

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
 Data File : BF118780.D
 Acq On : 31 Jan 2020 14:28
 Operator : CG/JU
 Sample : L1320-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-367

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-BF012020.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	18	rVB	617547	824960	10.44%	1.357%
2	2.234	20	25	35	rVB	88419	129938	1.64%	0.214%
3	5.051	501	504	512	rVB	134261	166764	2.11%	0.274%
4	5.451	567	572	575	rBV	5507666	5620387	71.10%	9.247%
5	6.457	737	743	755	rBV	5157394	6005149	75.97%	9.880%
6	6.828	802	806	809	rBV	1829874	1652792	20.91%	2.719%
7	6.986	828	833	836	rBV	5242912	5124800	64.83%	8.432%
8	7.386	895	901	904	rBV	3970847	3928134	49.69%	6.463%
9	8.110	1019	1024	1027	rBV	2336119	2207518	27.93%	3.632%
10	9.186	1201	1207	1210	rBV	8265428	7904813	100.00%	13.006%
11	9.575	1270	1273	1276	rBV	558372	424998	5.38%	0.699%
12	9.863	1315	1322	1326	rBV	3204475	2706059	34.23%	4.452%
13	10.651	1451	1456	1459	rBV	5364779	5061082	64.03%	8.327%
14	10.774	1474	1477	1484	rVB3	48091	84470	1.07%	0.139%
15	11.345	1570	1574	1577	rBV	2784871	2538587	32.11%	4.177%
16	11.416	1581	1586	1590	rVB3	67182	84395	1.07%	0.139%
17	11.874	1661	1664	1675	rBV	583534	655999	8.30%	1.079%
18	12.557	1777	1780	1783	rBV	112607	102510	1.30%	0.169%
19	12.663	1795	1798	1808	rBV2	120583	160382	2.03%	0.264%
20	12.933	1839	1844	1847	rBV	7641565	7244706	91.65%	11.920%
21	13.827	1993	1996	2004	rBV	874685	1043887	13.21%	1.717%
22	13.980	2016	2022	2026	rBV2	1892365	2460402	31.13%	4.048%
23	14.151	2048	2051	2057	rBV	157610	167960	2.12%	0.276%
24	14.457	2100	2103	2109	rBV2	249063	269625	3.41%	0.444%
25	14.762	2151	2155	2159	rVB	293590	284934	3.60%	0.469%
26	14.839	2165	2168	2174	rVB	171615	169349	2.14%	0.279%
27	15.092	2207	2211	2216	rBV	289130	361378	4.57%	0.595%
28	15.433	2264	2269	2273	rBV	1396621	1797298	22.74%	2.957%
29	15.468	2273	2275	2281	rVB	280973	356288	4.51%	0.586%
30	15.903	2344	2349	2354	rBV	202895	304631	3.85%	0.501%
31	15.951	2354	2357	2365	rBV5	84582	175987	2.23%	0.290%
32	16.398	2429	2433	2444	rVB3	110973	263913	3.34%	0.434%
33	16.651	2473	2476	2484	rVB2	48033	83792	1.06%	0.138%
34	17.186	2561	2567	2581	rVB	161675	412051	5.21%	0.678%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

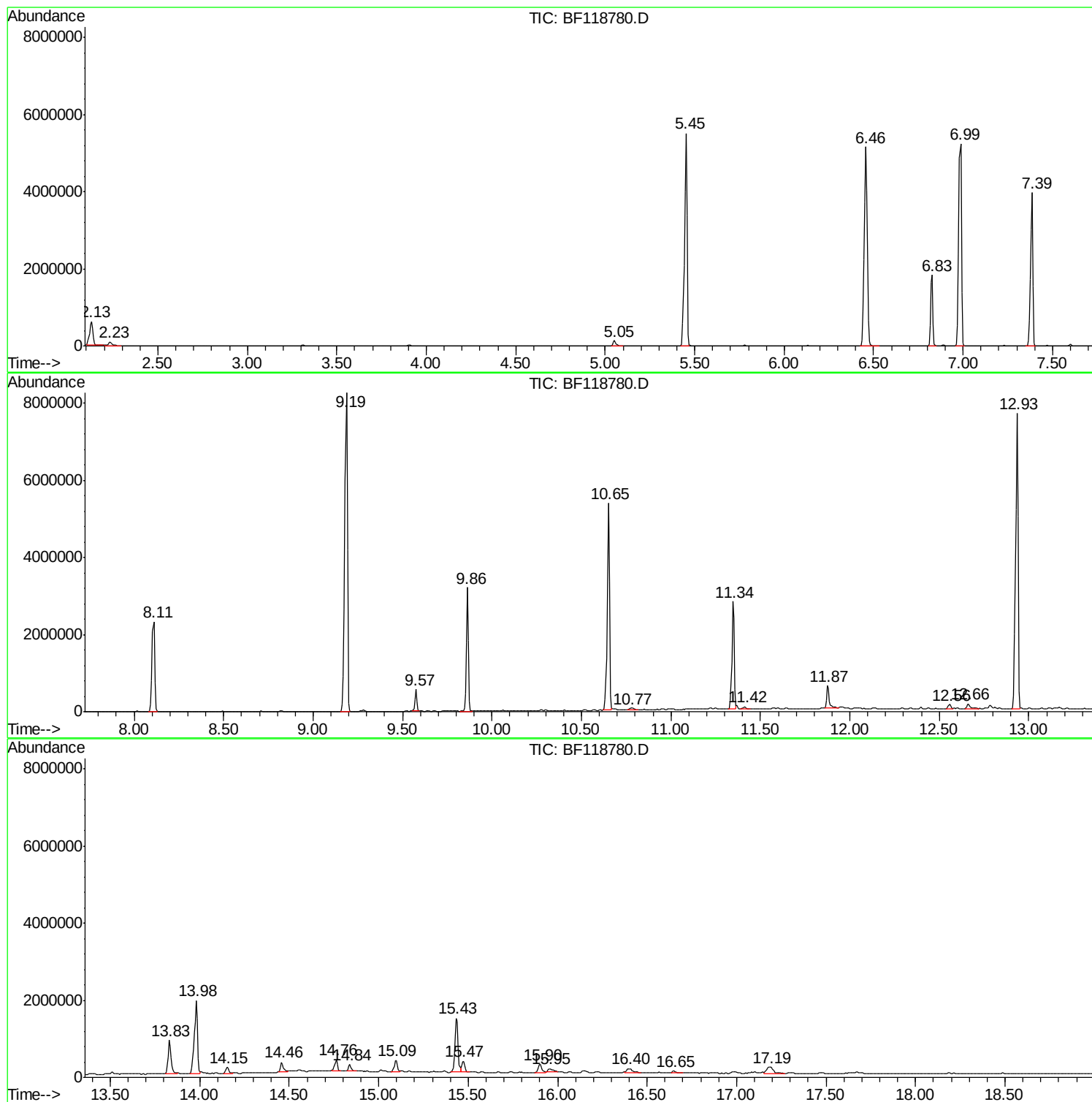
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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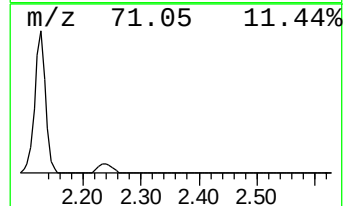
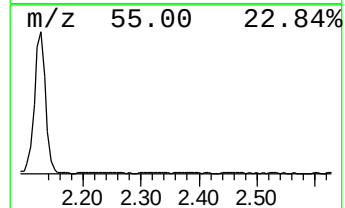
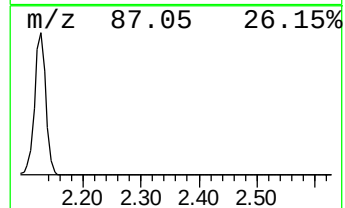
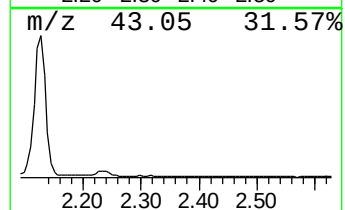
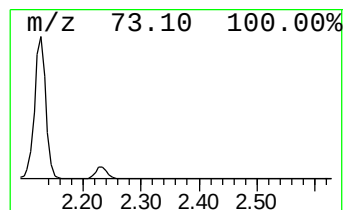
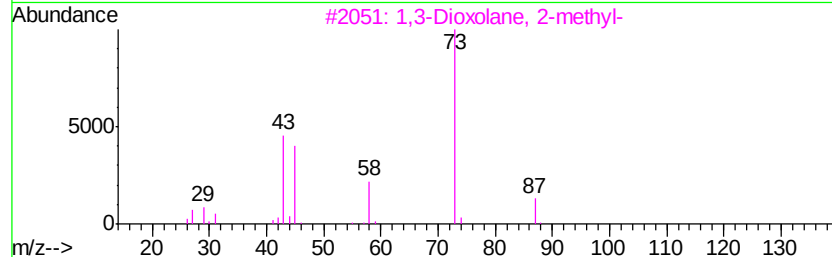
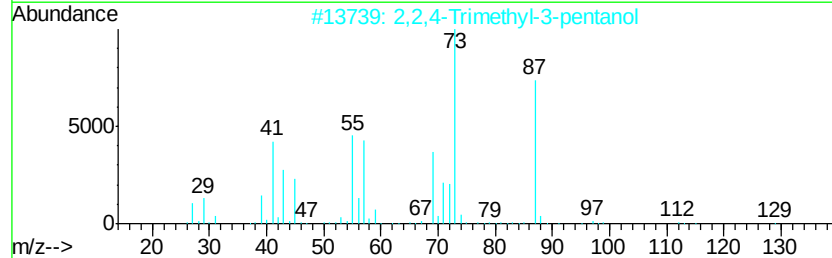
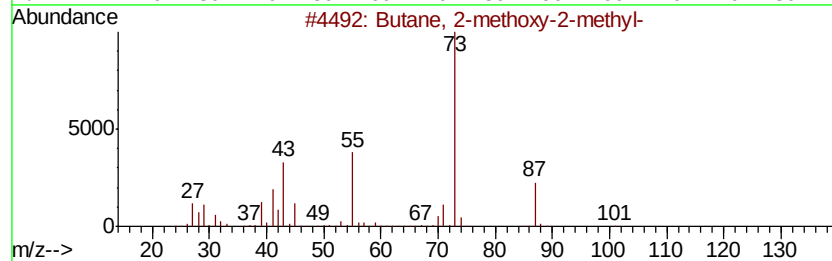
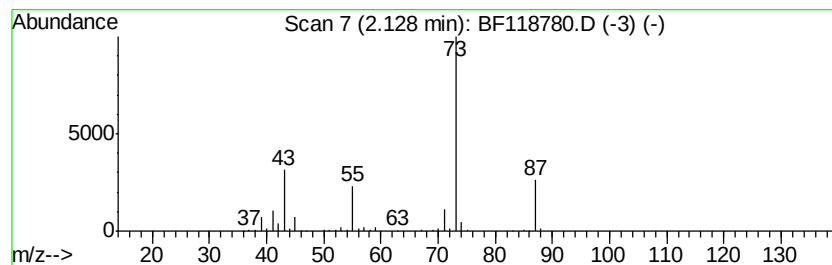
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	9.98 ng	824960	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	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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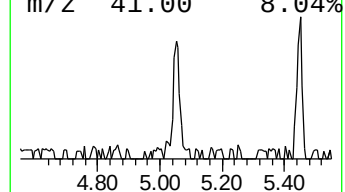
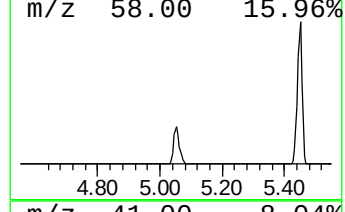
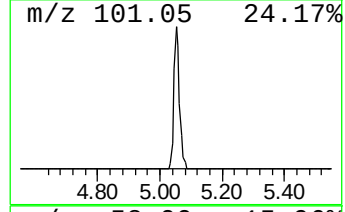
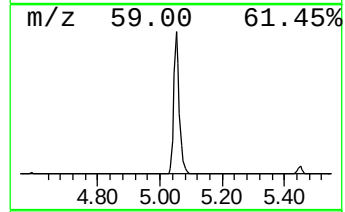
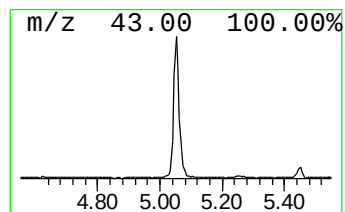
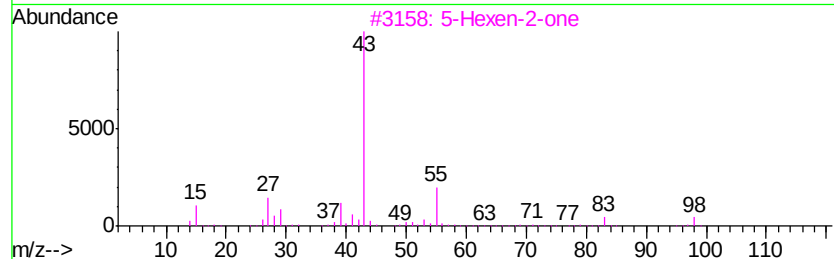
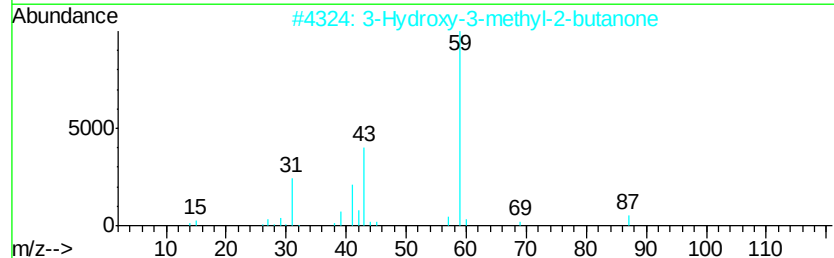
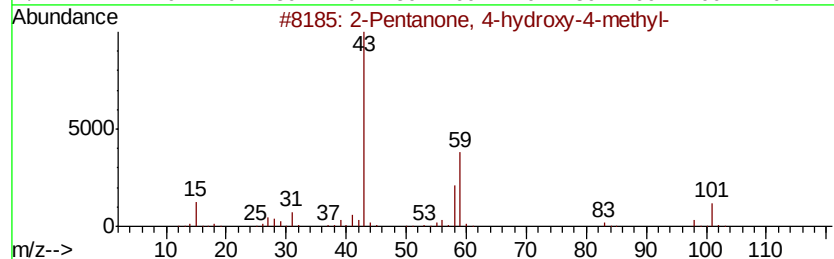
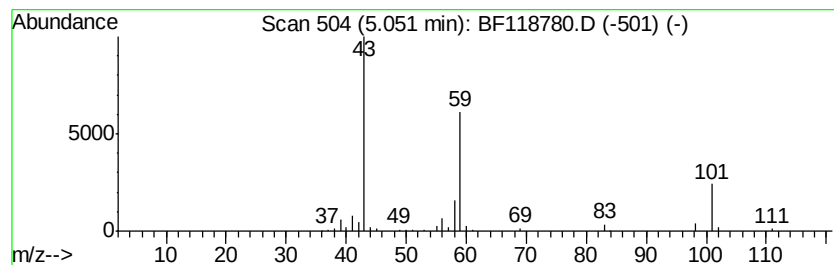
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.05	2.02 ng	166764	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	40	
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12	
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9	



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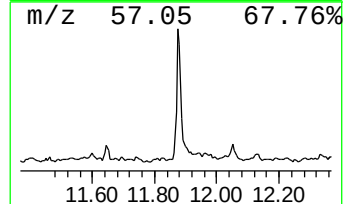
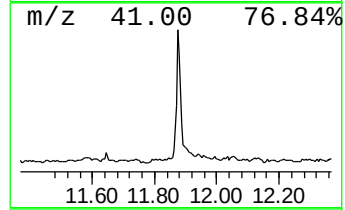
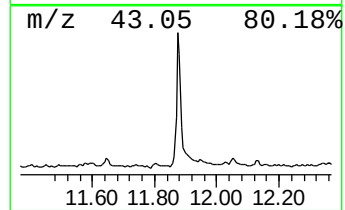
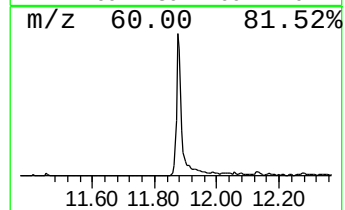
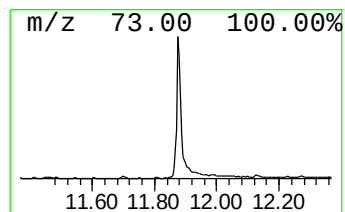
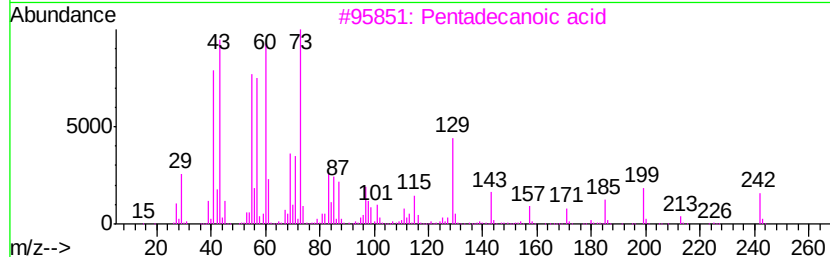
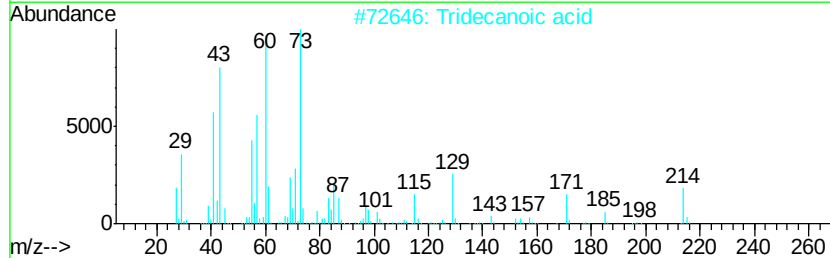
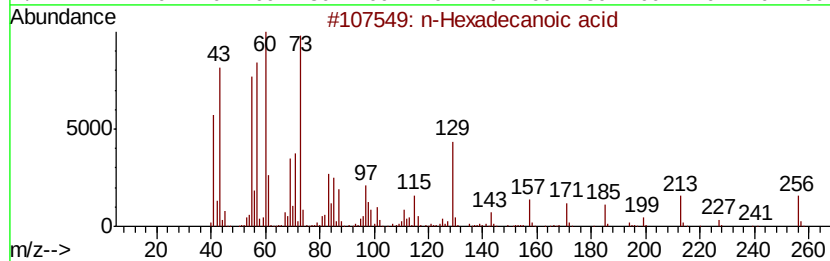
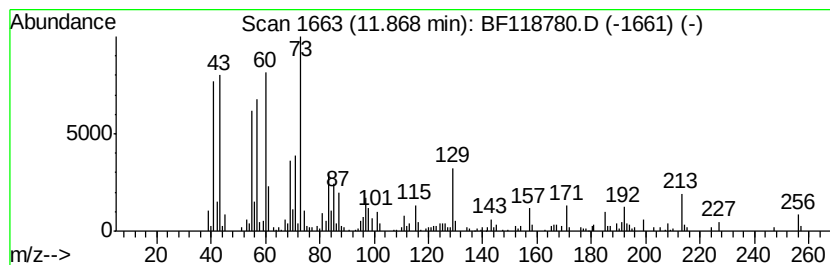
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.17 ng	655999	Phenanthrene-d10	11.35

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	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Dodecanoic acid	200	C12H24O2	000143-07-7	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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ALS Vial : 8 Sample Multiplier: 1

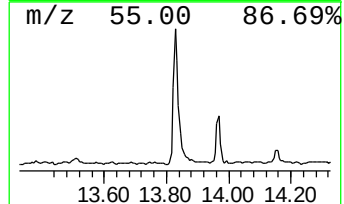
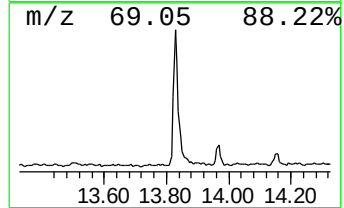
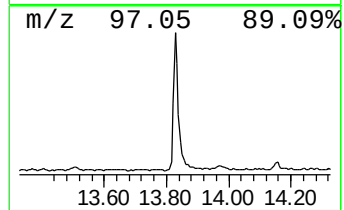
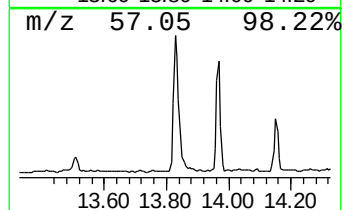
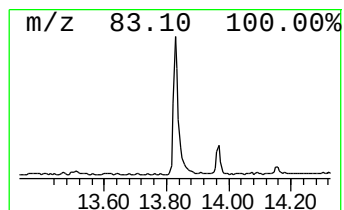
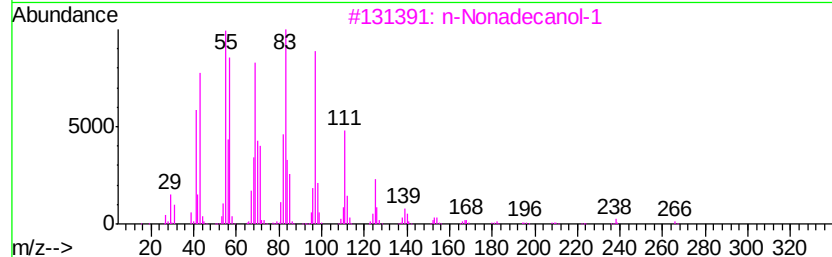
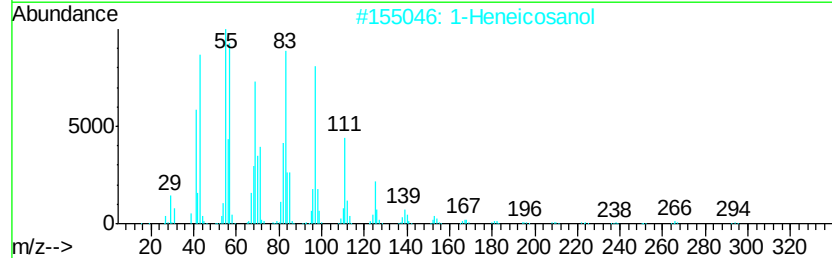
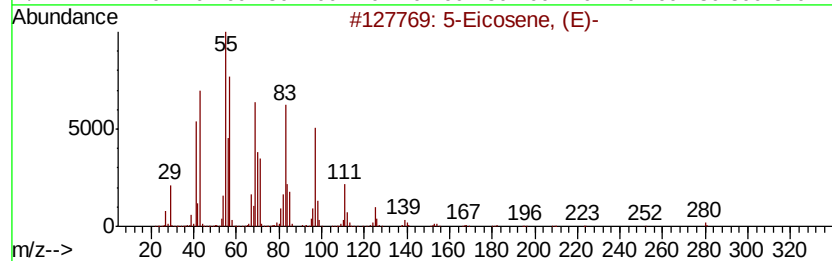
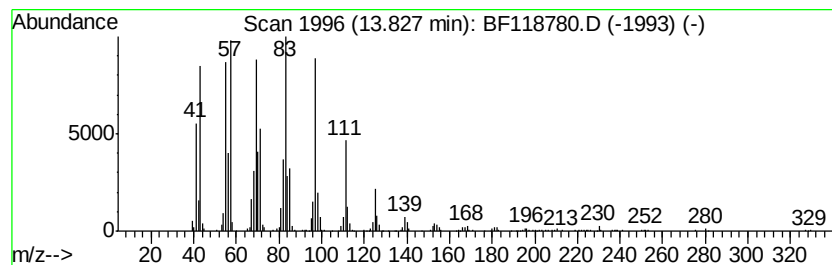
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.49 ng	1043890	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	99
2	1-Heneicosanol	312 C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284 C19H40O	001454-84-8	94
4	Cyclopentadecane	210 C15H30	000295-48-7	93
5	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	93



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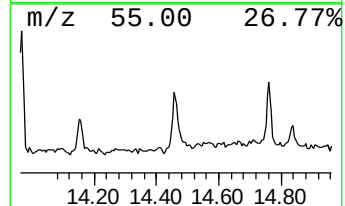
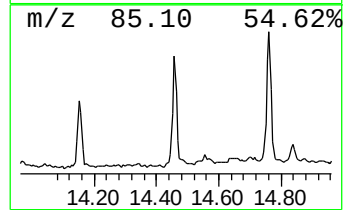
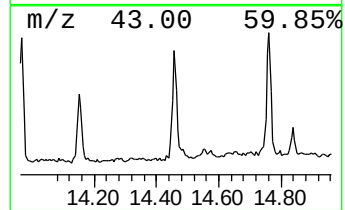
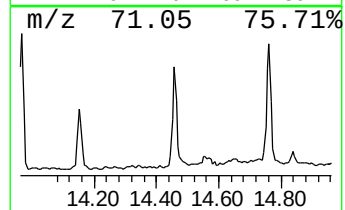
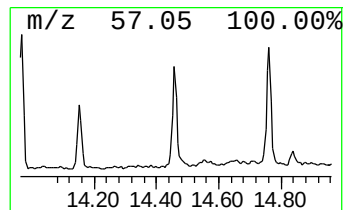
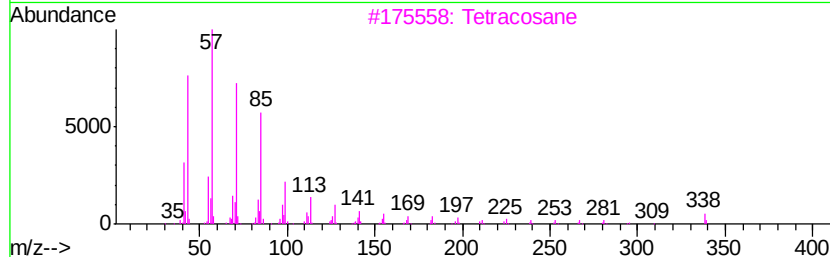
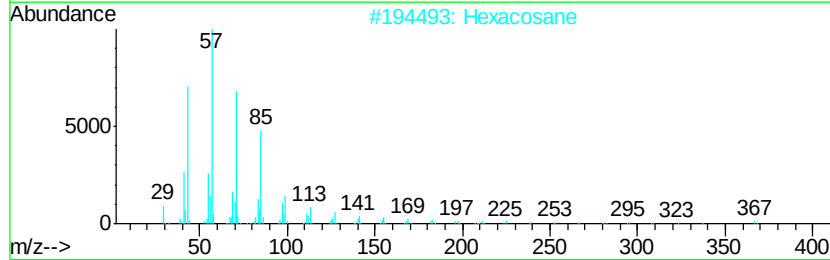
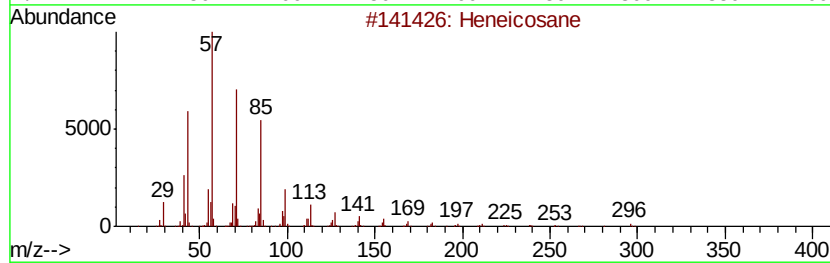
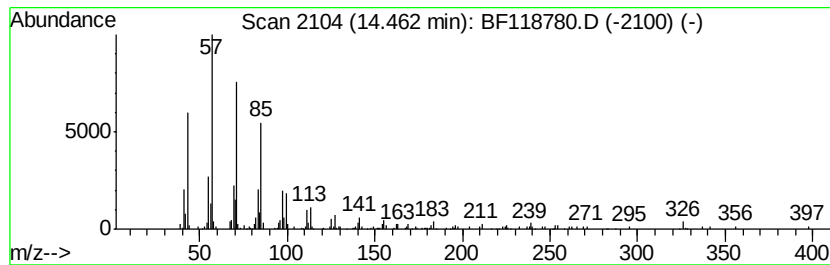
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.19 ng	269625	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Docosane	310	C22H46	000629-97-0	87



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ETGI-367

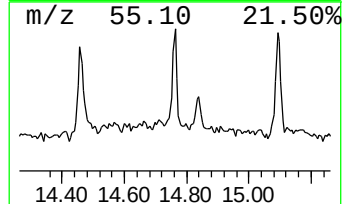
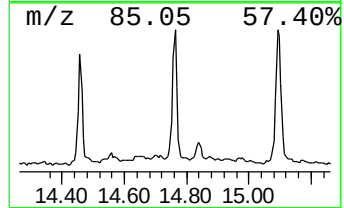
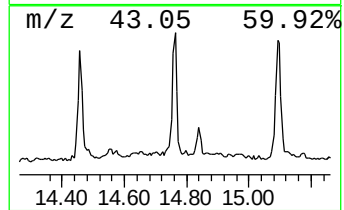
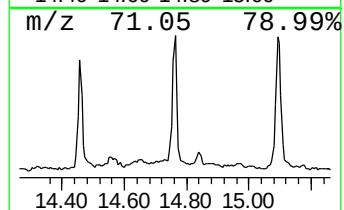
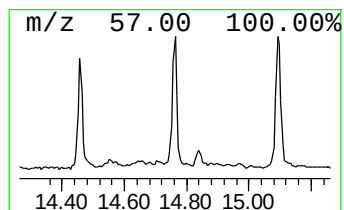
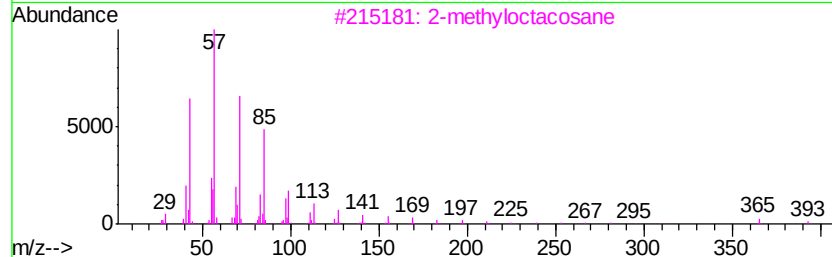
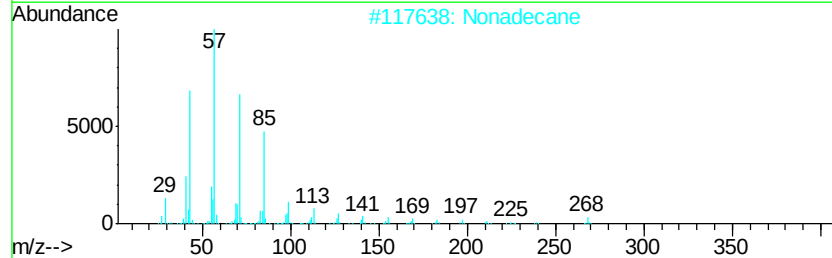
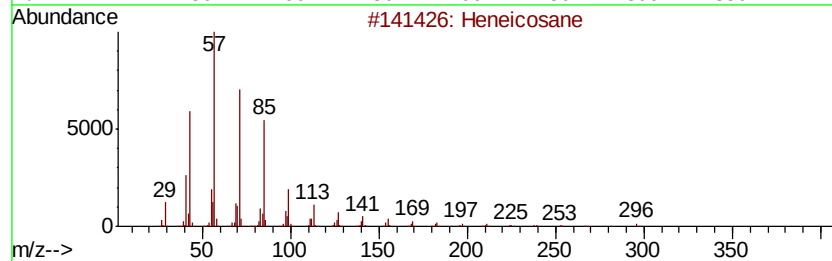
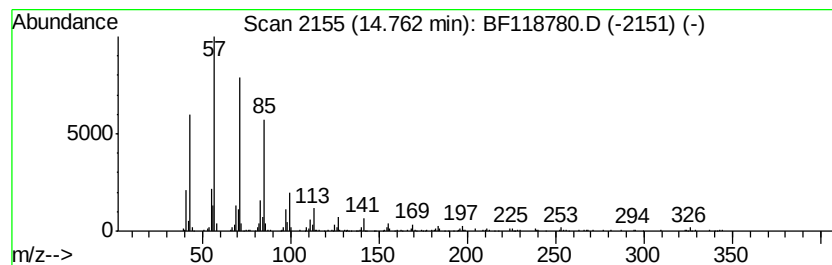
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.17 ng	284934	Perylene-d12	15.43

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118780.D
Acq On : 31 Jan 2020 14:28
Operator : CG/JU
Sample : L1320-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

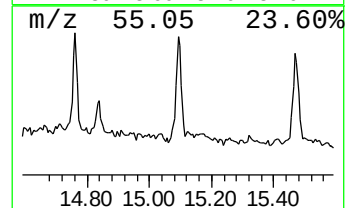
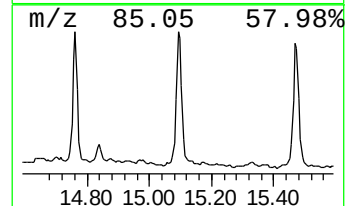
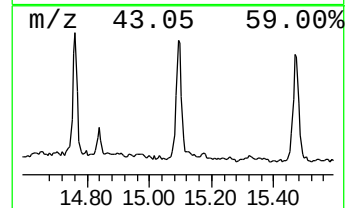
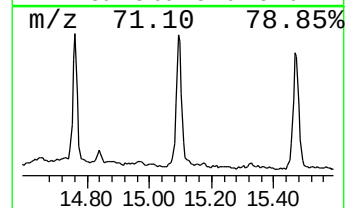
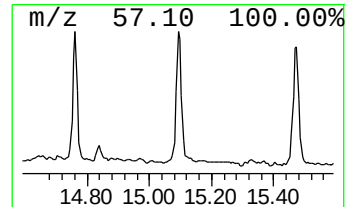
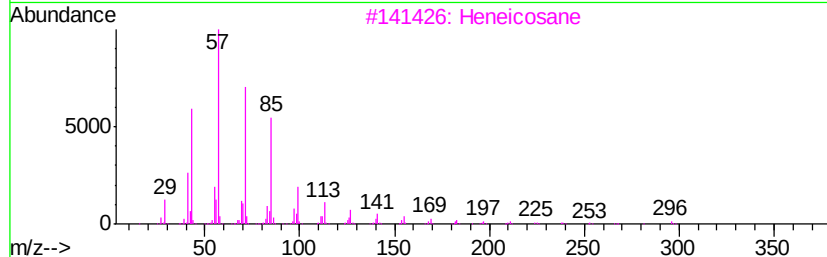
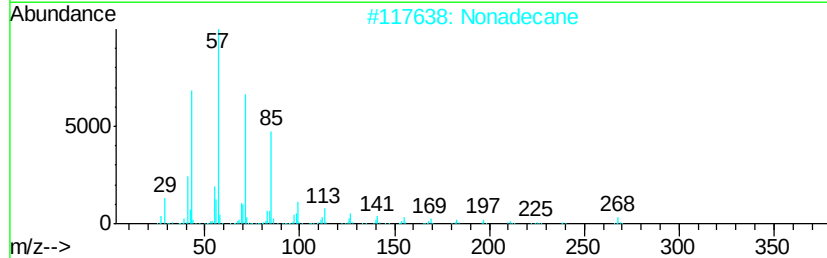
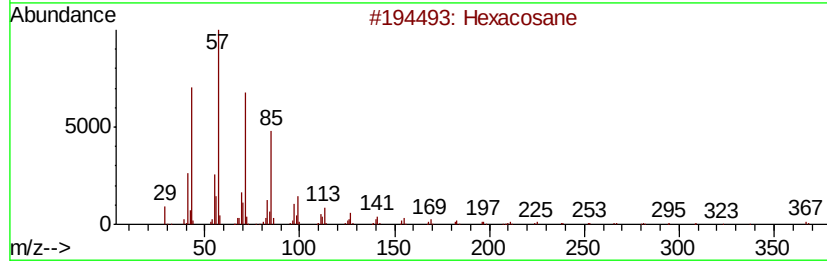
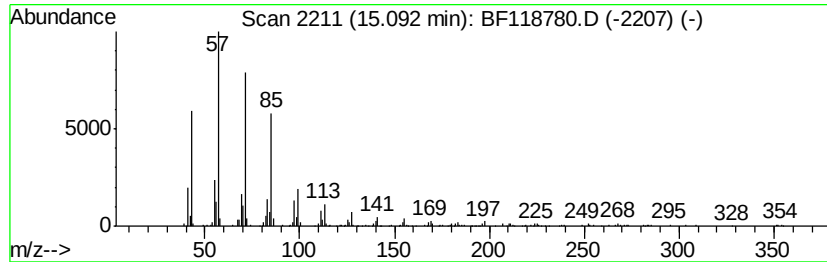
Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.09	4.02 ng	361378	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
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Acq On : 31 Jan 2020 14:28
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Sample : L1320-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

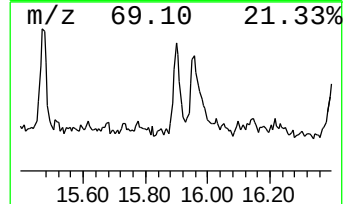
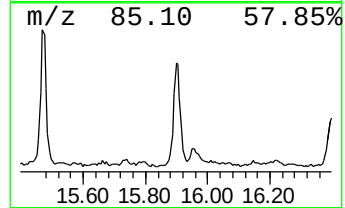
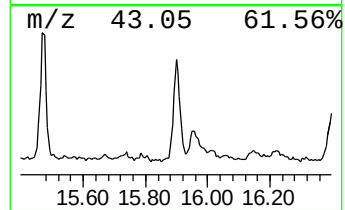
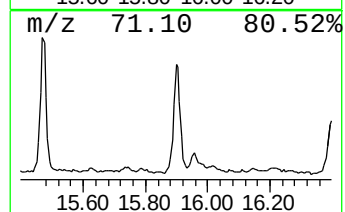
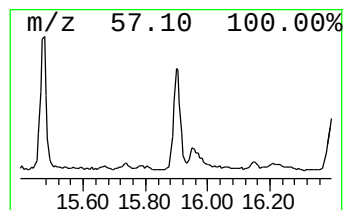
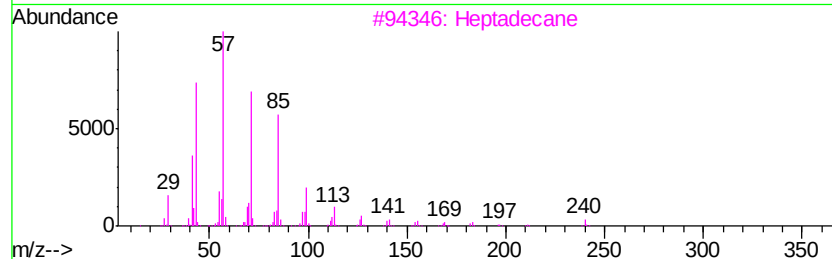
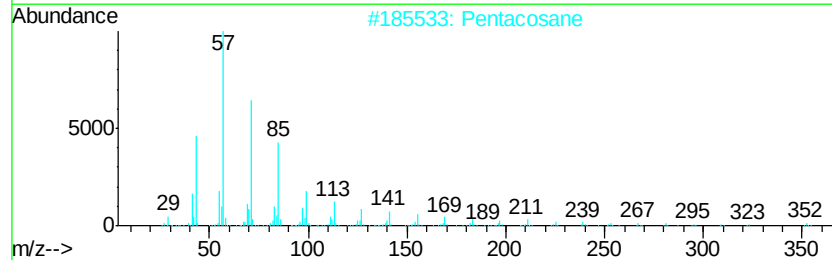
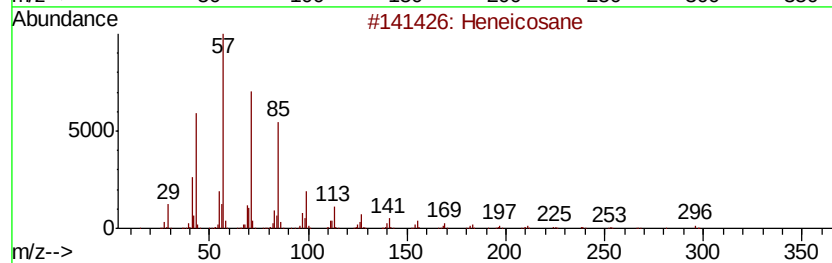
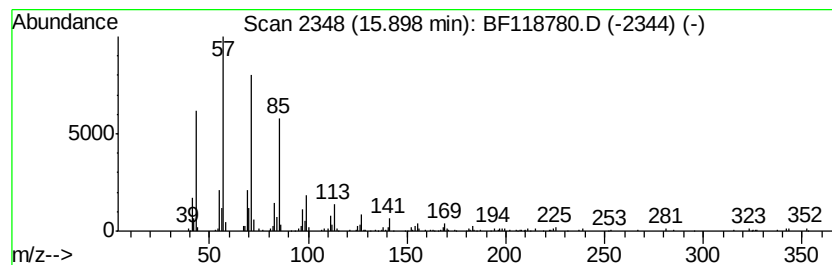
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.90	3.39 ng	304631	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	97
2	Pentacosane	352 C25H52	000629-99-2	95
3	Heptadecane	240 C17H36	000629-78-7	94
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	93
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118780.D
Acq On : 31 Jan 2020 14:28
Operator : CG/JU
Sample : L1320-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

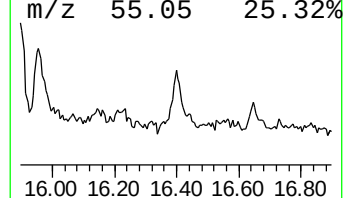
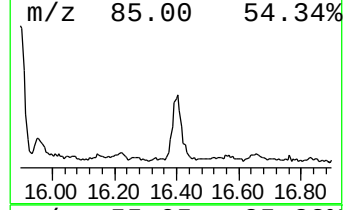
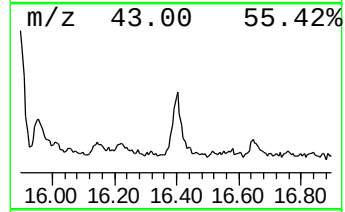
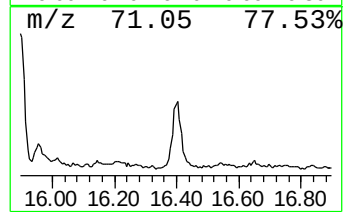
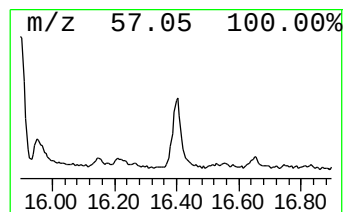
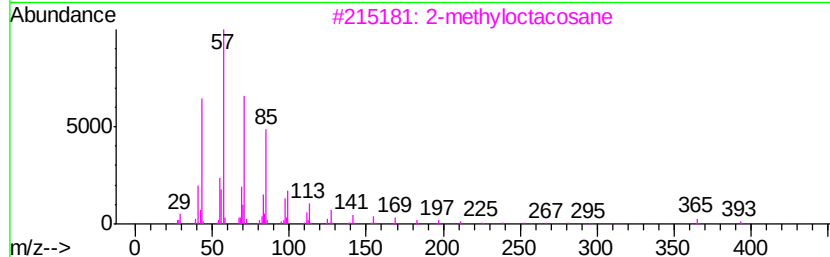
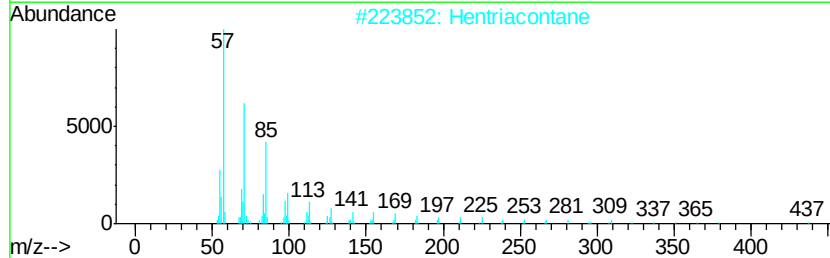
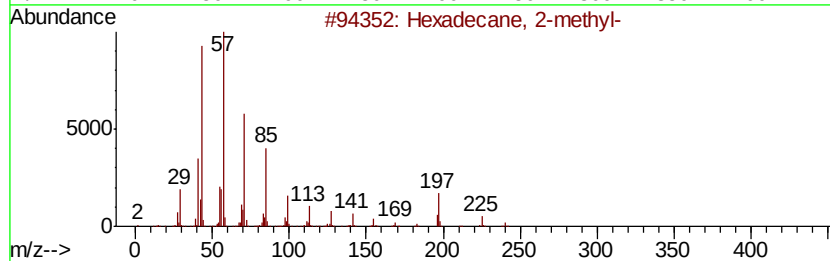
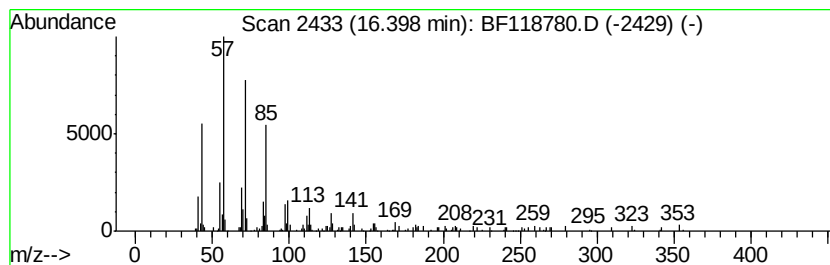
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.94 ng	263913	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5 91
2	Hentriacontane	437	C31H64	000630-04-6 91
3	2-methyloctacosane	408	C29H60	1000376-72-8 91
4	Hexacosane	366	C26H54	000630-01-3 91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118780.D
Acq On : 31 Jan 2020 14:28
Operator : CG/JU
Sample : L1320-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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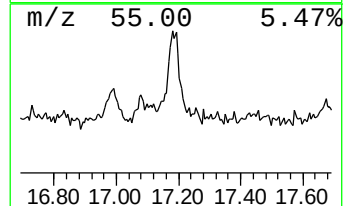
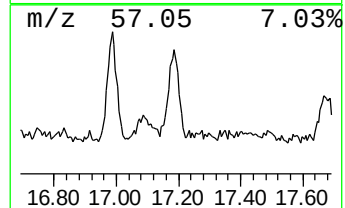
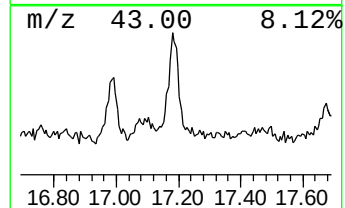
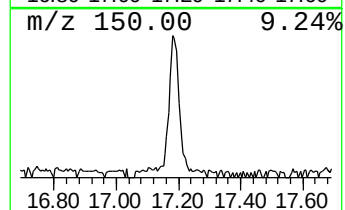
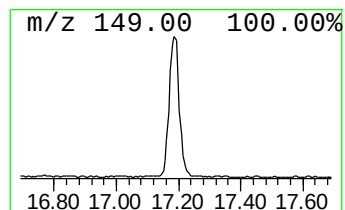
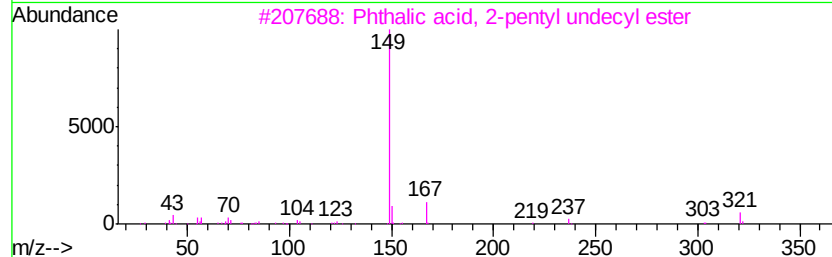
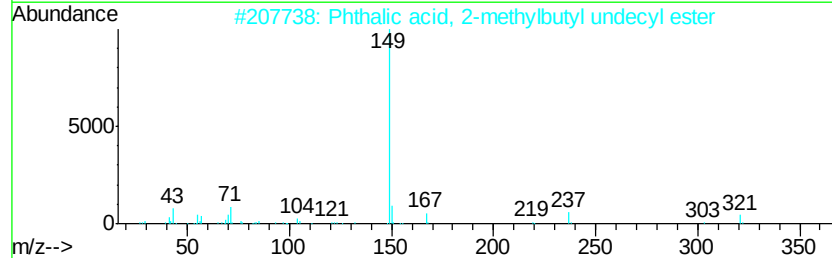
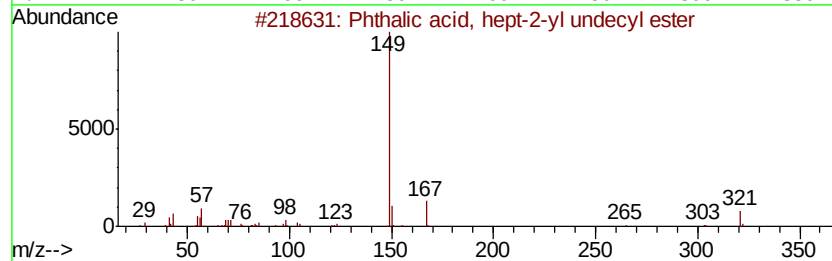
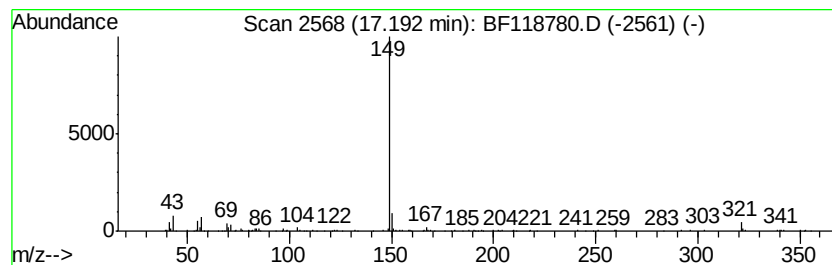
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phthalic acid, hept-2-yl un... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	4.59 ng	412051	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, hept-2-yl undecyl...	418	C26H42O4	1000356-97-8	80
2		Phthalic acid, 2-methylbutyl und...	390	C24H38O4	1000322-81-9	80
3		Phthalic acid, 2-pentyl undecyl ...	390	C24H38O4	1000315-48-3	72
4		Phthalic acid, (2-chlorocyclohex...	450	C26H39ClO4	1000315-34-9	72
5		Phthalic acid, 2-ethylbutyl unde...	404	C25H40O4	1000356-89-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118780.D
Acq On : 31 Jan 2020 14:28
Operator : CG/JU
Sample : L1320-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.13	10.0	ng	824960	1	6.83	1652790	20.0
2-Pentanone, 4-hy...	5.05	2.0	ng	166764	1	6.83	1652790	20.0
n-Hexadecanoic acid	11.87	5.2	ng	655999	4	11.35	2538590	20.0
5-Eicosene, (E)-	13.83	8.5	ng	1043890	5	13.98	2460400	20.0
Heneicosane	14.46	2.2	ng	269625	5	13.98	2460400	20.0
Nonadecane	14.76	3.2	ng	284934	6	15.43	1797300	20.0
Hexacosane	15.09	4.0	ng	361378	6	15.43	1797300	20.0
Pentacosane	15.90	3.4	ng	304631	6	15.43	1797300	20.0
Hexadecane, 2-met...	16.40	2.9	ng	263913	6	15.43	1797300	20.0
Phthalic acid, he...	17.19	4.6	ng	412051	6	15.43	1797300	20.0