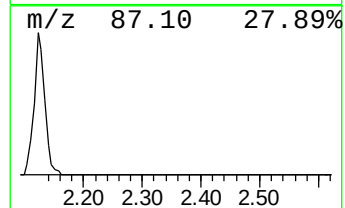
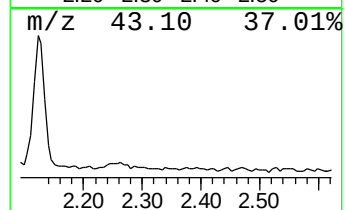
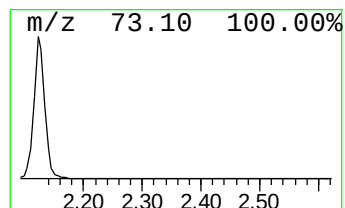
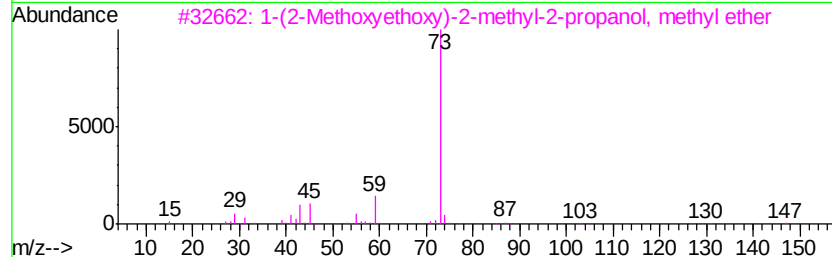
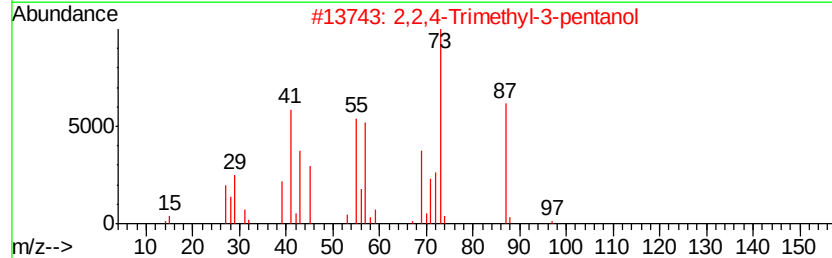
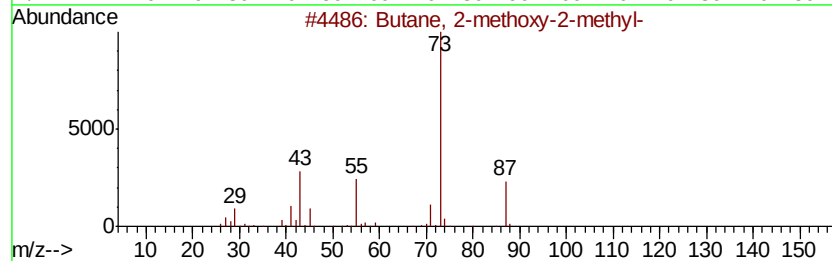
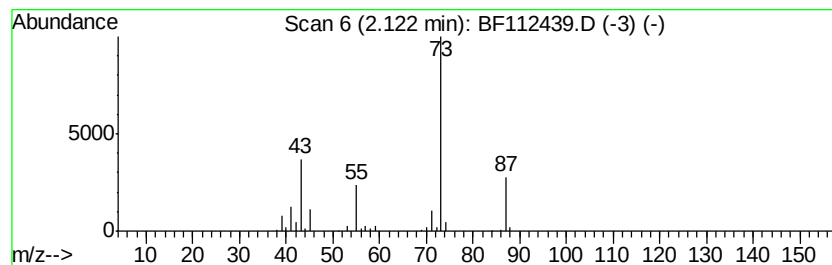
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.43 ng	138853	1,4-Dichlorobenzene-d4	6.83

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	56
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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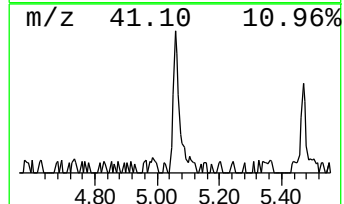
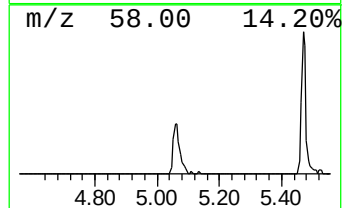
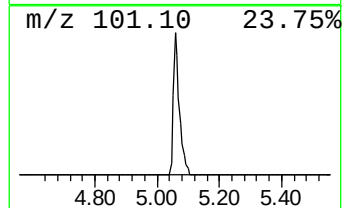
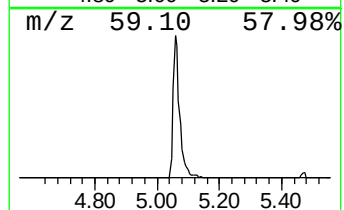
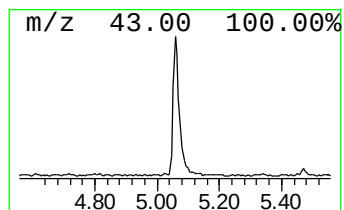
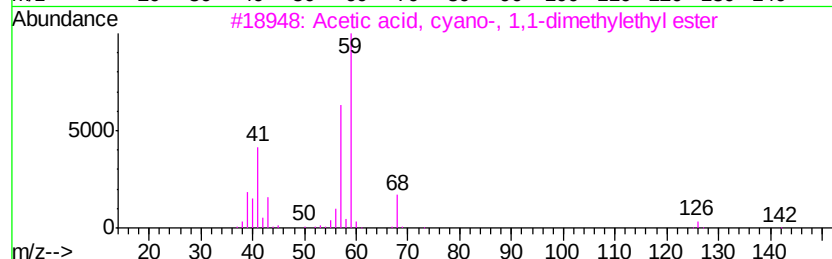
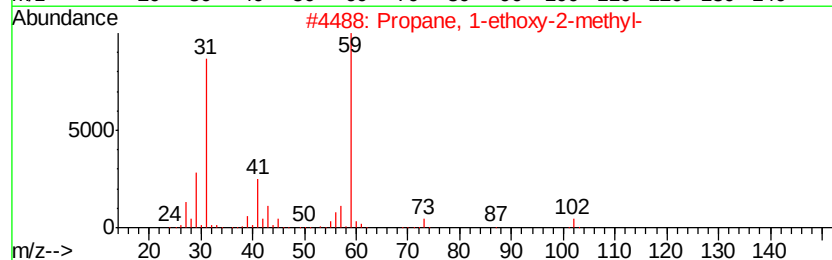
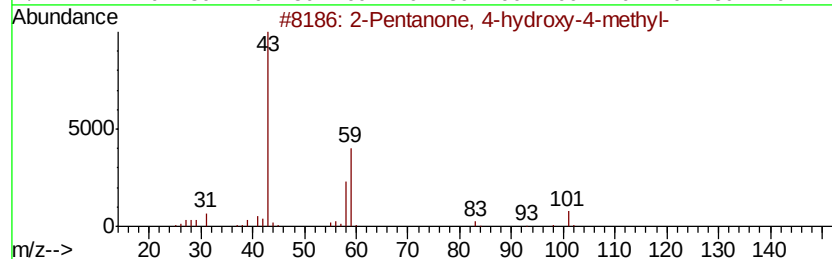
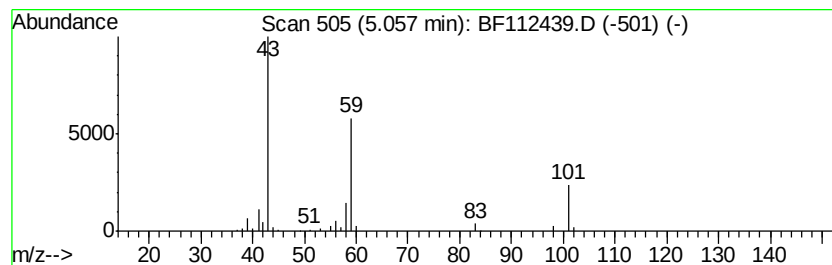
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.79 ng	153222	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9



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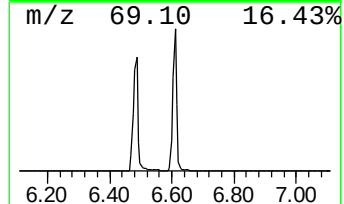
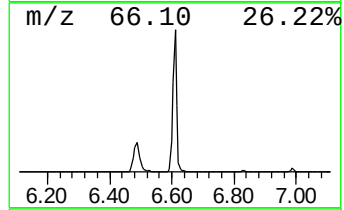
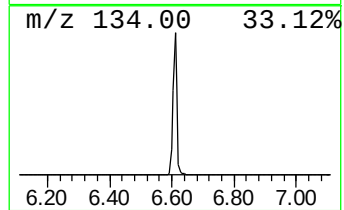
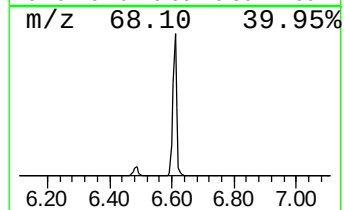
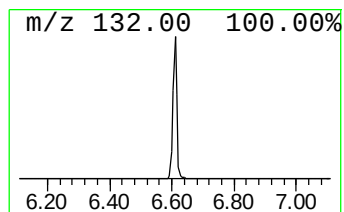
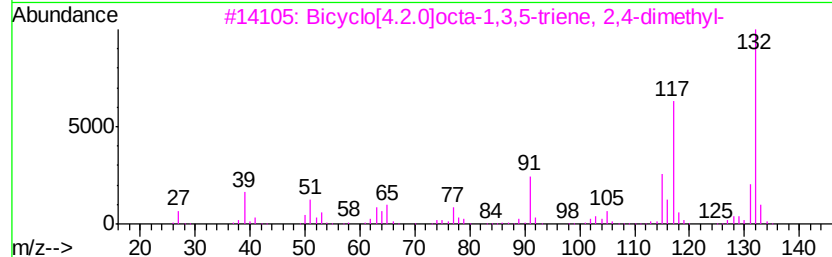
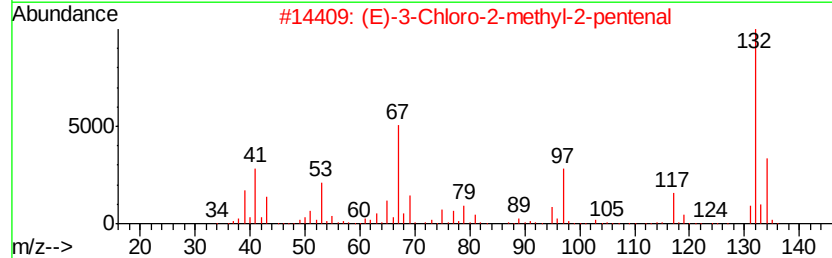
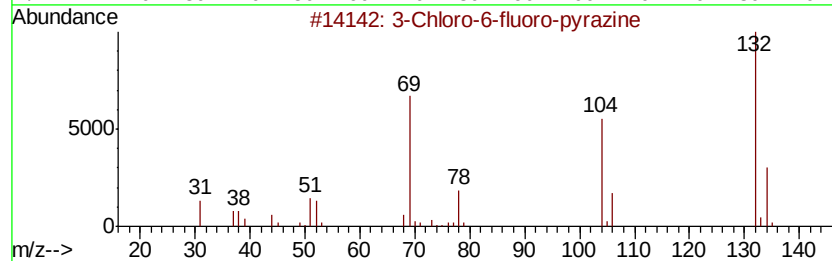
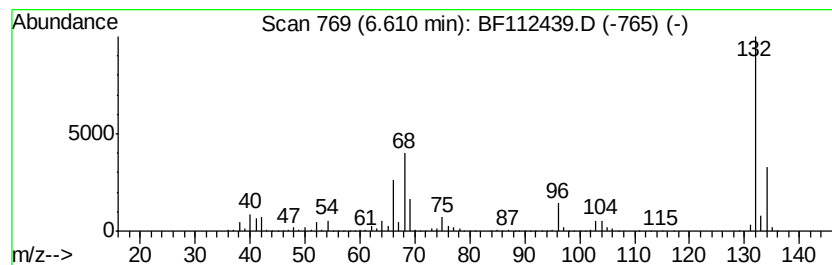
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	83.44 ng	3374990	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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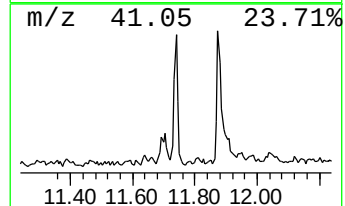
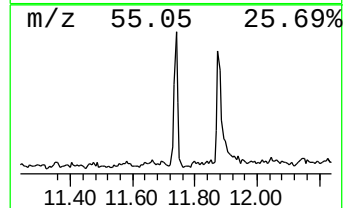
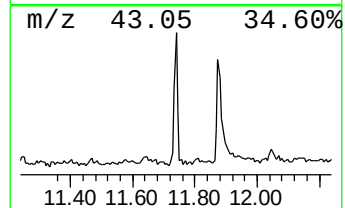
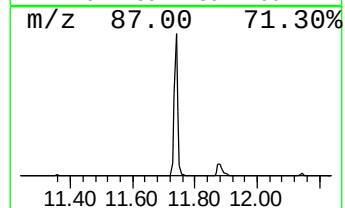
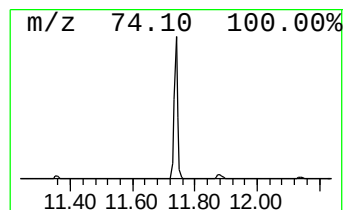
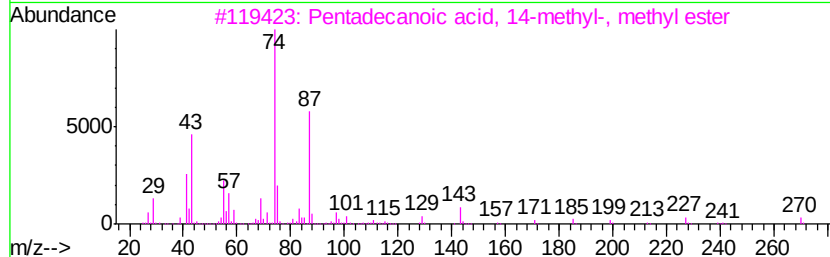
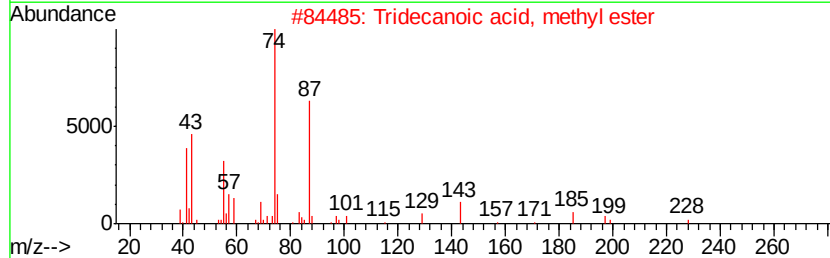
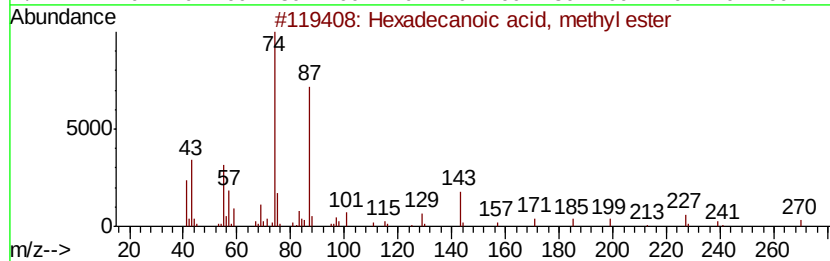
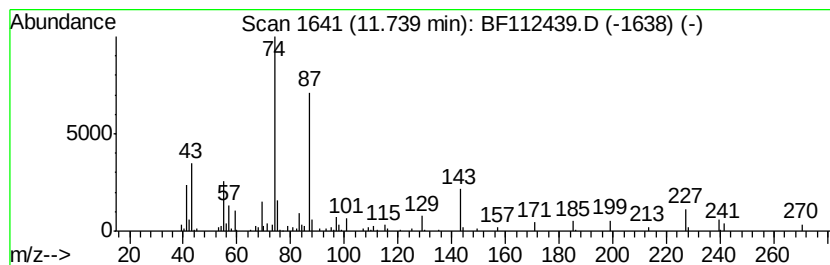
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.06 ng	168715	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



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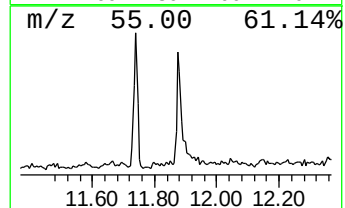
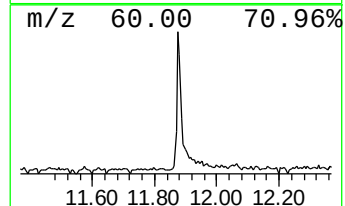
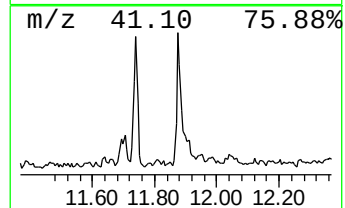
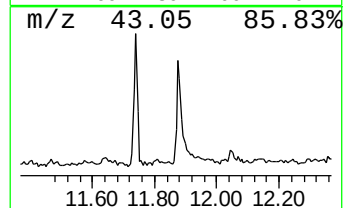
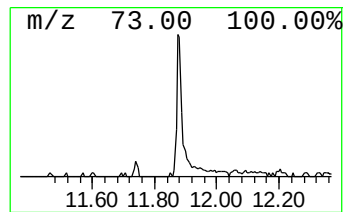
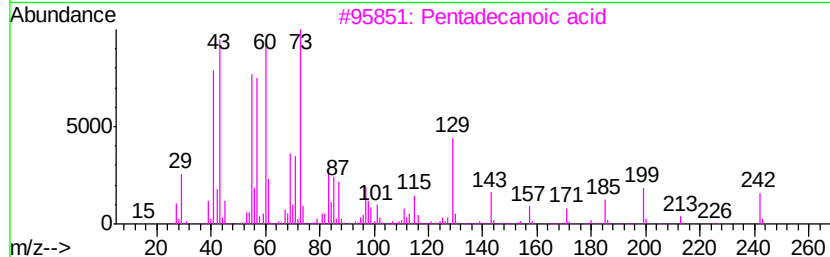
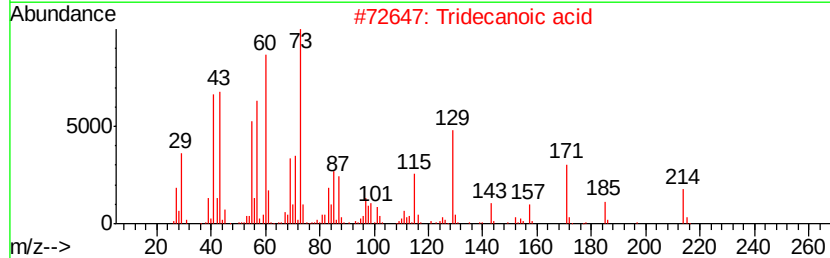
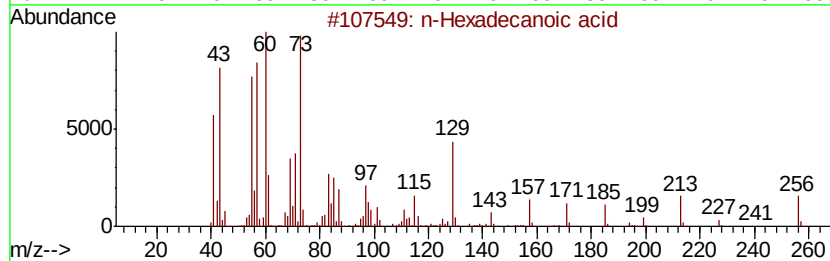
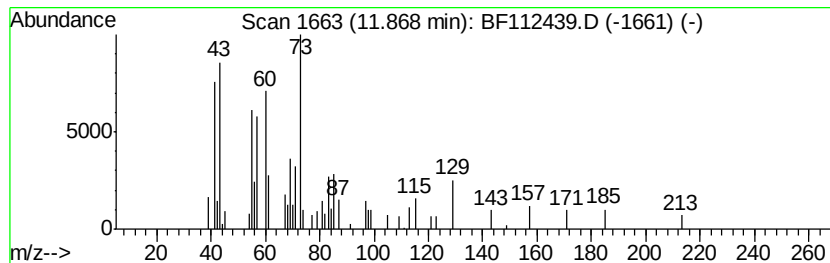
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.00 ng	220781	Phenanthrene-d10	11.36

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		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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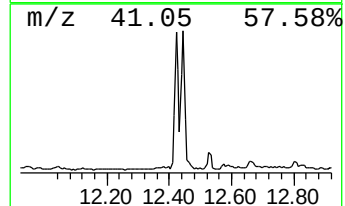
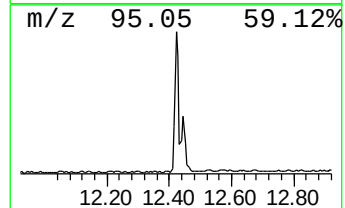
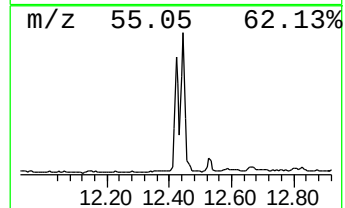
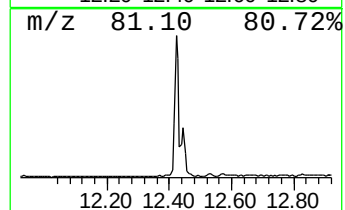
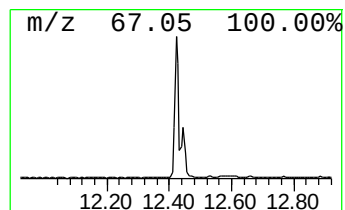
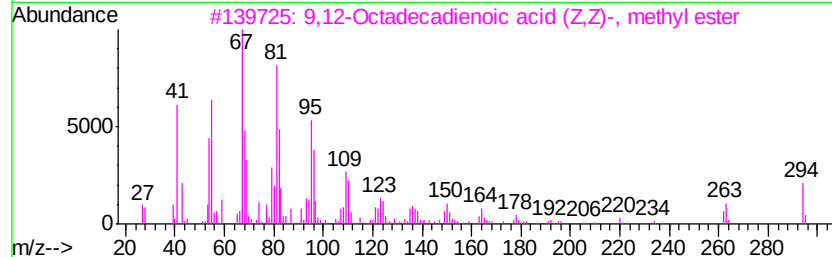
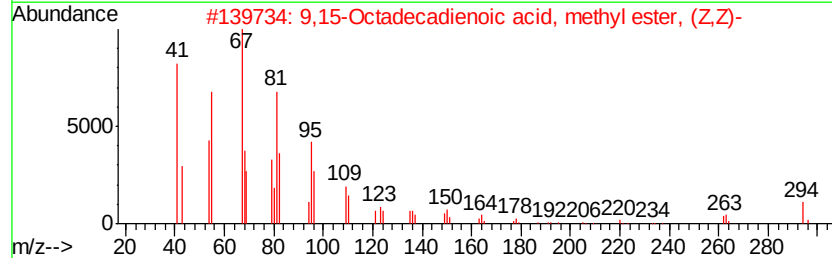
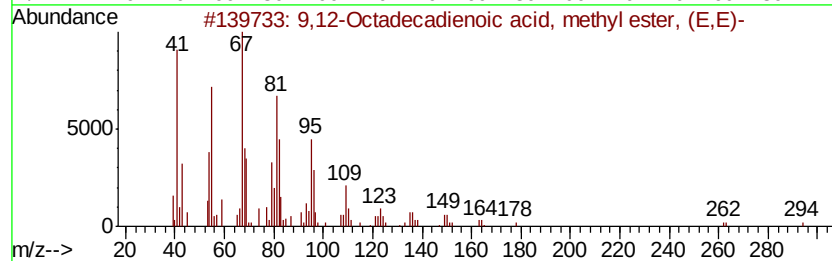
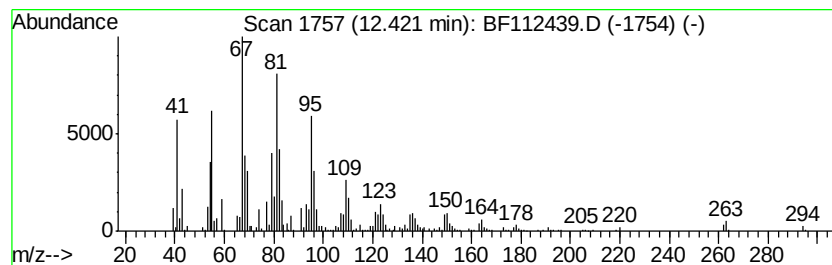
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	11.30 ng	623370	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112439.D
Acq On : 7 Feb 2019 15:45
Operator : JU/SJ
Sample : K1389-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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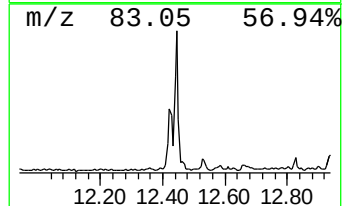
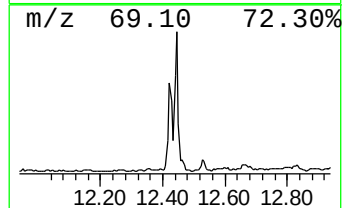
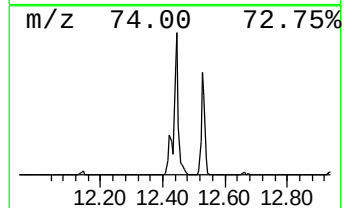
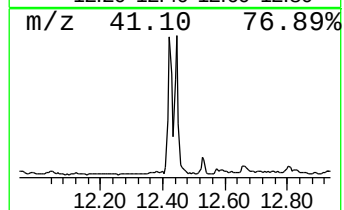
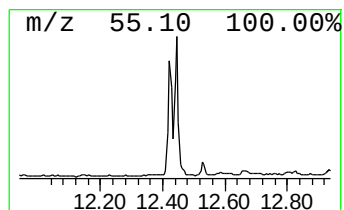
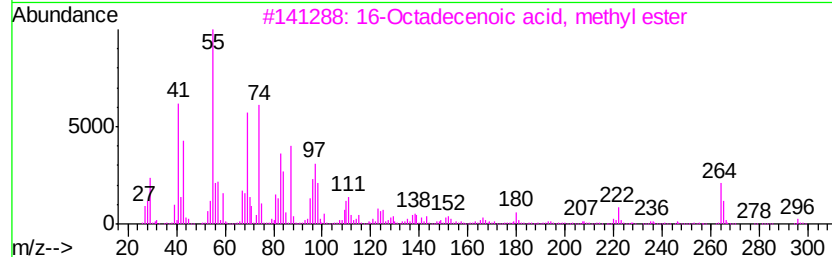
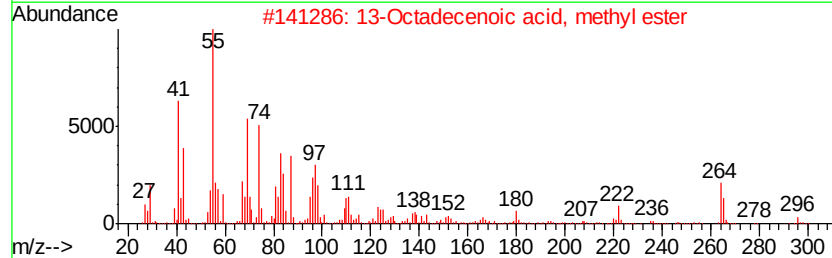
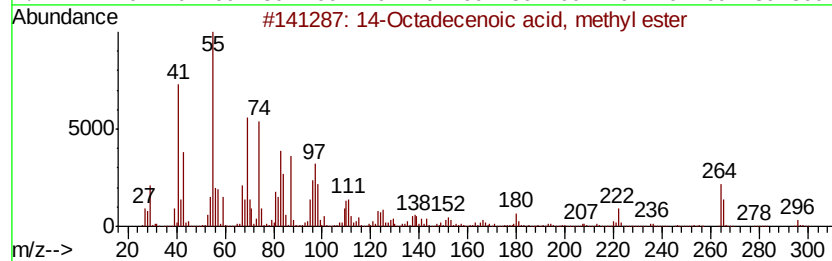
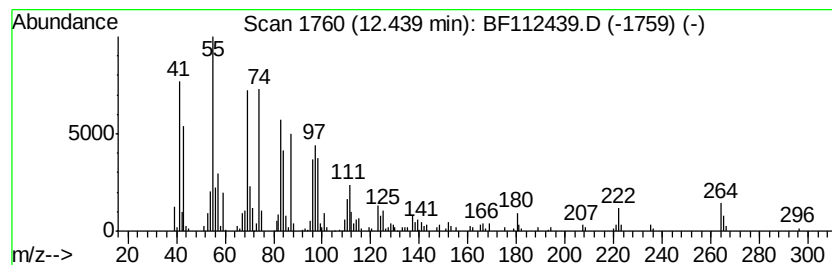
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 14-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	8.71 ng	480561	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112439.D
Acq On : 7 Feb 2019 15:45
Operator : JU/SJ
Sample : K1389-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-7-S

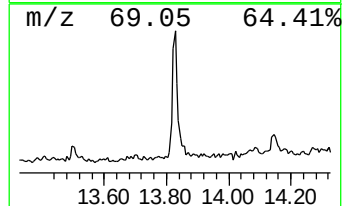
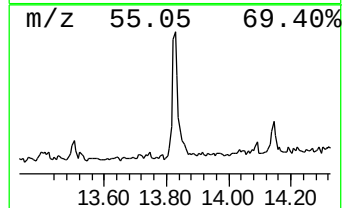
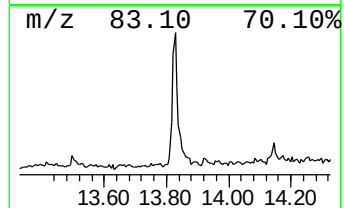
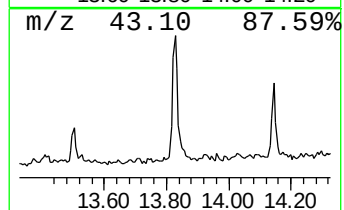
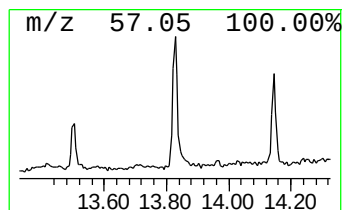
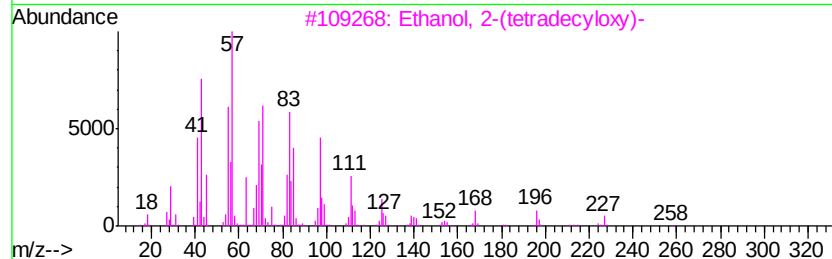
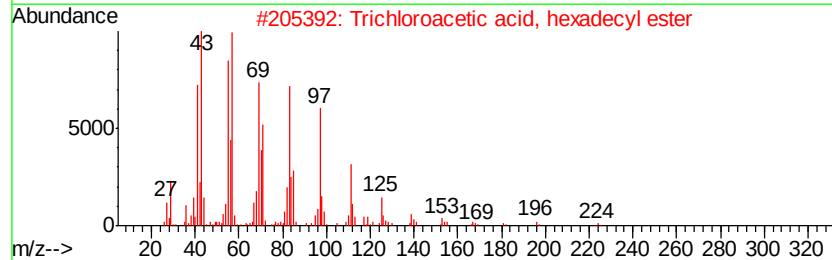
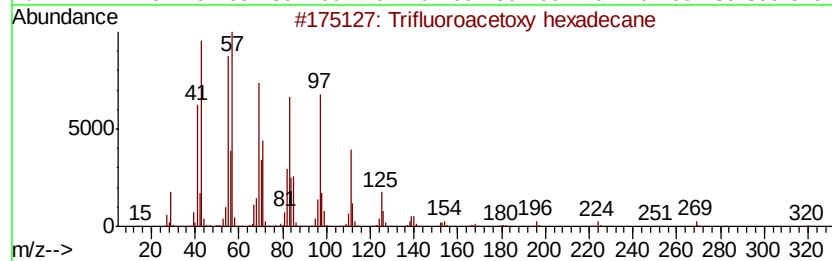
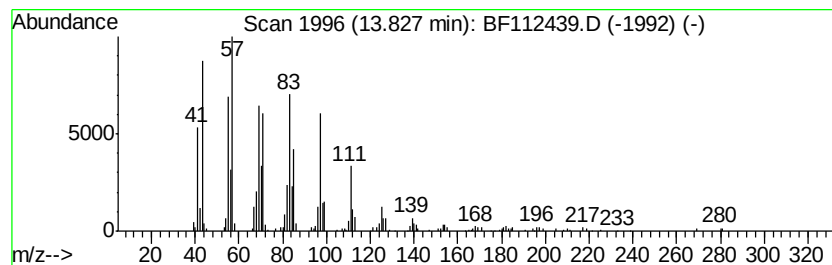
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.24 ng	289216	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112439.D
 Acq On : 7 Feb 2019 15:45
 Operator : JU/SJ
 Sample : K1389-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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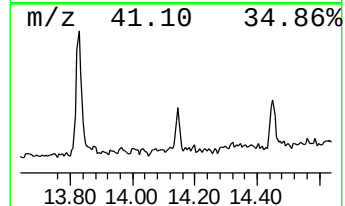
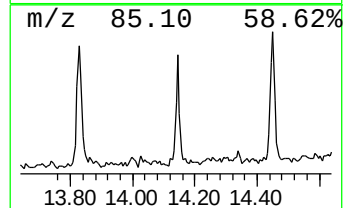
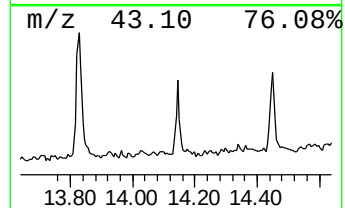
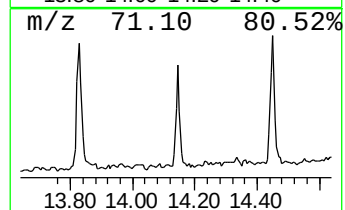
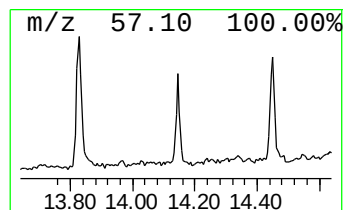
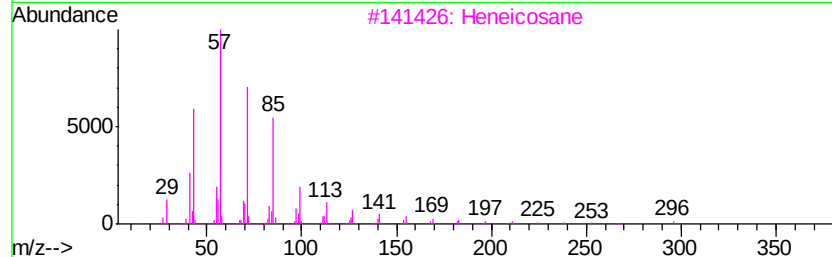
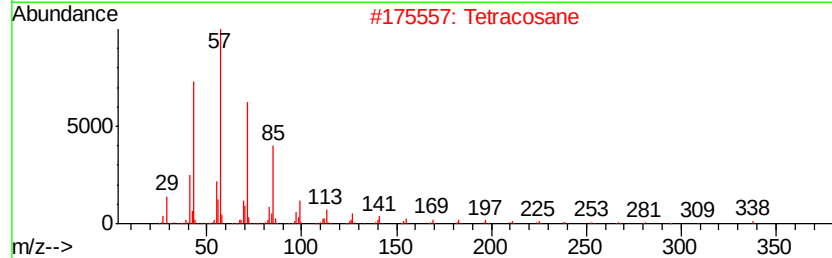
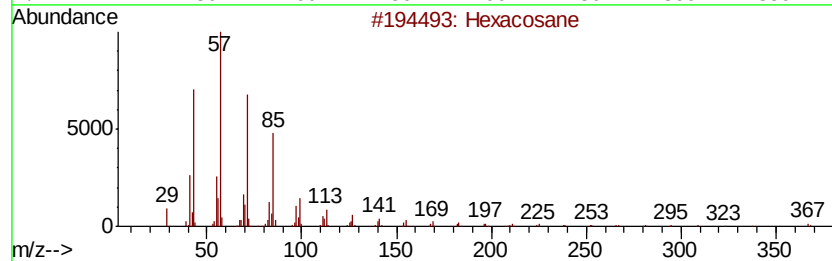
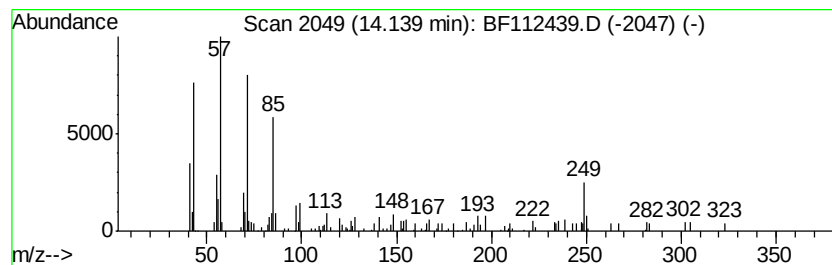
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.06 ng	95618	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	81
2	Tetracosane		338	C24H50	000646-31-1	81
3	Heneicosane		296	C21H44	000629-94-7	74
4	Octacosane		394	C28H58	000630-02-4	70
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112439.D
Acq On : 7 Feb 2019 15:45
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Sample : K1389-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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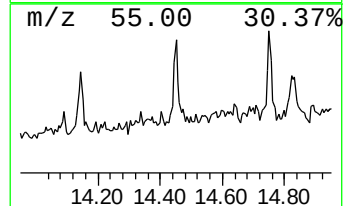
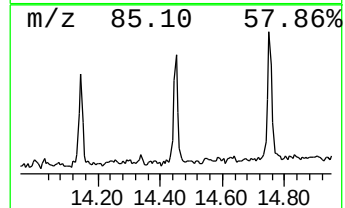
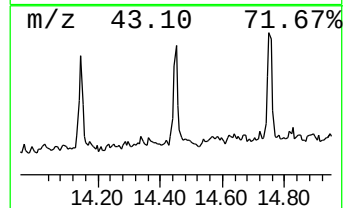
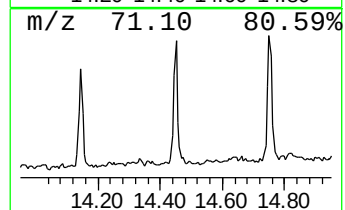
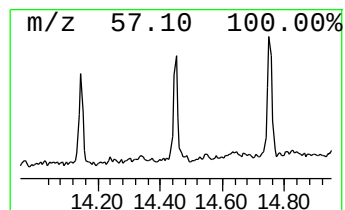
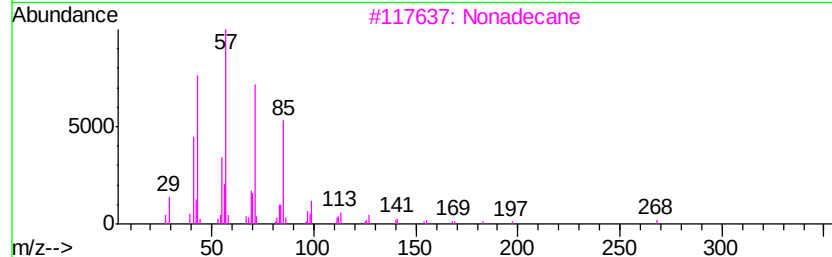
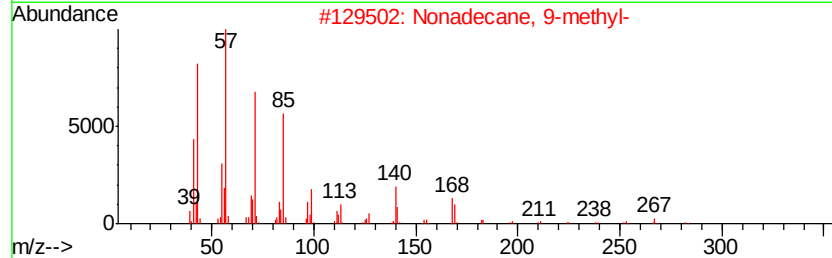
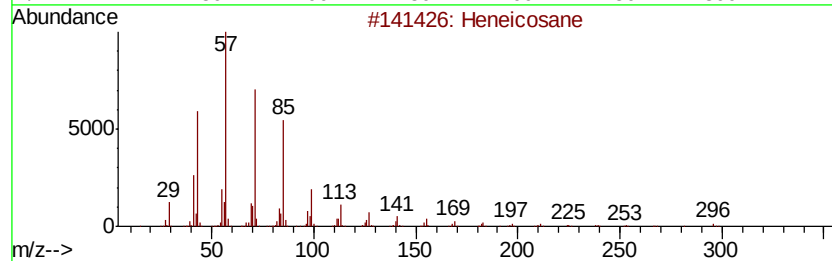
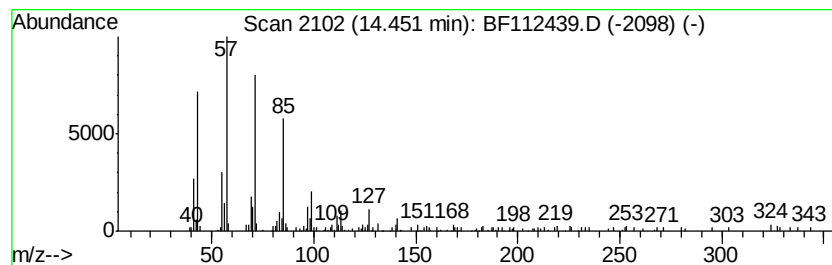
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.73 ng	126710	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112439.D
Acq On : 7 Feb 2019 15:45
Operator : JU/SJ
Sample : K1389-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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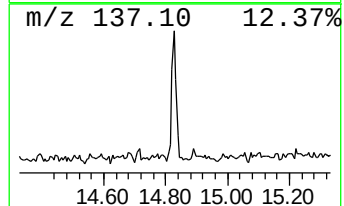
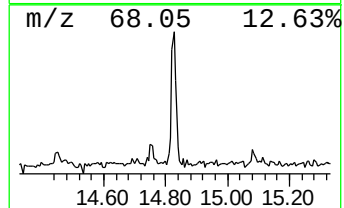
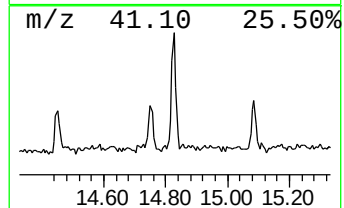
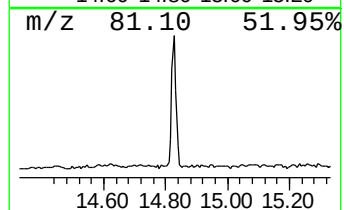
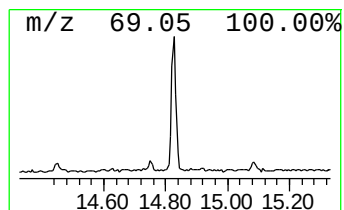
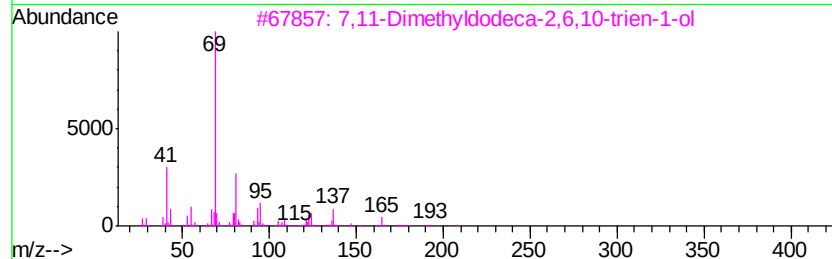
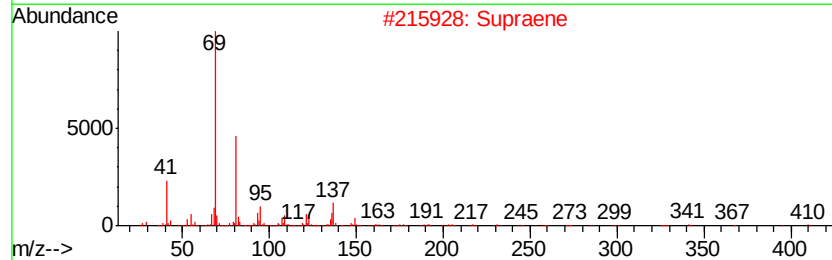
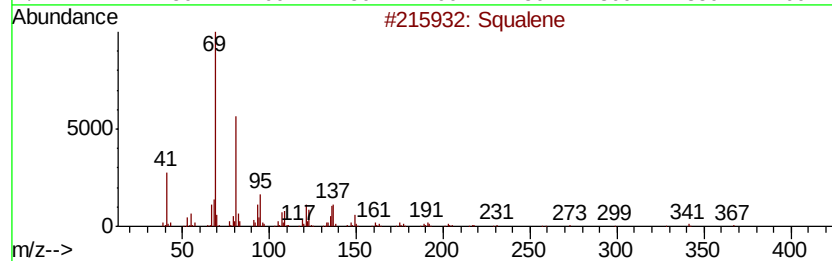
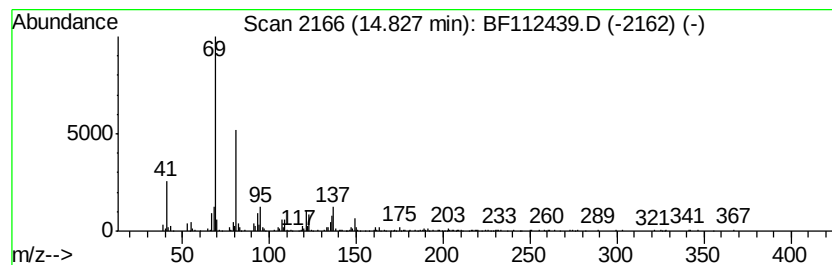
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.94 ng	227574	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
4		trans-Farnesol	222	C15H26O	000106-28-5	72
5		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112439.D
Acq On : 7 Feb 2019 15:45
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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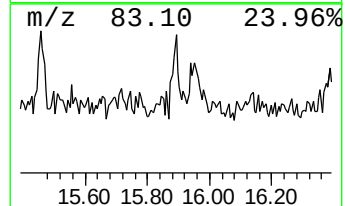
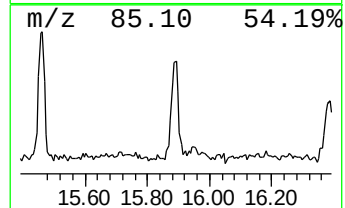
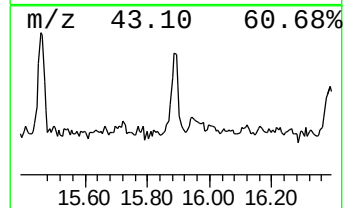
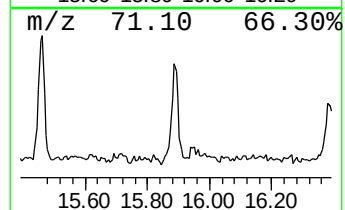
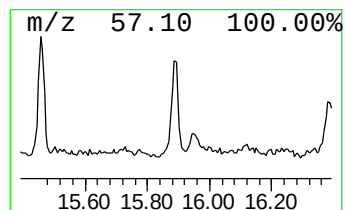
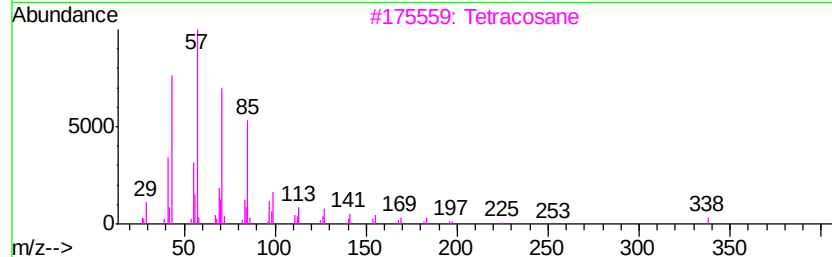
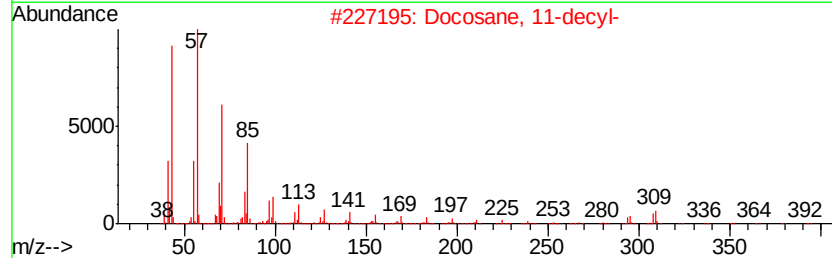
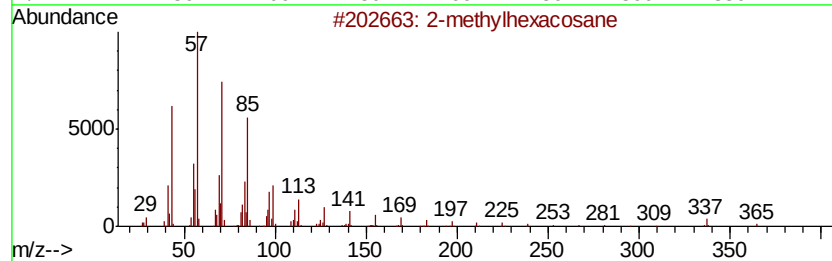
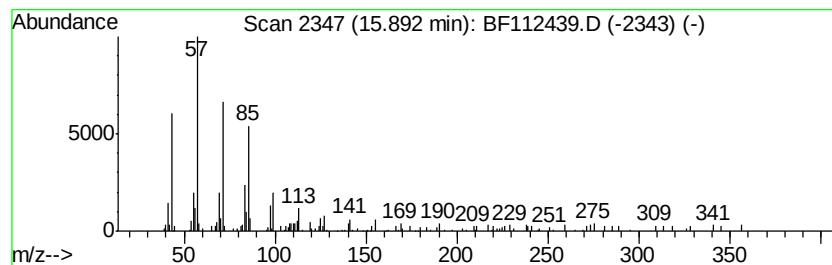
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-methylhexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.24 ng	102965	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methylhexacosane	380	C27H56	1000376-72-7	90
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Triacontane	422	C30H62	000638-68-6	83
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
Data File : BF112439.D
Acq On : 7 Feb 2019 15:45
Operator : JU/SJ
Sample : K1389-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-7-S

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	3.4	ng	138853	1	6.83	809008	20.0
2-Pentanone, 4-hy...	5.06	3.8	ng	153222	1	6.83	809008	20.0
unknown6.61	6.61	83.4	ng	3374990	1	6.83	809008	20.0
Hexadecanoic acid...	11.74	3.1	ng	168715	4	11.36	1103730	20.0
n-Hexadecanoic acid	11.87	4.0	ng	220781	4	11.36	1103730	20.0
9,12-Octadecadien...	12.42	11.3	ng	623370	4	11.36	1103730	20.0
14-Octadecenoic a...	12.44	8.7	ng	480561	4	11.36	1103730	20.0
Trifluoroacetoxy ...	13.83	6.2	ng	289216	5	14.00	926739	20.0
Hexacosane	14.14	2.1	ng	95618	5	14.00	926739	20.0
Heneicosane	14.45	2.7	ng	126710	5	14.00	926739	20.0
Squalene	14.83	4.9	ng	227574	6	15.47	920443	20.0
2-methylhexacosane	15.89	2.2	ng	102965	6	15.47	920443	20.0