

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119693.D
 Acq On : 2 Apr 2020 3:30
 Operator : MA/SJ
 Sample : L2089-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)

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-BF031820.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	2.187	13	17	24	rVB	103395	143859	1.94%	0.238%
2	5.028	491	500	509	rVB	236717	311226	4.19%	0.515%
3	5.428	562	568	571	rBV	5992948	6097447	82.12%	10.091%
4	6.439	734	740	743	rBV	5351763	6147543	82.79%	10.174%
5	6.634	770	773	780	rBV	137402	114404	1.54%	0.189%
6	6.810	799	803	806	rBV	1651590	1302641	17.54%	2.156%
7	6.969	825	830	833	rBV	5444405	4702564	63.33%	7.783%
8	7.375	893	899	902	rBV	4088808	4090040	55.08%	6.769%
9	8.092	1017	1021	1025	rBV	2027084	1747169	23.53%	2.892%
10	9.175	1199	1205	1208	rBV	7443838	7285898	98.12%	12.058%
11	9.292	1220	1225	1228	rBV	1073415	968563	13.04%	1.603%
12	9.563	1265	1271	1275	rBV	1054983	956068	12.88%	1.582%
13	9.851	1314	1320	1323	rBV	2459825	2072556	27.91%	3.430%
14	10.433	1416	1419	1428	rBV	251915	254470	3.43%	0.421%
15	10.645	1448	1455	1458	rBV	4569781	4978641	67.05%	8.240%
16	11.339	1568	1573	1576	rBV	2698209	2252606	30.34%	3.728%
17	11.869	1659	1663	1673	rBV	1169662	1241915	16.73%	2.055%
18	12.551	1776	1779	1782	rBV	86180	109111	1.47%	0.181%
19	12.592	1782	1786	1793	rVB3	124882	158400	2.13%	0.262%
20	12.657	1793	1797	1808	rBV	871157	892601	12.02%	1.477%
21	12.933	1838	1844	1847	rBV	7415249	7425124	100.00%	12.289%
22	13.163	1877	1883	1888	rBV3	46134	83049	1.12%	0.137%
23	13.410	1921	1925	1930	rVB	112623	109429	1.47%	0.181%
24	13.833	1993	1997	2010	rBV	332303	548058	7.38%	0.907%
25	13.980	2016	2022	2025	rBV	2305851	2175055	29.29%	3.600%
26	14.151	2047	2051	2055	rBV	179733	152102	2.05%	0.252%
27	14.457	2099	2103	2106	rBV	294070	249875	3.37%	0.414%
28	14.762	2151	2155	2159	rVB	344171	348295	4.69%	0.576%
29	15.098	2207	2212	2219	rBV	371230	433436	5.84%	0.717%
30	15.433	2263	2269	2273	rBV	1621424	2018408	27.18%	3.341%
31	15.474	2273	2276	2283	rVB	338218	399591	5.38%	0.661%
32	15.909	2344	2350	2355	rBV	225361	332135	4.47%	0.550%
33	16.409	2429	2435	2444	rVB2	124063	208616	2.81%	0.345%
34	16.998	2528	2535	2542	rBV3	51725	110860	1.49%	0.183%

LSC Area Percent Report

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ClientSampleId :
SB-3J-(5-7)

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

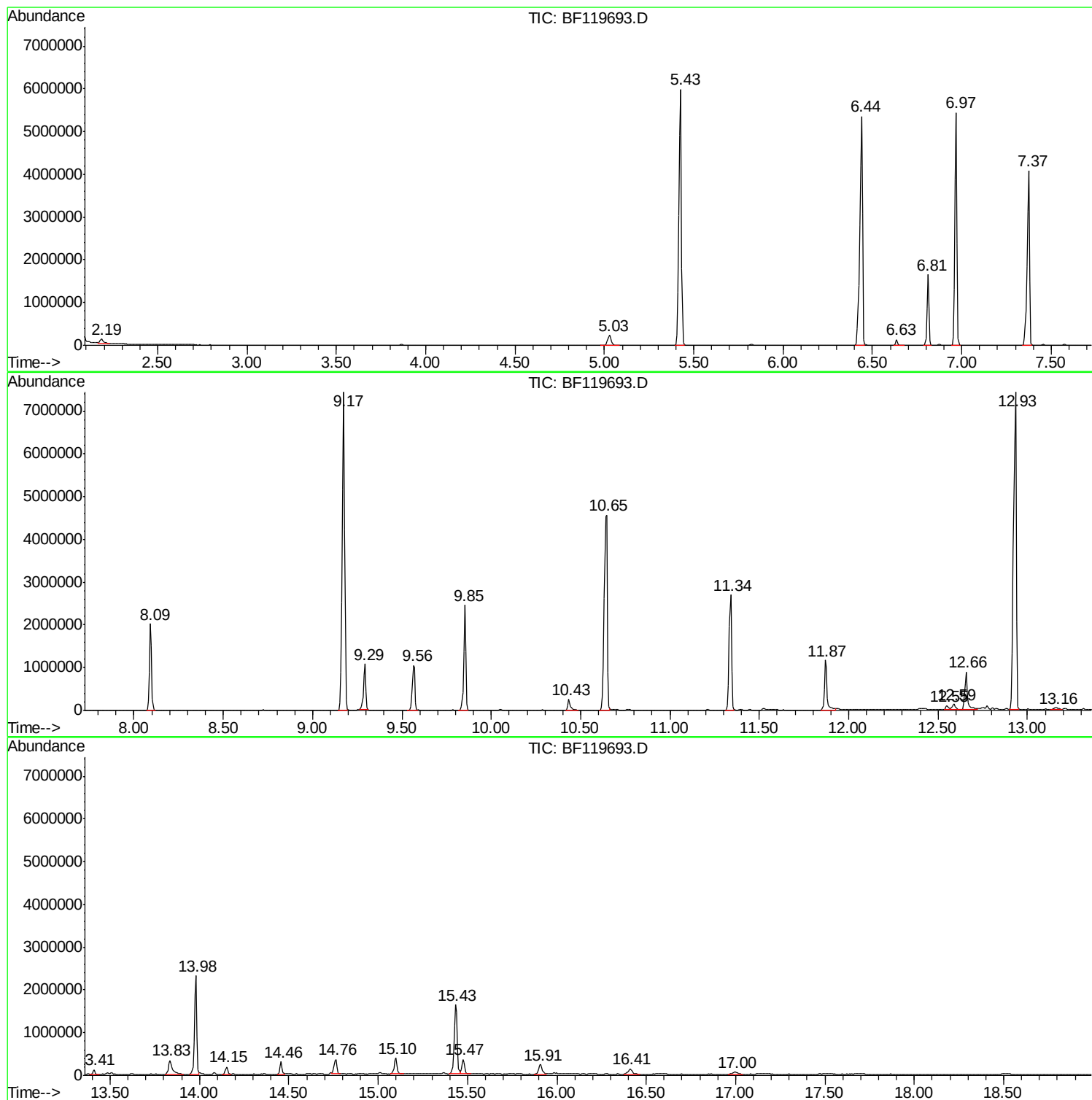
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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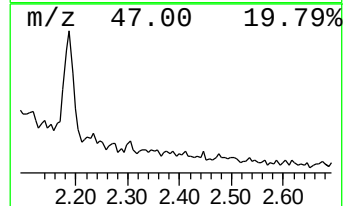
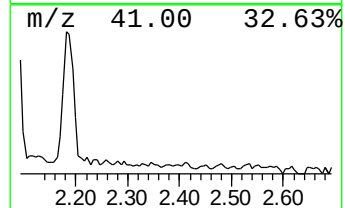
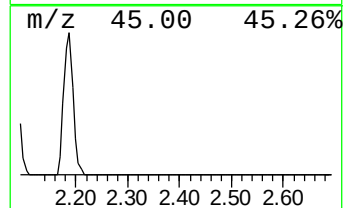
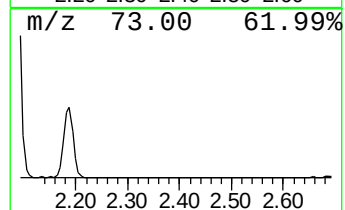
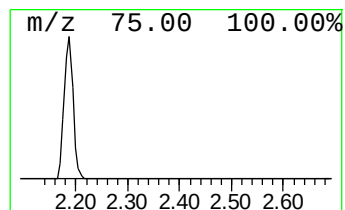
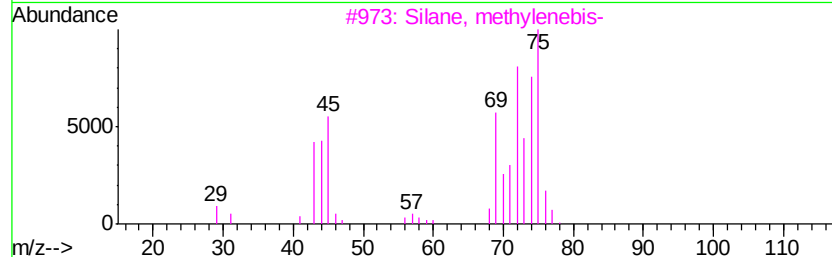
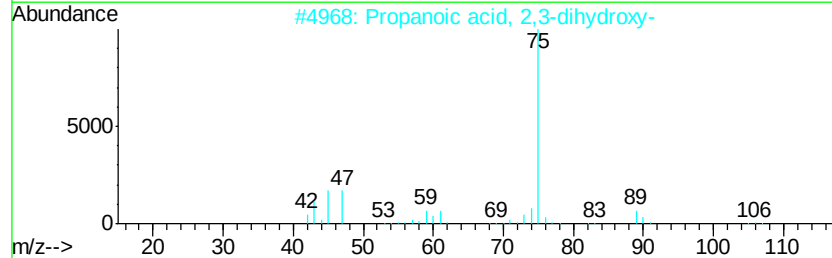
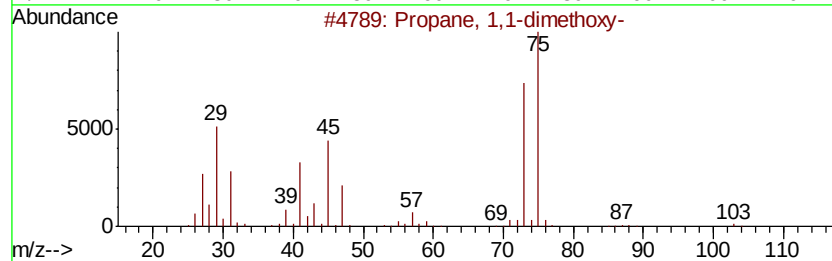
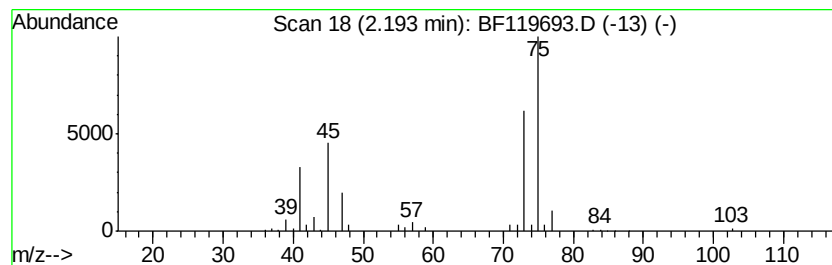
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.21 ng	143859	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2			Propanoic acid, 2,3-dihydroxy-	106	C3H6O4	000473-81-4	36
3			Silane, methylenebis-	76	CH8Si2	001759-88-2	9
4			Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
5			Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	9



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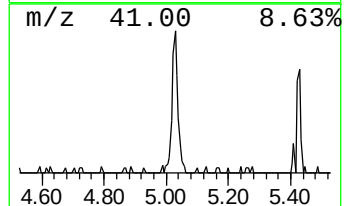
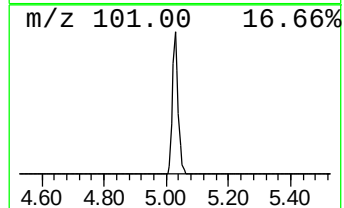
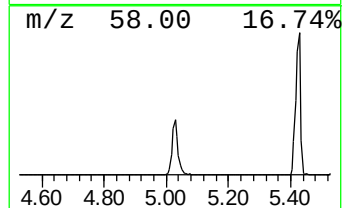
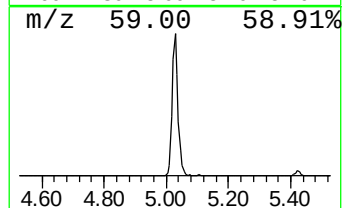
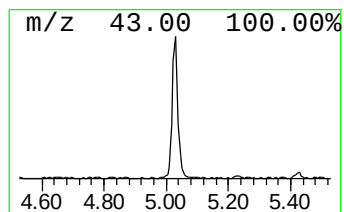
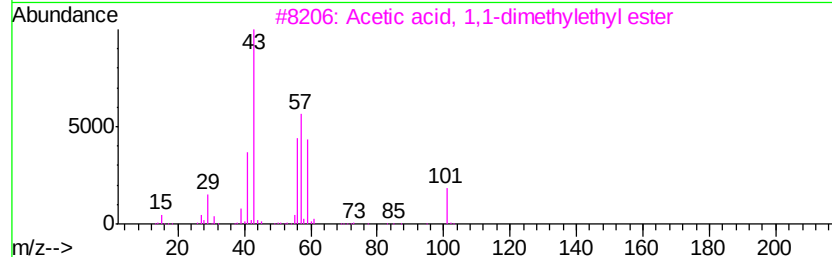
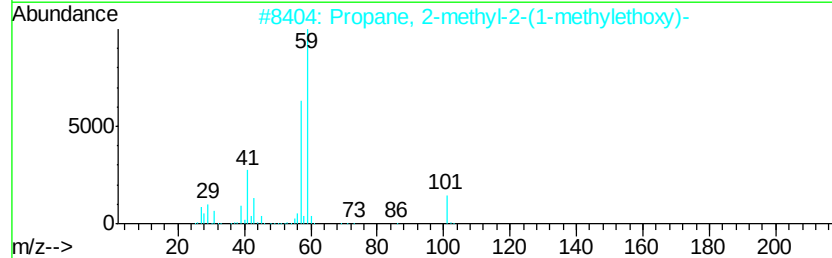
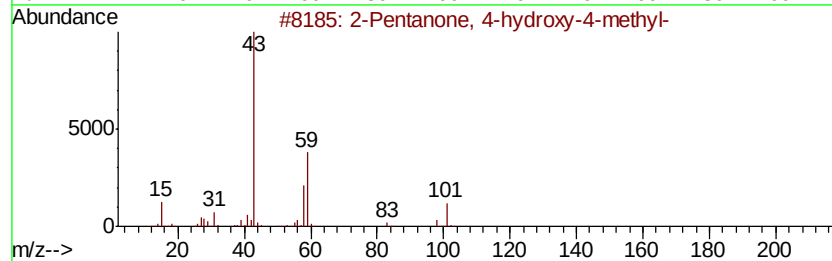
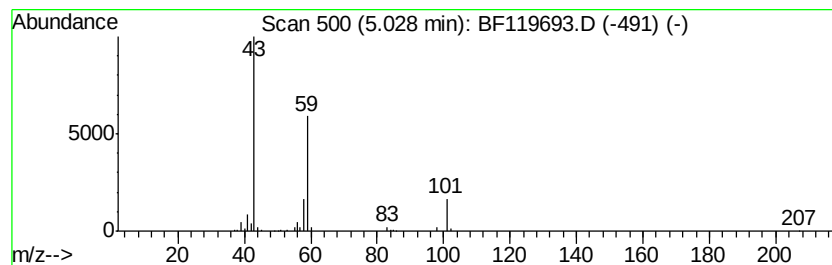
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.78 ng	311226	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	39
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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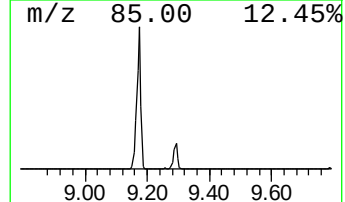
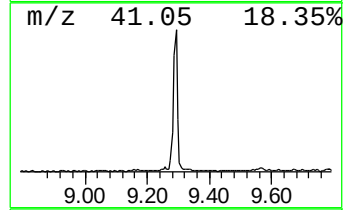
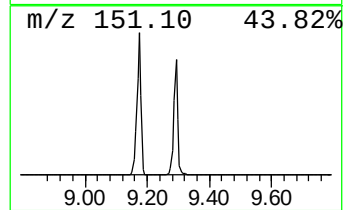
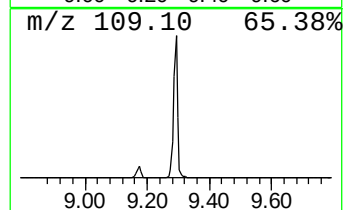
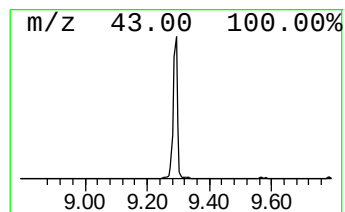
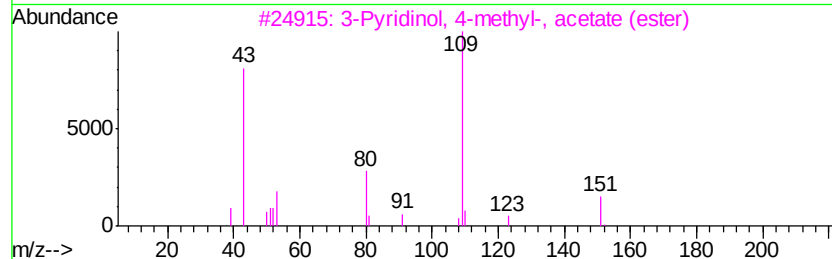
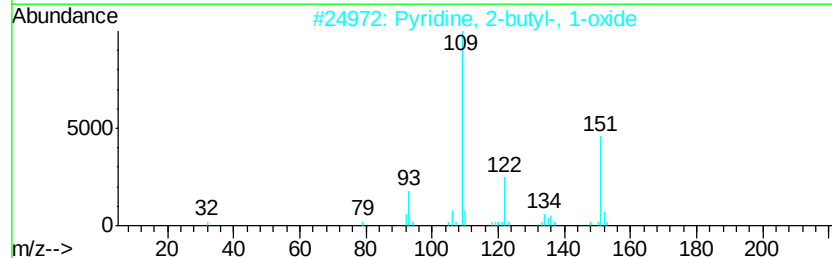
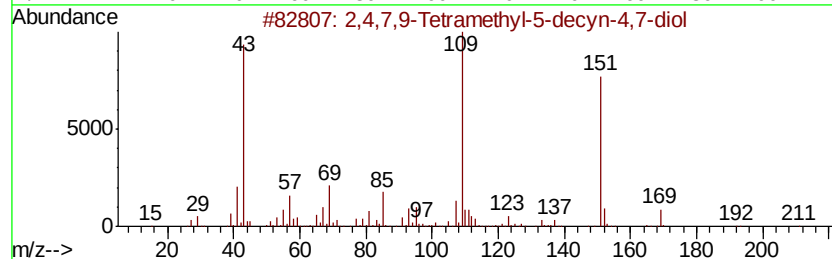
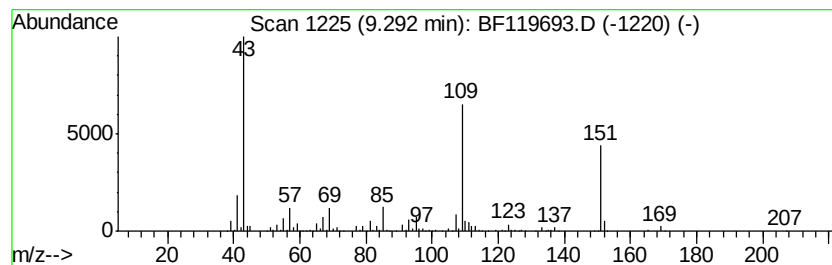
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.29	9.35 ng	968563	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	32



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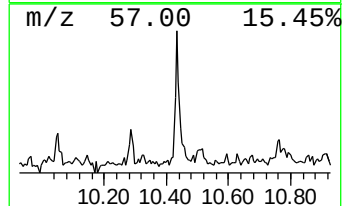
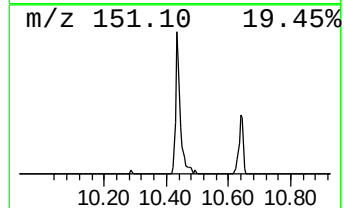
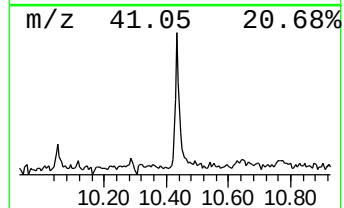
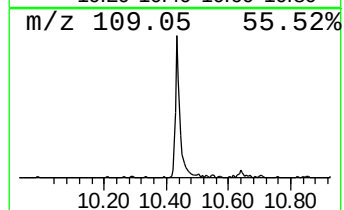
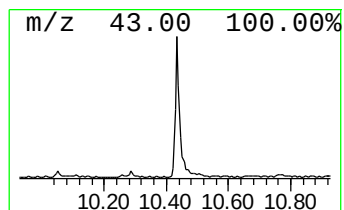
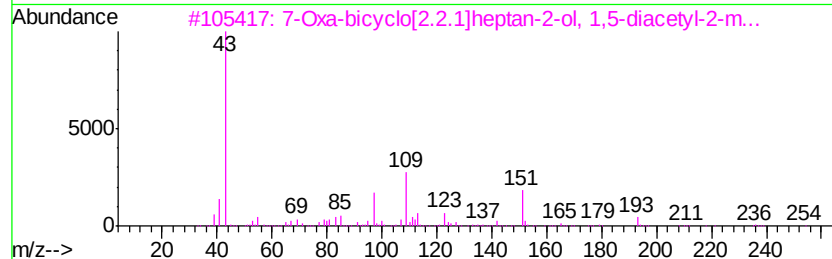
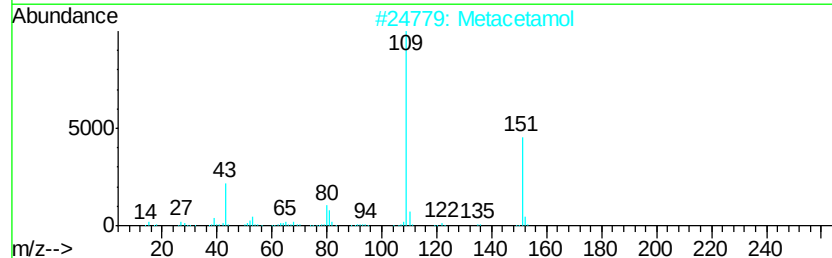
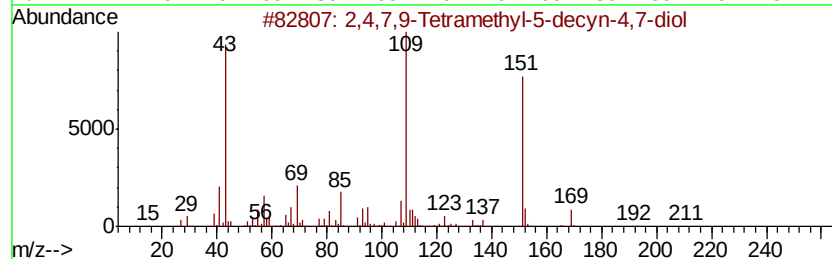
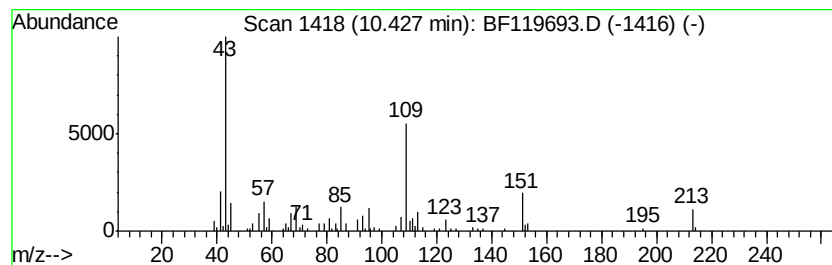
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown10.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.46 ng	254470	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53		
2	Metacetamol	151	C8H9NO2	000621-42-1	38		
3	7-Oxa-bicyclo[2.2.1]heptan-2-ol, ...	254	C14H22O4	329362-13-2	37		
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	35		
5	Ethanone, 1-(4,5-diethyl-2-methy...	180	C12H20O	062338-24-3	35		



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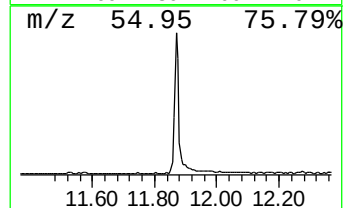
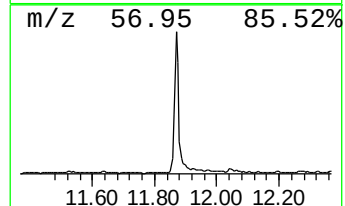
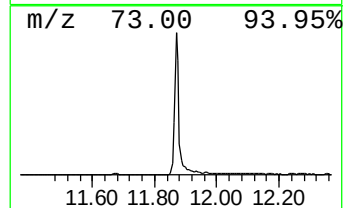
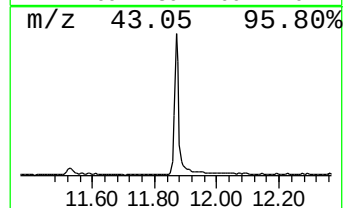
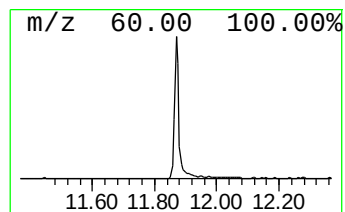
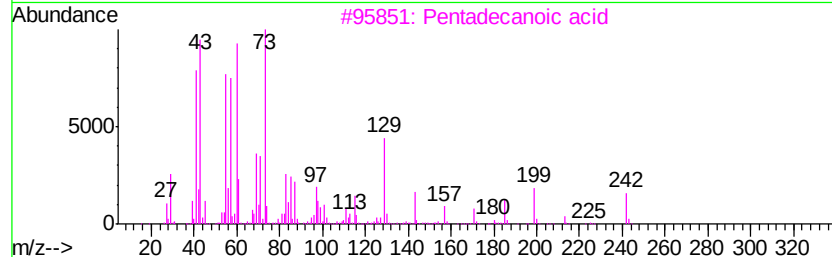
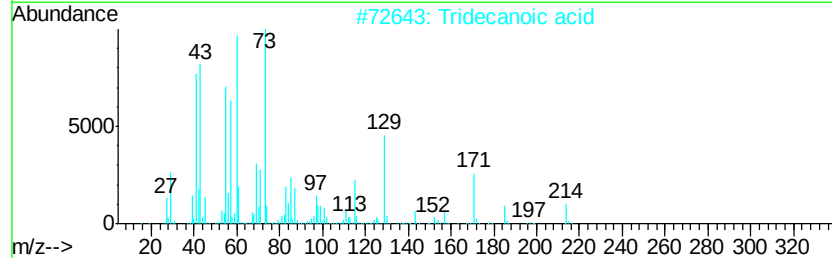
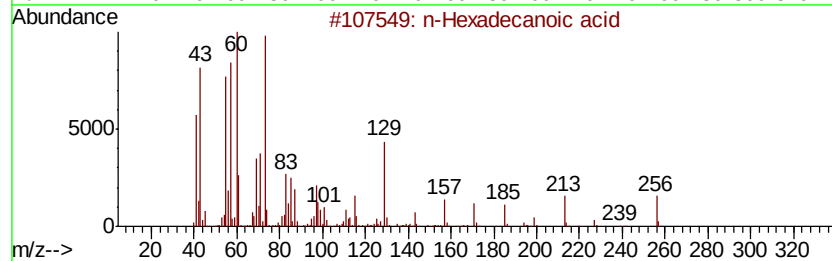
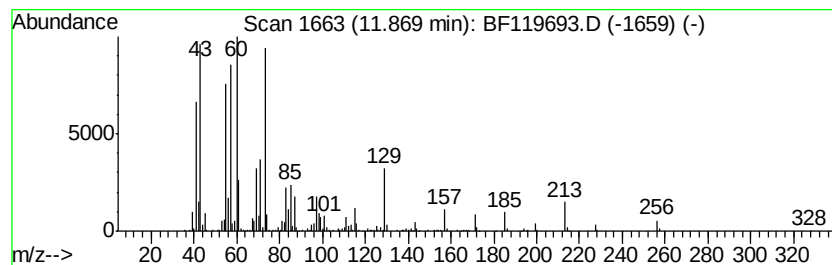
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.03 ng	1241920	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119693.D
Acq On : 2 Apr 2020 3:30
Operator : MA/SJ
Sample : L2089-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

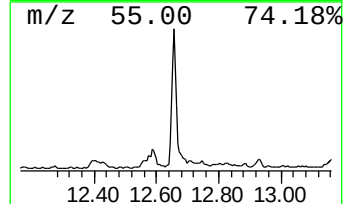
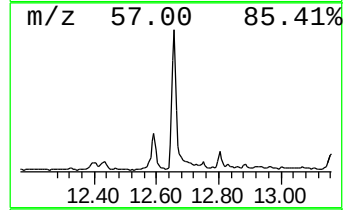
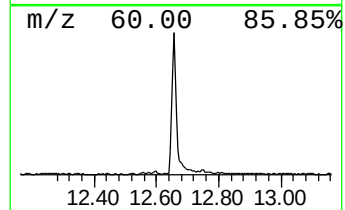
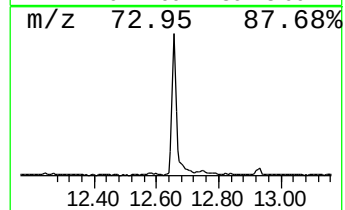
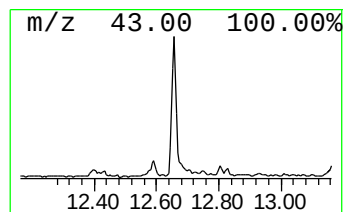
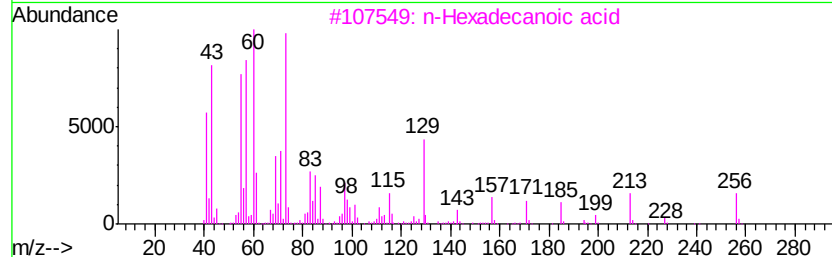
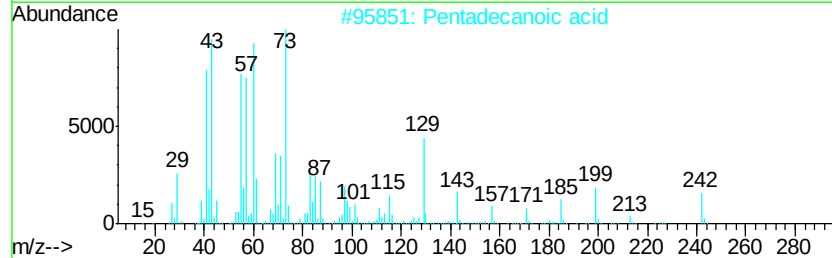
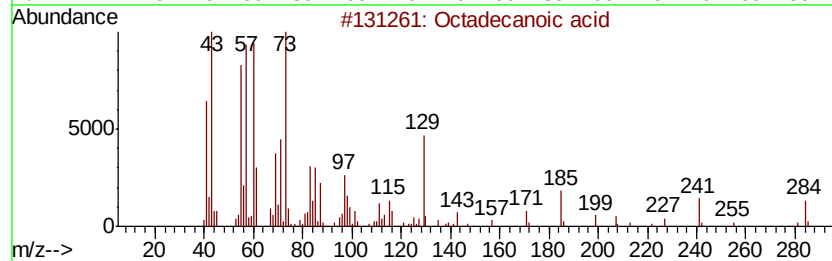
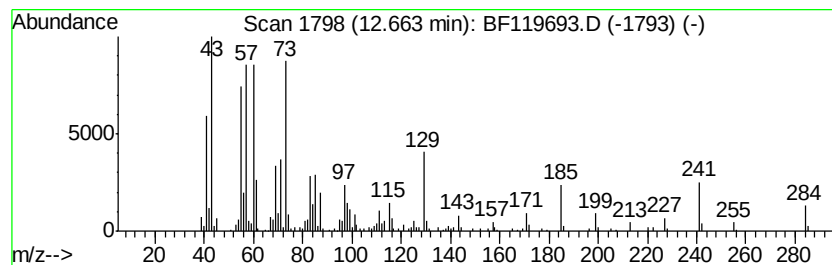
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ClientSampleId :
SB-3J-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.66	7.93 ng	892601	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119693.D
Acq On : 2 Apr 2020 3:30
Operator : MA/SJ
Sample : L2089-04
Misc :
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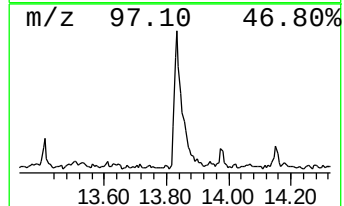
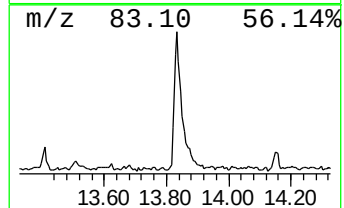
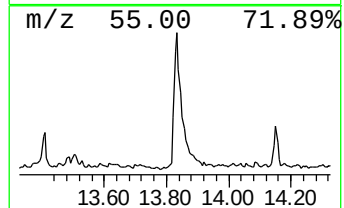
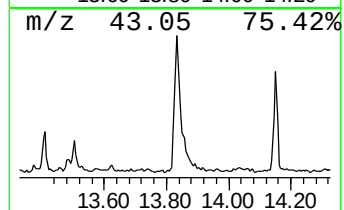
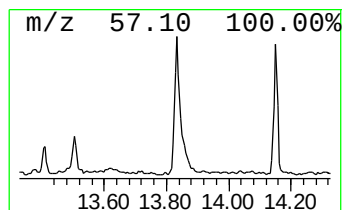
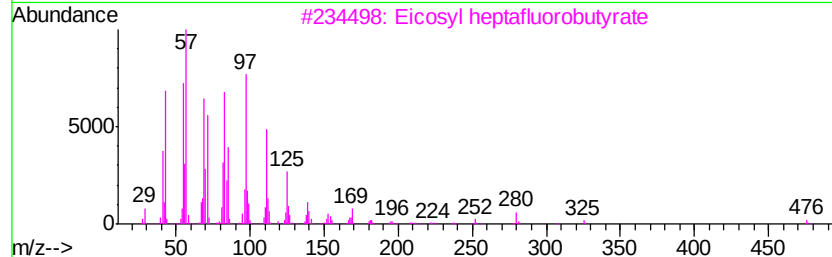
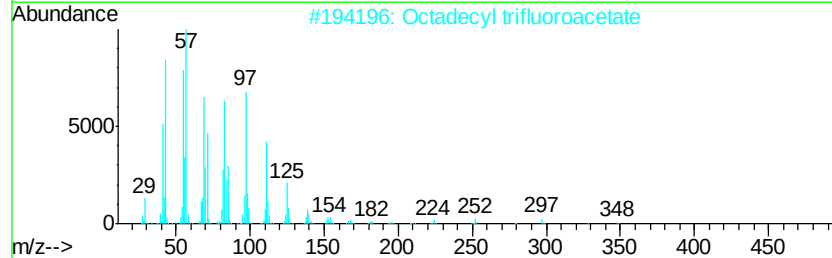
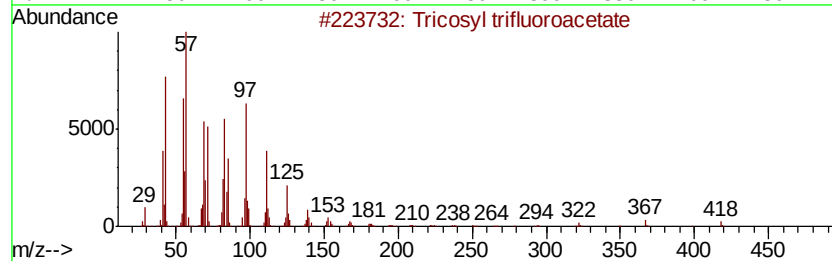
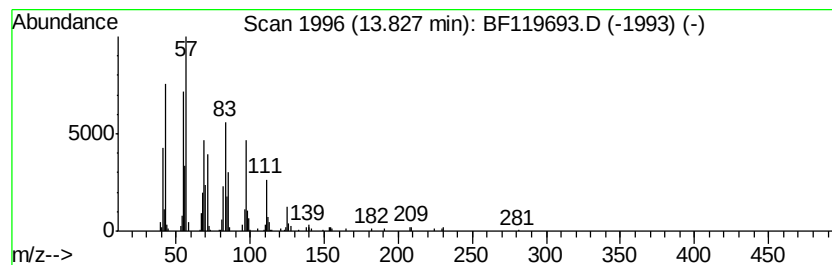
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ClientSampleId :
SB-3J-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricosyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.83	5.04 ng	548058	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Eicosyl heptafluorobutyrte	494	C24H41F7O2	1000351-83-5	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119693.D
Acq On : 2 Apr 2020 3:30
Operator : MA/SJ
Sample : L2089-04
Misc :
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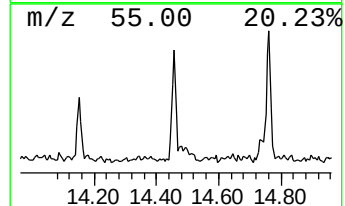
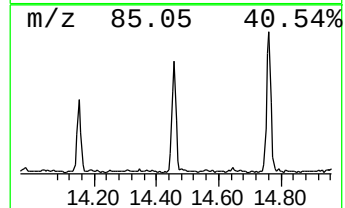
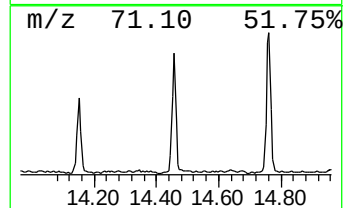
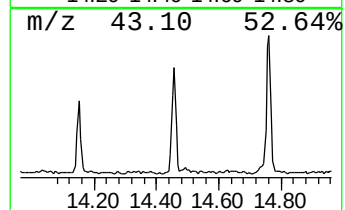
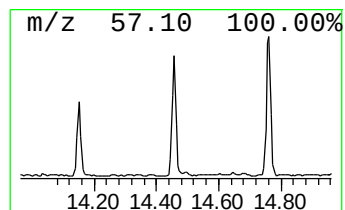
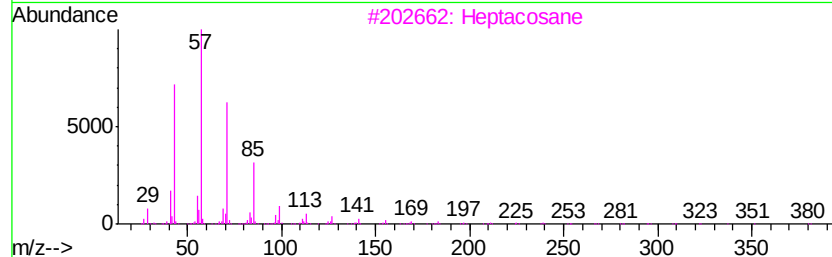
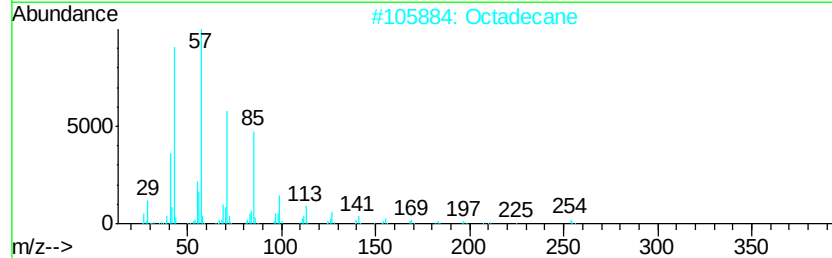
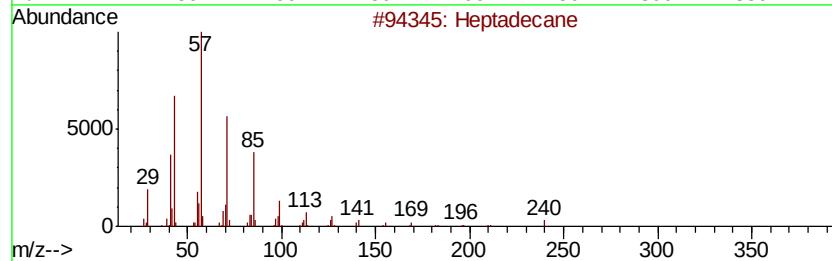
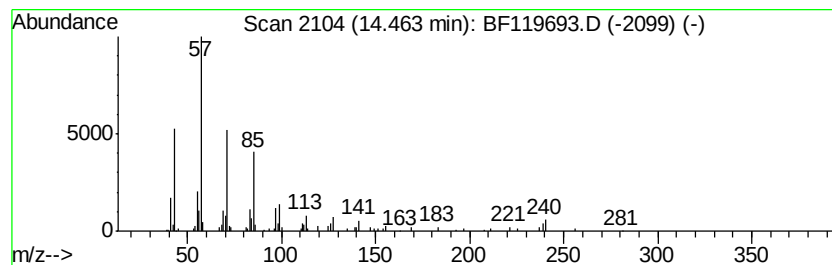
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ClientSampleId :
SB-3J-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.30 ng	249875	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	95
2	Octadecane	254 C18H38	000593-45-3	91
3	Heptacosane	380 C27H56	000593-49-7	90
4	Pentacosane	352 C25H52	000629-99-2	86
5	Hexacosane	366 C26H54	000630-01-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119693.D
 Acq On : 2 Apr 2020 3:30
 Operator : MA/SJ
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Instrument :
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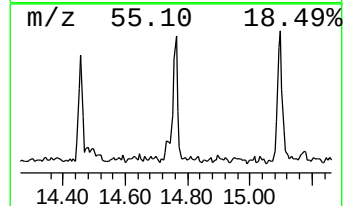
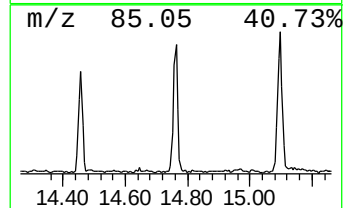
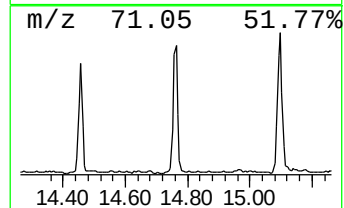
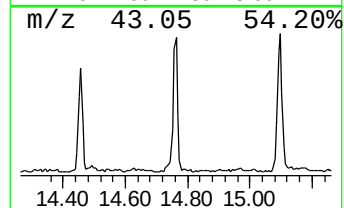
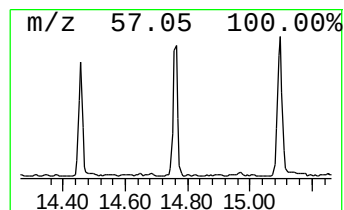
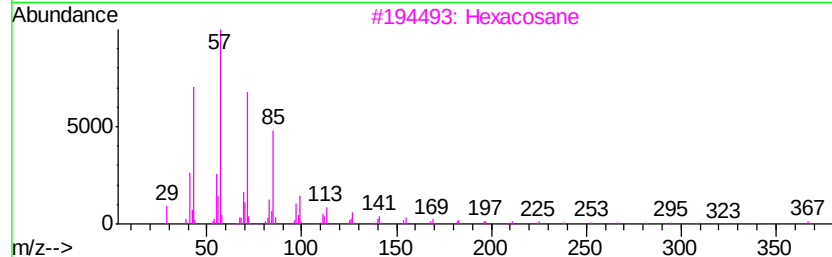
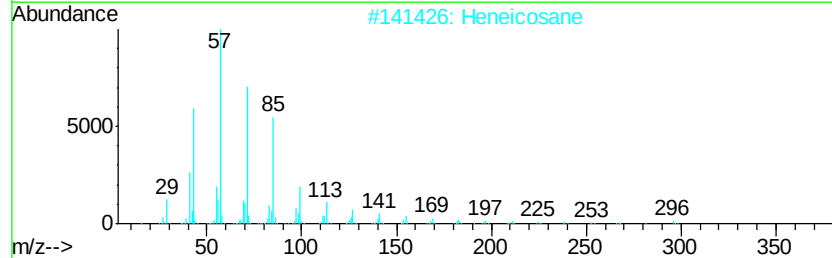
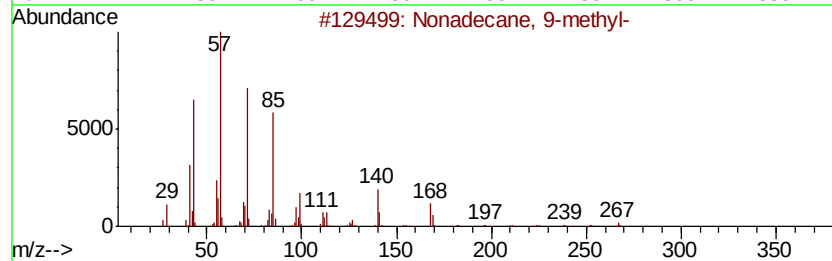
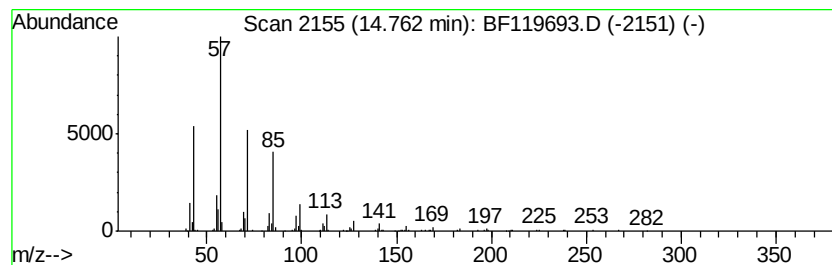
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.45 ng	348295	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119693.D
Acq On : 2 Apr 2020 3:30
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Sample : L2089-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

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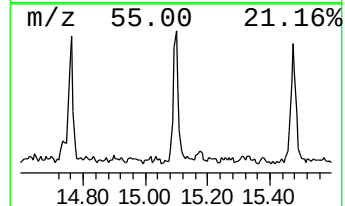
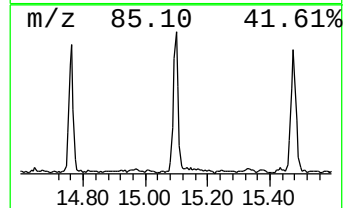
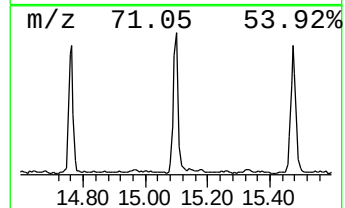
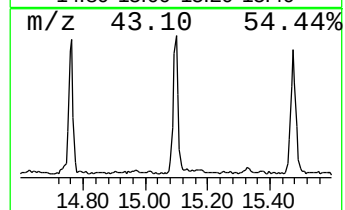
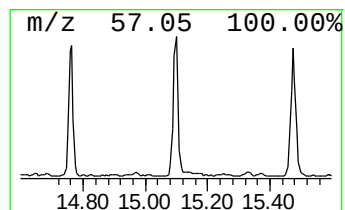
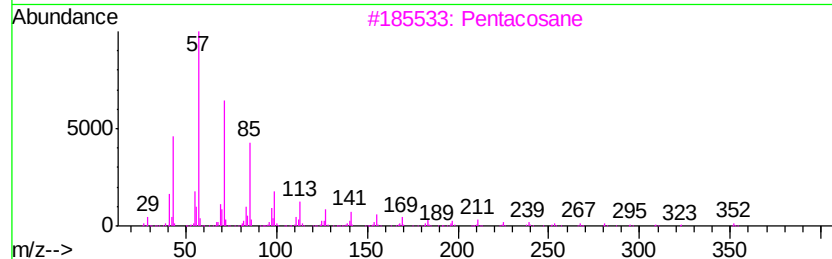
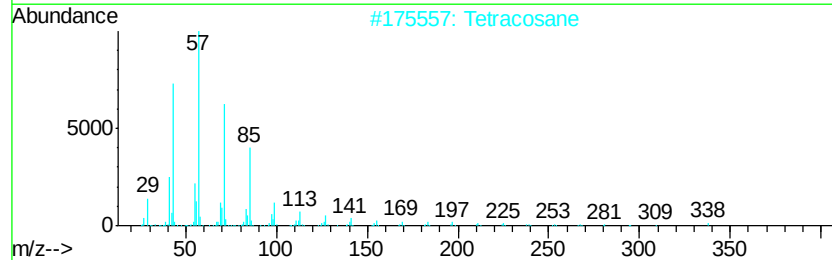
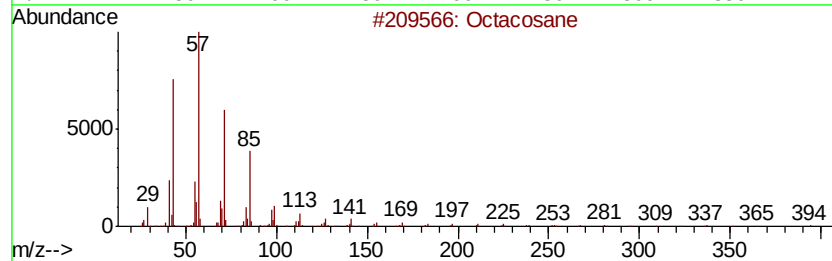
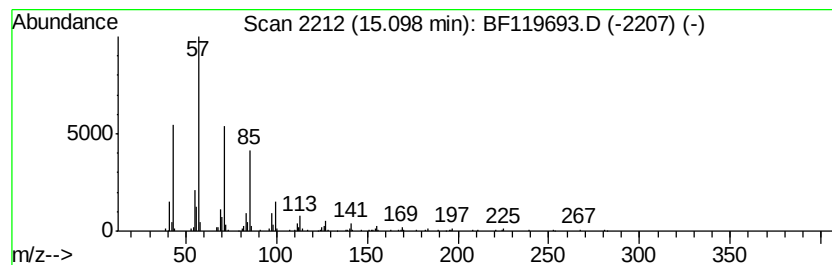
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.29 ng	433436	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119693.D
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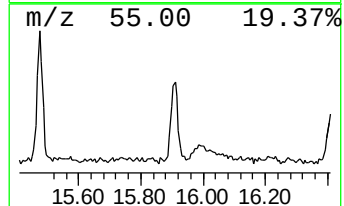
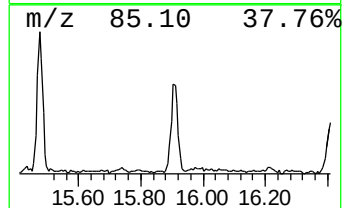
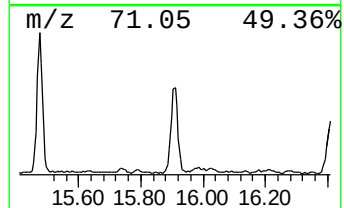
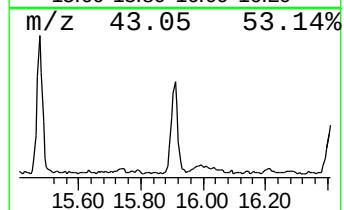
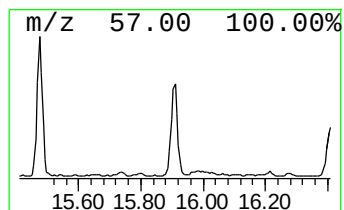
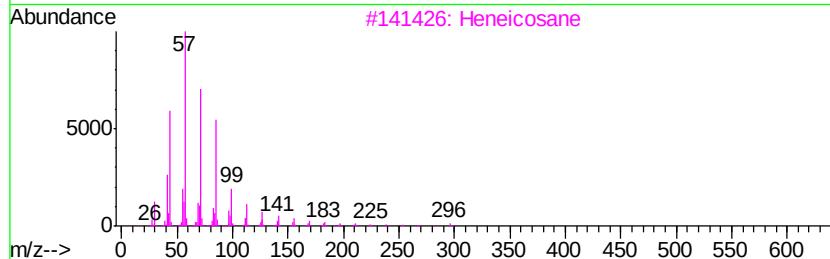
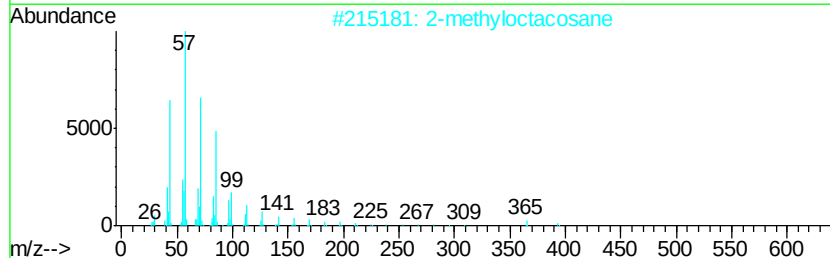
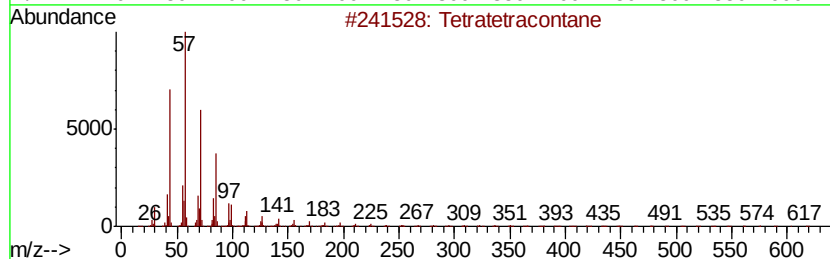
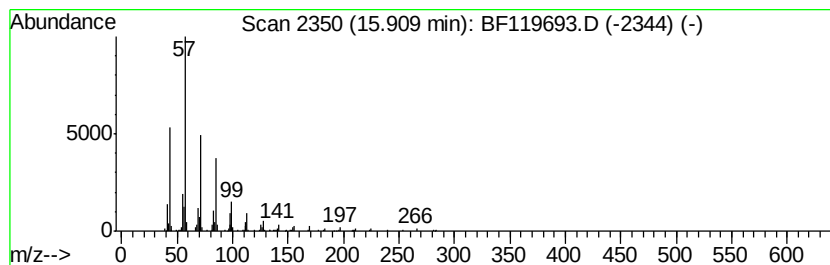
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.29 ng	332135	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119693.D
Acq On : 2 Apr 2020 3:30
Operator : MA/SJ
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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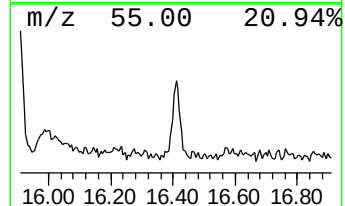
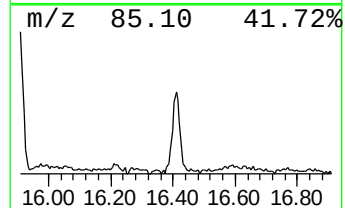
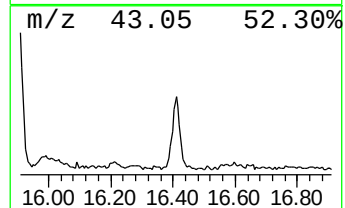
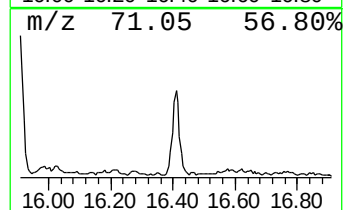
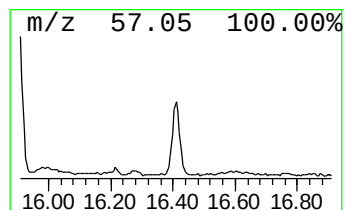
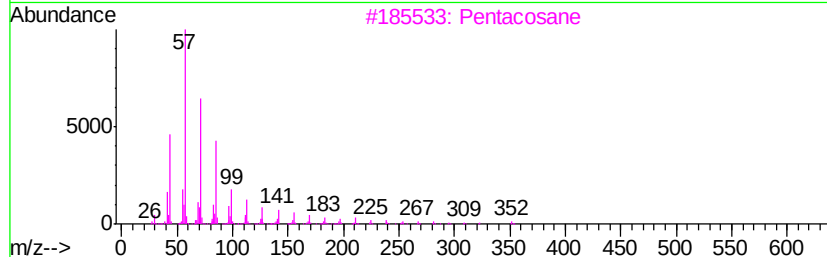
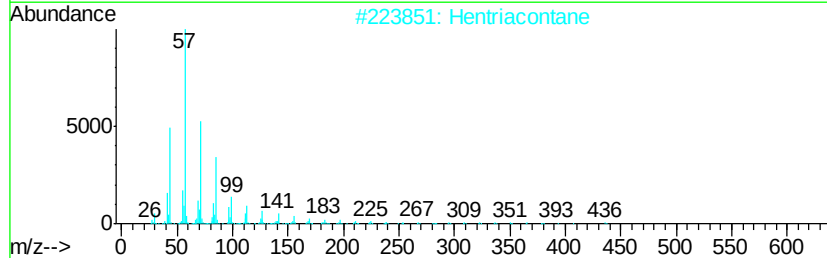
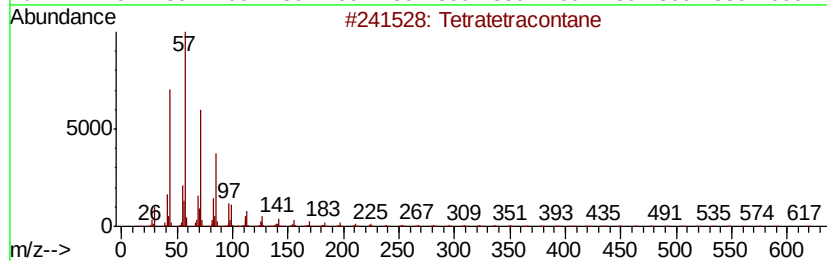
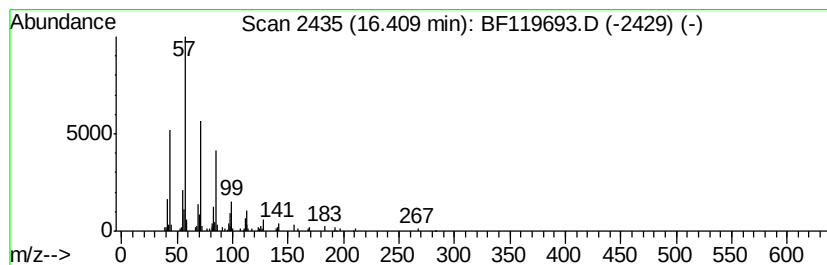
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.07 ng	208616	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119693.D
 Acq On : 2 Apr 2020 3:30
 Operator : MA/SJ
 Sample : L2089-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Propane, 1,1-dime...	2.19	2.2	ng	143859	1	6.81	1302640	20.0
2-Pentanone, 4-hy...	5.03	4.8	ng	311226	1	6.81	1302640	20.0
2,4,7,9-Tetrameth...	9.29	9.3	ng	968563	3	9.85	2072560	20.0
unknown10.43	10.43	2.5	ng	254470	3	9.85	2072560	20.0
n-Hexadecanoic acid	11.87	11.0	ng	1241920	4	11.34	2252610	20.0
Octadecanoic acid	12.66	7.9	ng	892601	4	11.34	2252610	20.0
Tricosyl trifluor...	13.83	5.0	ng	548058	5	13.98	2175060	20.0
Heptadecane	14.46	2.3	ng	249875	5	13.98	2175060	20.0
Nonadecane, 9-met...	14.76	3.5	ng	348295	6	15.43	2018410	20.0
Octacosane	15.10	4.3	ng	433436	6	15.43	2018410	20.0
Tetratetracontane	15.91	3.3	ng	332135	6	15.43	2018410	20.0
Hentriacontane	16.41	2.1	ng	208616	6	15.43	2018410	20.0