

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119538.D
 Acq On : 26 Mar 2020 19:17
 Operator : CG/JU
 Sample : L2028-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	2.128	3	7	12	rVB	345345	412488	5.48%	0.688%
2	2.234	20	25	34	rVB	112316	145478	1.93%	0.243%
3	5.051	494	504	511	rBV	217311	270151	3.59%	0.451%
4	5.445	566	571	574	rBV	5686490	6010144	79.88%	10.025%
5	6.457	737	743	746	rBV	5678970	5954745	79.14%	9.933%
6	6.834	803	807	810	rBV	1996654	1604297	21.32%	2.676%
7	6.992	829	834	837	rBV	5312790	4702562	62.50%	7.844%
8	7.392	897	902	905	rBV	3799390	3917057	52.06%	6.534%
9	8.116	1020	1025	1029	rBV	2434263	2102589	27.94%	3.507%
10	9.198	1203	1209	1212	rBV	7499447	6993705	92.95%	11.666%
11	9.592	1271	1276	1279	rBV	991426	806832	10.72%	1.346%
12	9.874	1318	1324	1328	rBV	2558328	2485137	33.03%	4.145%
13	10.669	1453	1459	1462	rBV	4970908	4732744	62.90%	7.894%
14	11.369	1573	1578	1581	rBV	2903662	2659960	35.35%	4.437%
15	11.898	1664	1668	1679	rBV	700838	720735	9.58%	1.202%
16	12.686	1798	1802	1811	rBV	379707	453415	6.03%	0.756%
17	12.957	1843	1848	1852	rBV	7409330	7524059	100.00%	12.550%
18	13.862	1998	2002	2018	rBV	623055	1003962	13.34%	1.675%
19	14.010	2022	2027	2030	rBV	2623079	2423411	32.21%	4.042%
20	14.180	2053	2056	2059	rBV	197971	169288	2.25%	0.282%
21	14.486	2105	2108	2111	rBV	344420	292301	3.88%	0.488%
22	14.798	2153	2161	2166	rBV	418821	451051	5.99%	0.752%
23	15.139	2214	2219	2226	rBV	447874	490542	6.52%	0.818%
24	15.474	2270	2276	2280	rBV2	1804252	2287924	30.41%	3.816%
25	15.521	2280	2284	2289	rVB	383299	489512	6.51%	0.817%
26	15.962	2353	2359	2365	rBV	268989	398828	5.30%	0.665%
27	16.039	2366	2372	2376	rBV8	48526	111488	1.48%	0.186%
28	16.474	2440	2446	2454	rVB	136890	235355	3.13%	0.393%
29	17.068	2541	2547	2554	rVB3	47222	101339	1.35%	0.169%

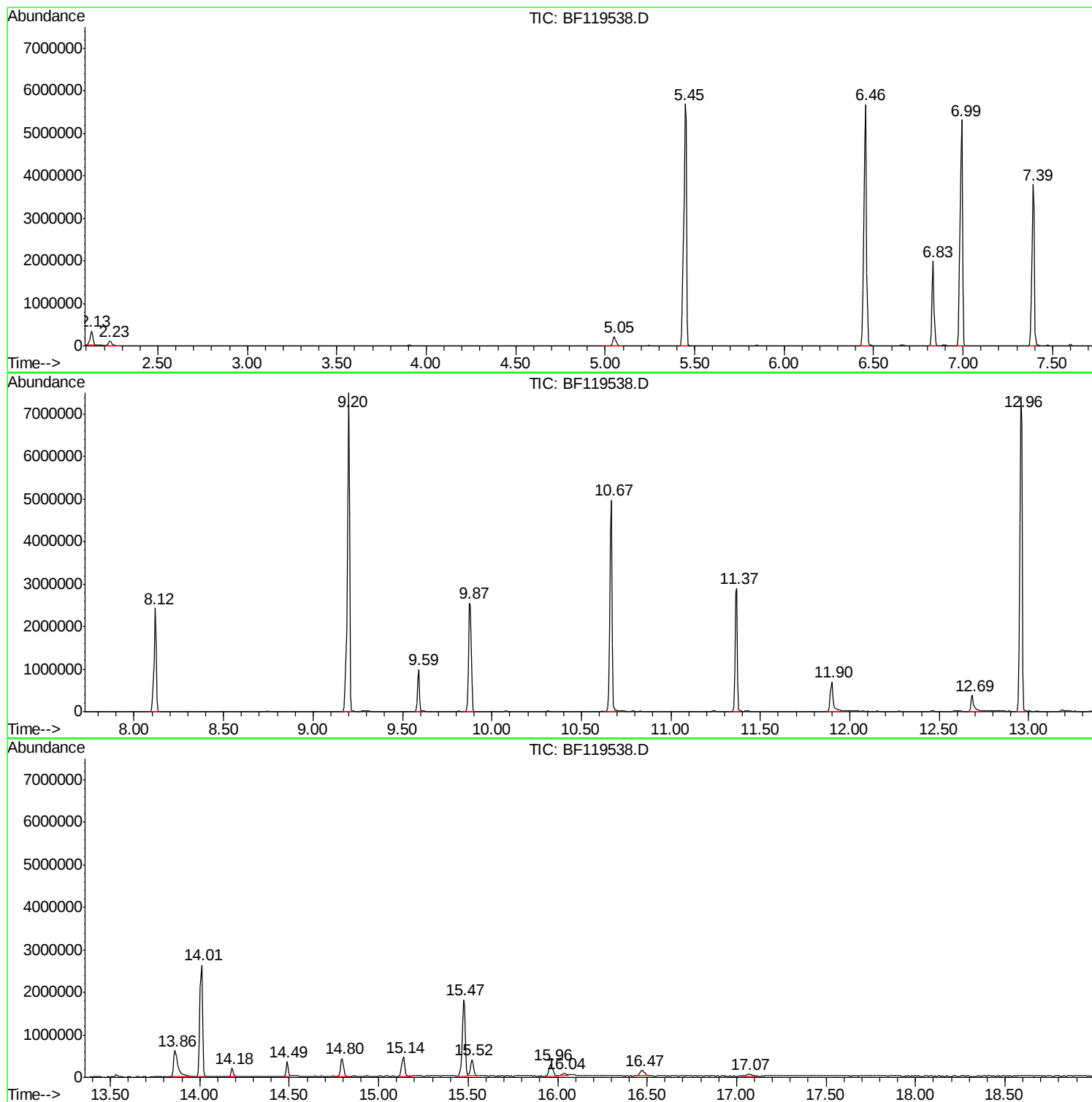
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ClientSampleId :
SB-30-(8-8.5)

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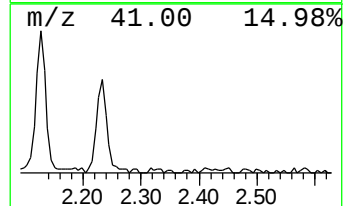
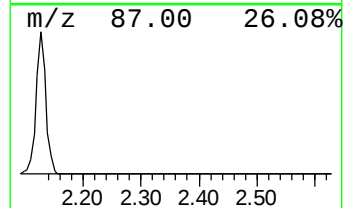
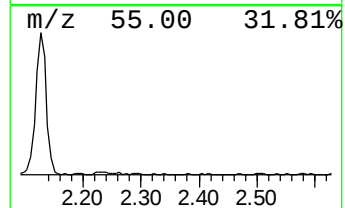
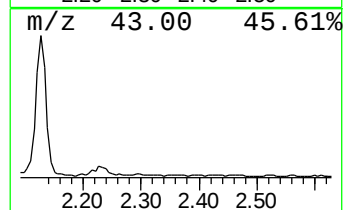
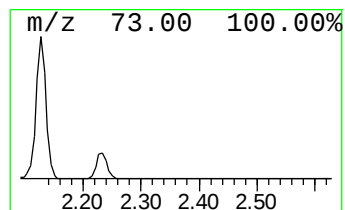
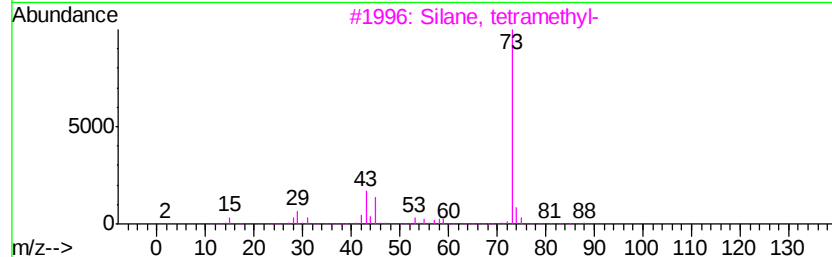
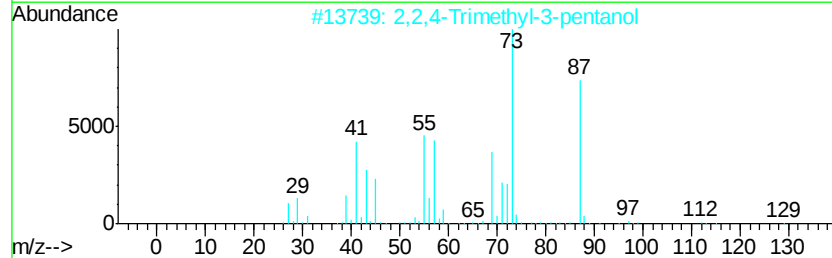
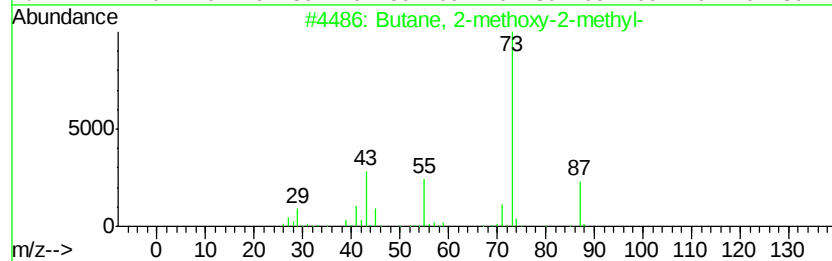
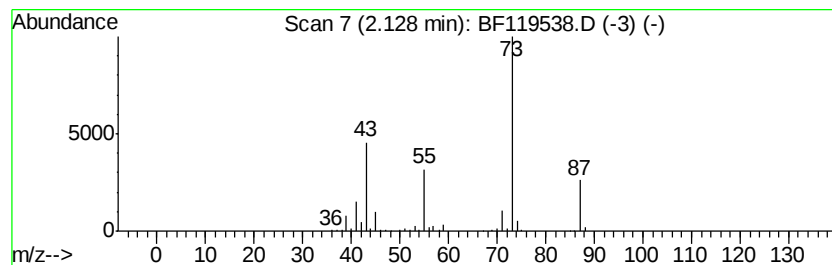
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	5.14 ng	412488	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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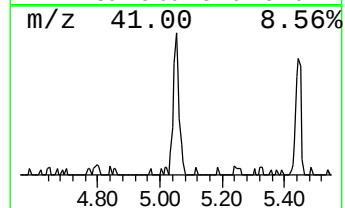
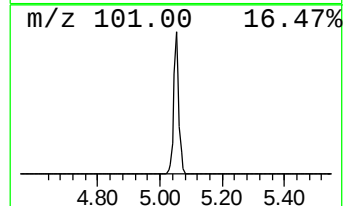
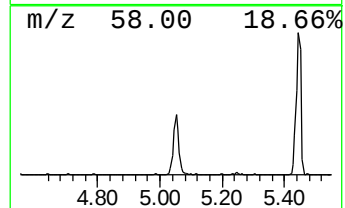
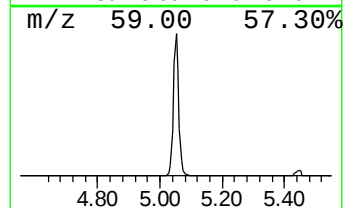
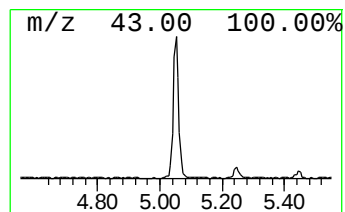
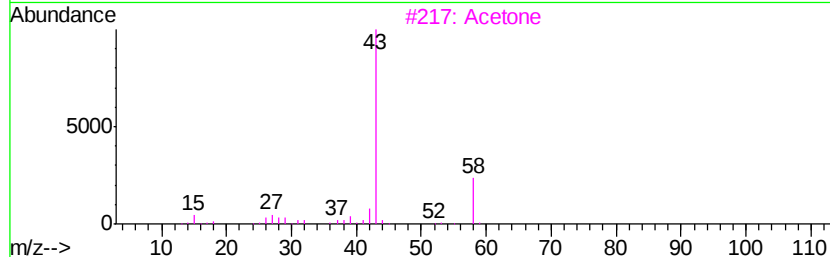
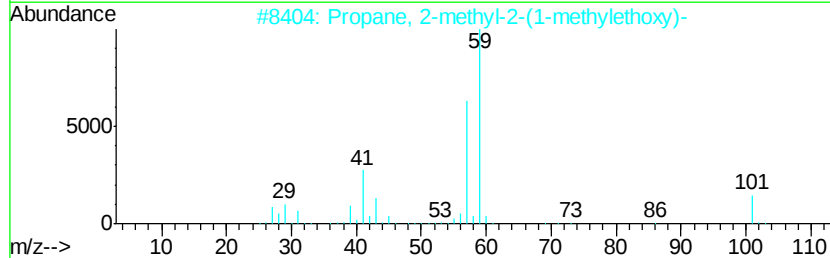
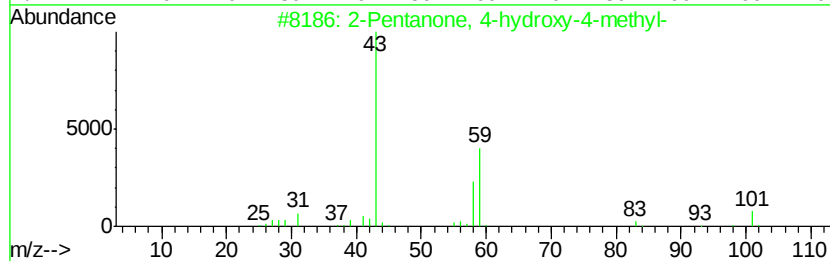
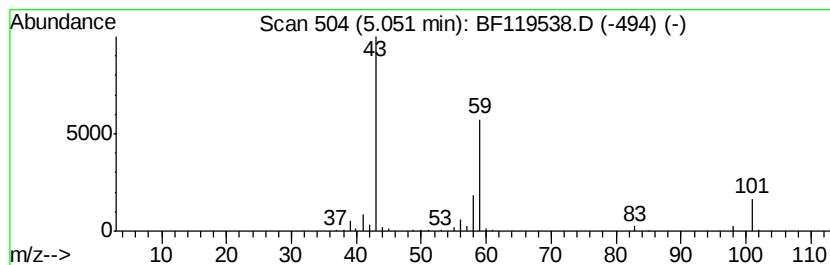
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Peak Number 2 unknown5.05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.37 ng	270151	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33	
3	Acetone	58	C3H6O	000067-64-1	9	
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9	
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9	



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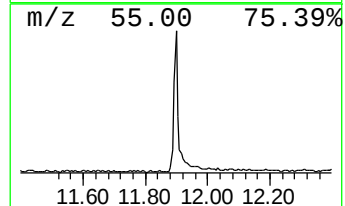
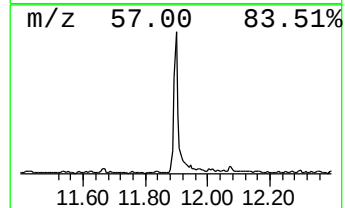
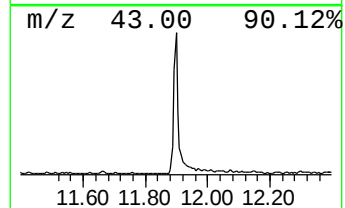
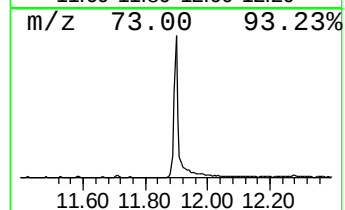
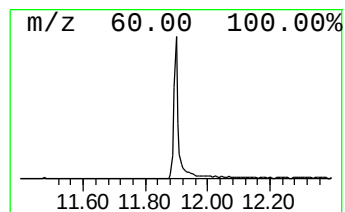
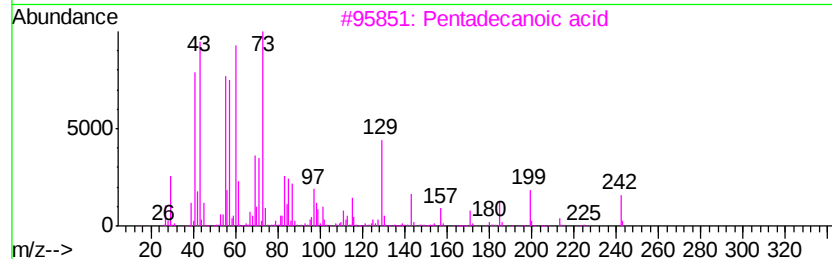
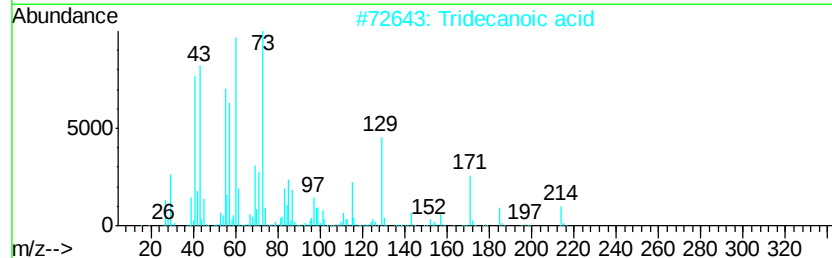
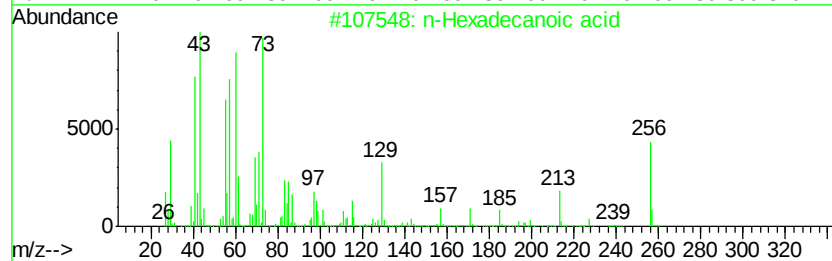
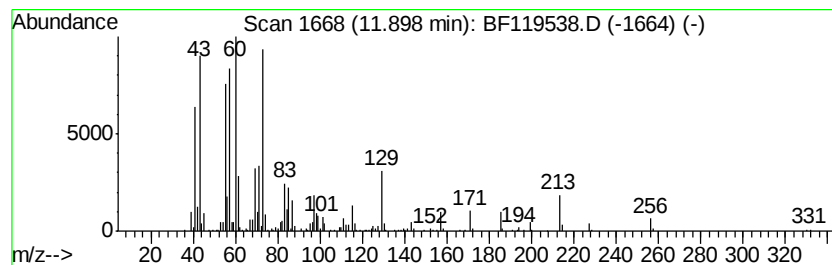
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.42 ng	720735	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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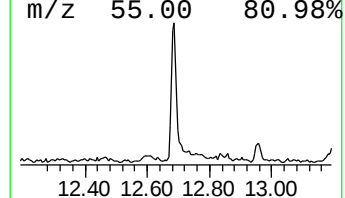
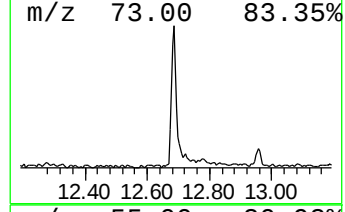
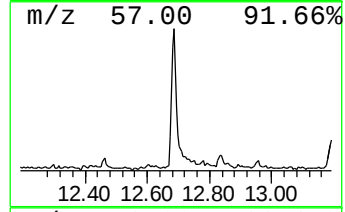
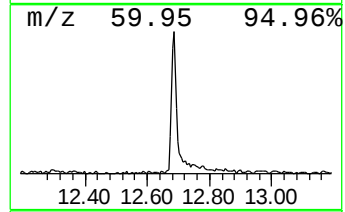
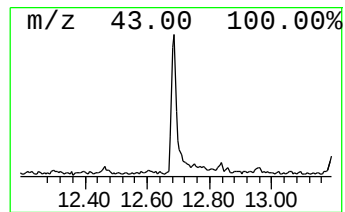
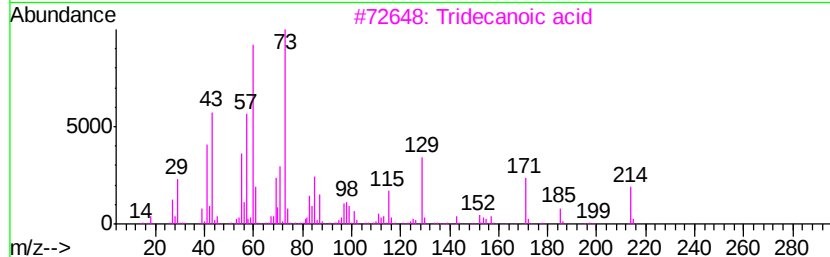
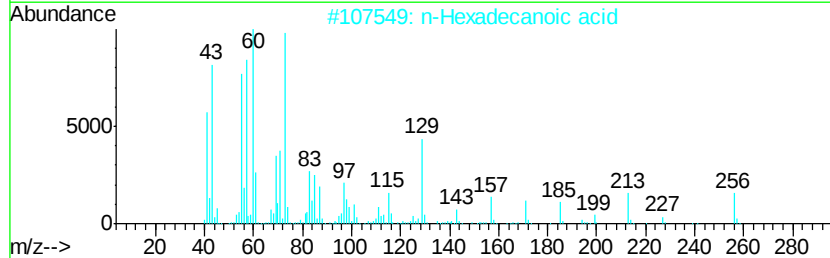
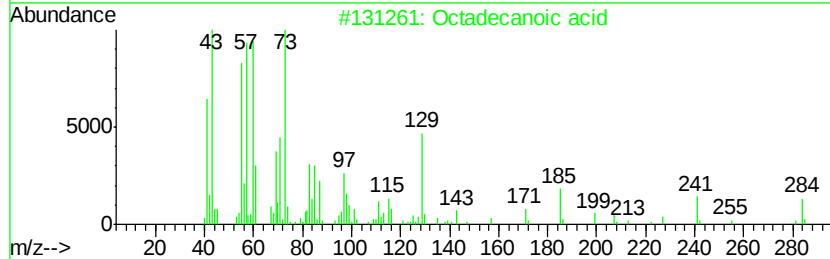
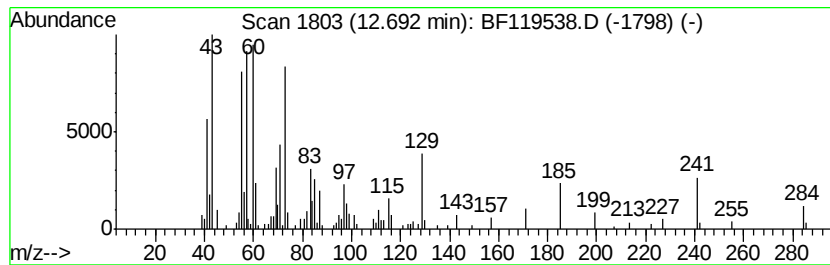
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Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.41 ng	453415	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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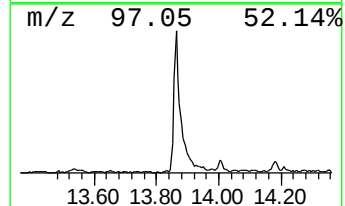
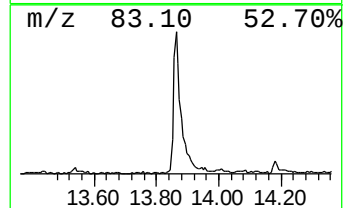
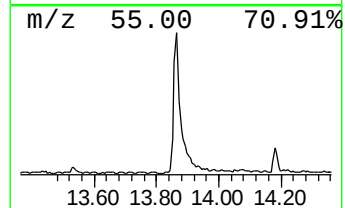
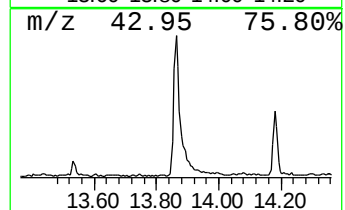
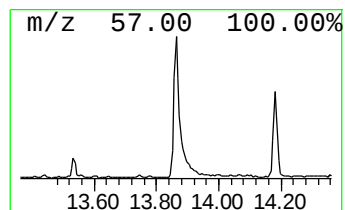
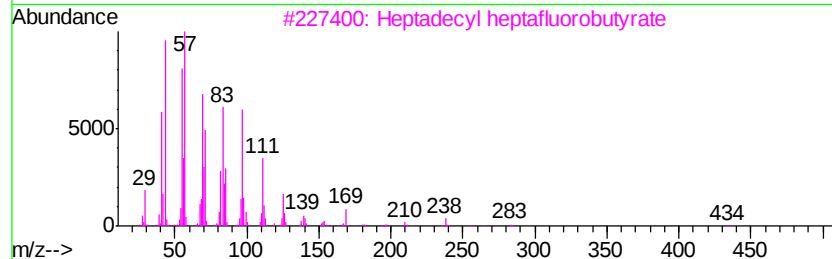
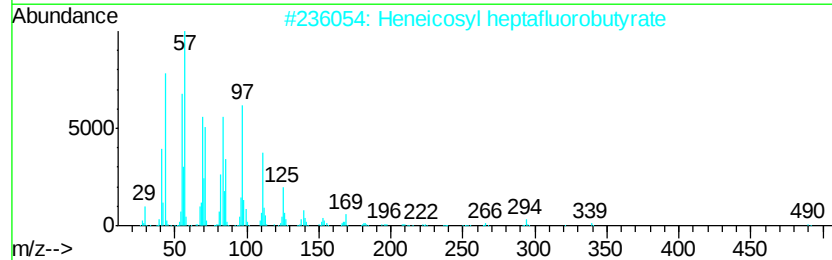
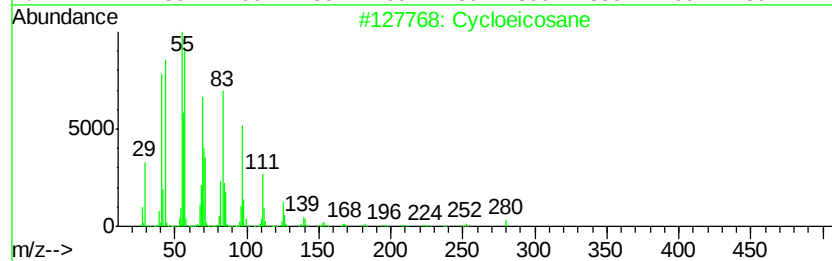
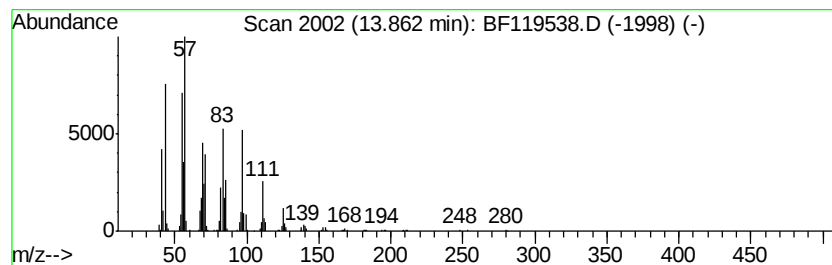
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 Peak Number 6 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.29 ng	1003960	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 94
2		Heneicosyl heptafluorobutyrte	508 C25H43F7O2	1000351-83-8 91
3		Heptadecyl heptafluorobutyrte	452 C21H35F7O2	959085-66-6 91
4		Octadecyl trifluoroacetate	366 C20H37F3O2	079392-43-1 91
5		Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0 91



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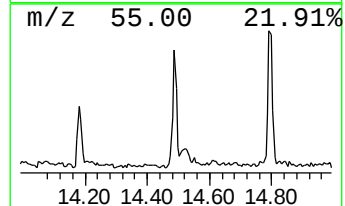
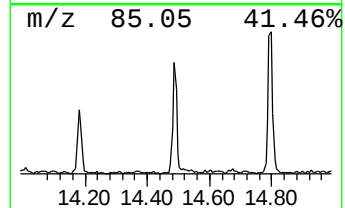
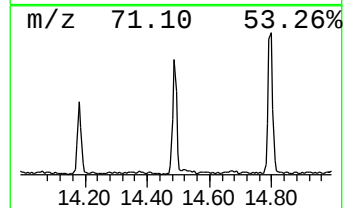
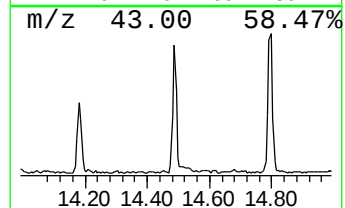
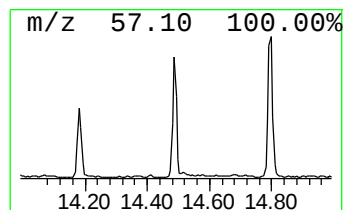
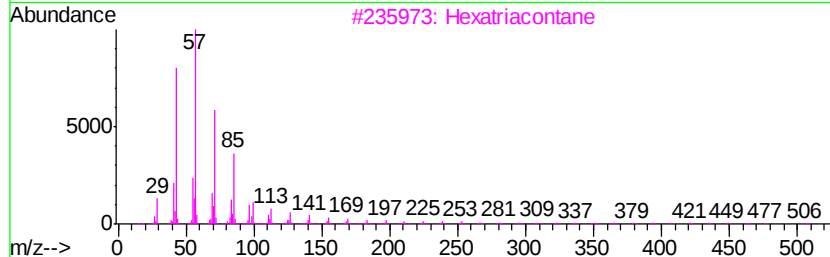
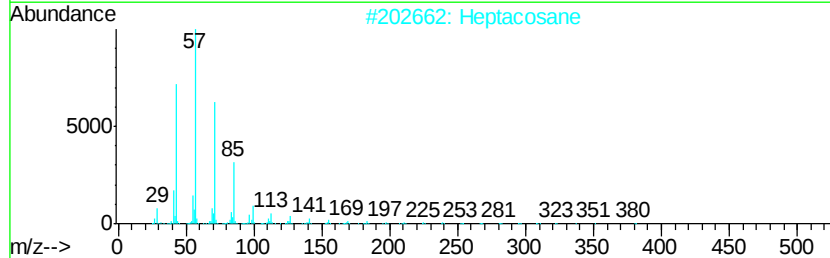
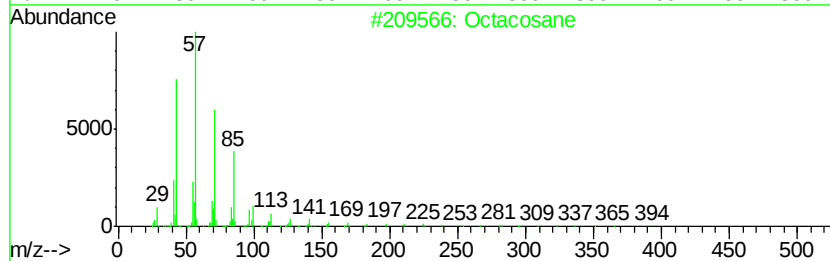
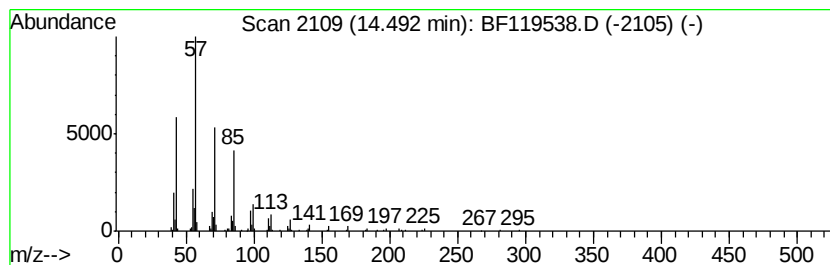
Instrument :
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ClientSampleId :
SB-30-(8-8.5)

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 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.41 ng	292301	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 91
2	Heptacosane	380	C27H56	000593-49-7 91
3	Hexatriacontane	507	C36H74	000630-06-8 91
4	Tetracosane	338	C24H50	000646-31-1 91
5	Hentriacontane	437	C31H64	000630-04-6 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119538.D
Acq On : 26 Mar 2020 19:17
Operator : CG/JU
Sample : L2028-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-30-(8-8.5)

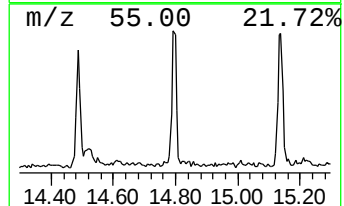
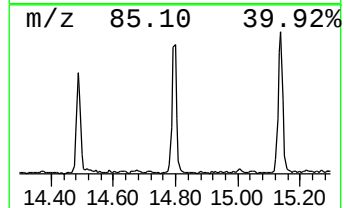
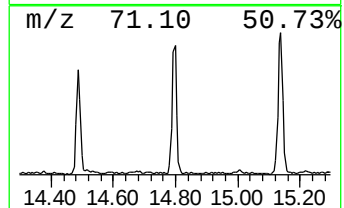
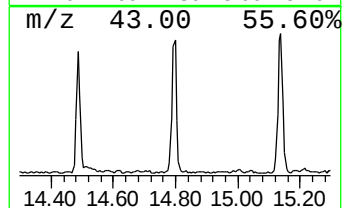
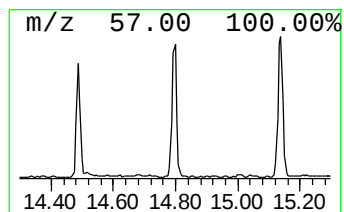
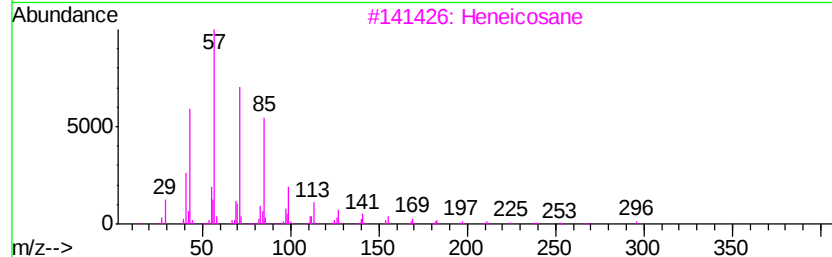
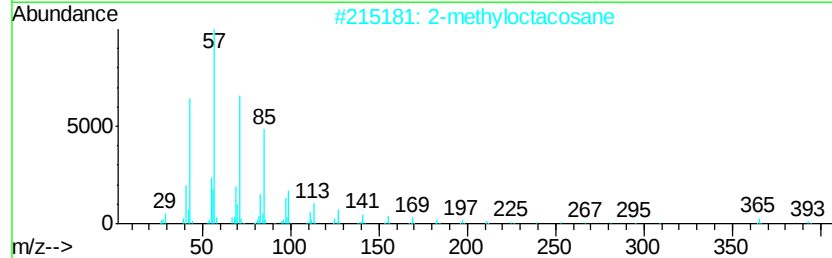
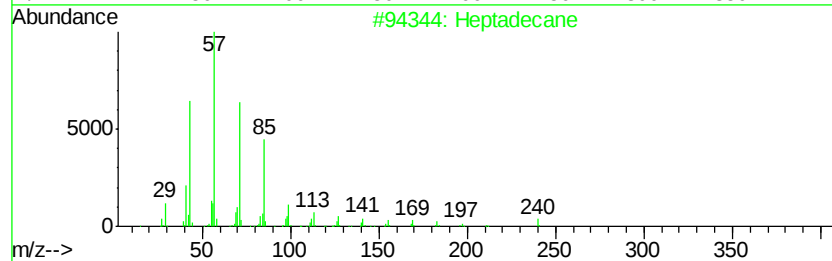
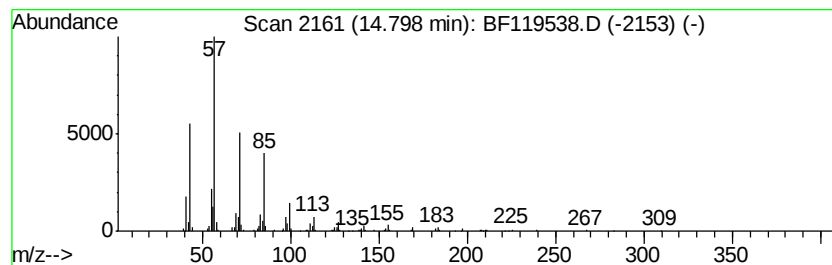
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.94 ng	451051	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Octadecane		254	C18H38	000593-45-3	90
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119538.D
Acq On : 26 Mar 2020 19:17
Operator : CG/JU
Sample : L2028-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

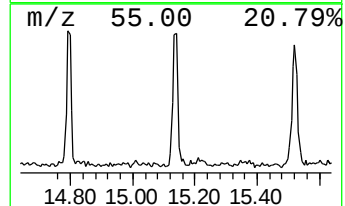
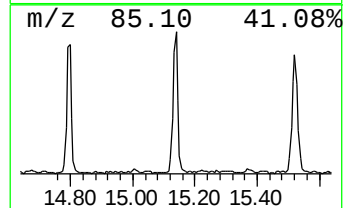
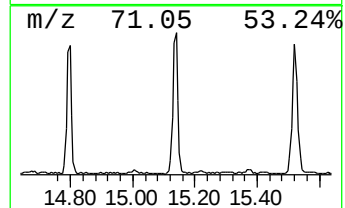
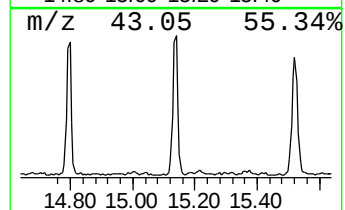
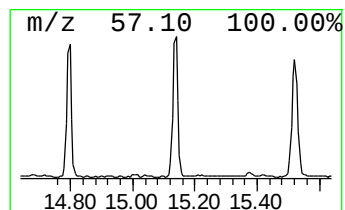
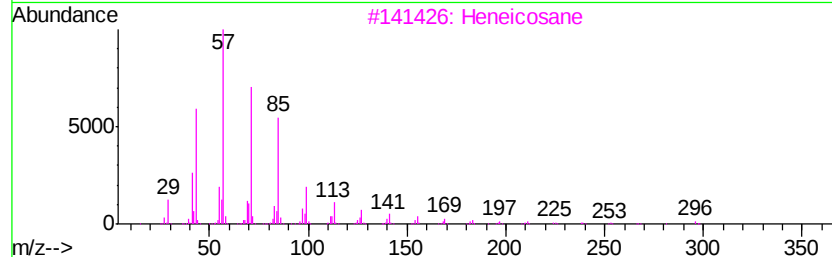
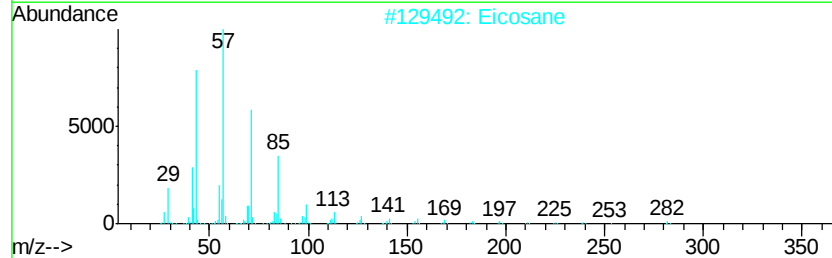
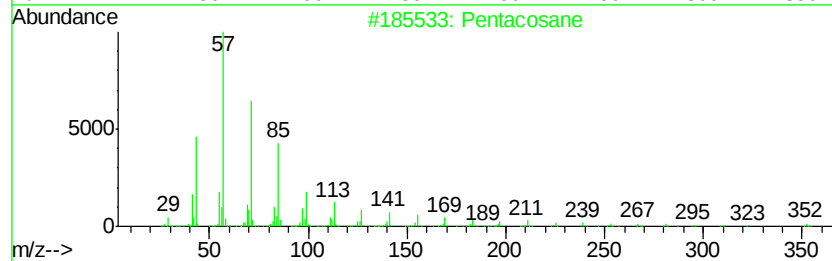
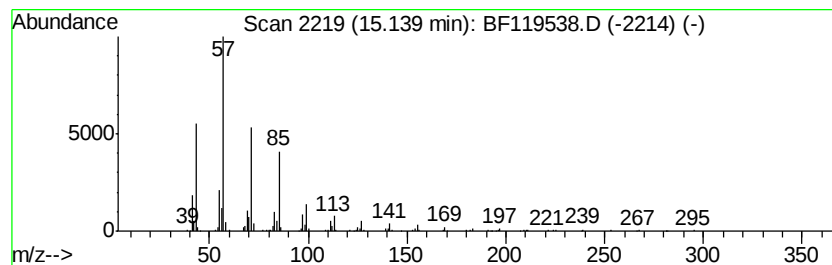
Instrument :
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ClientSampleId :
SB-30-(8-8.5)

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 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.14	4.29 ng	490542	Perylene-d12		15.47	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacosane	352	C25H52	000629-99-2	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methvloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119538.D
Acq On : 26 Mar 2020 19:17
Operator : CG/JU
Sample : L2028-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

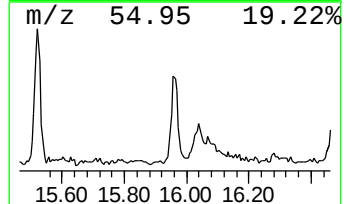
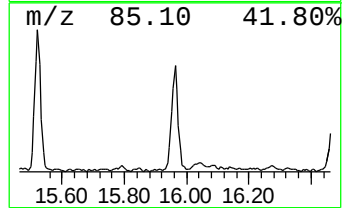
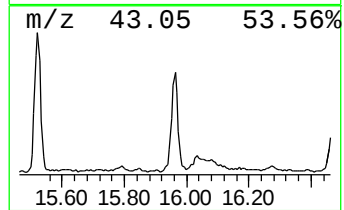
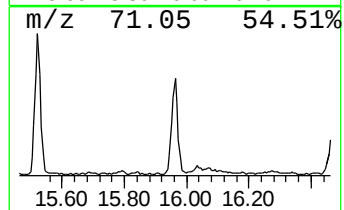
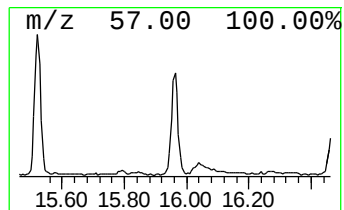
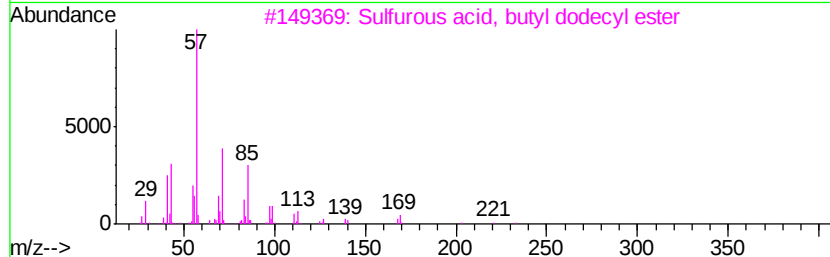
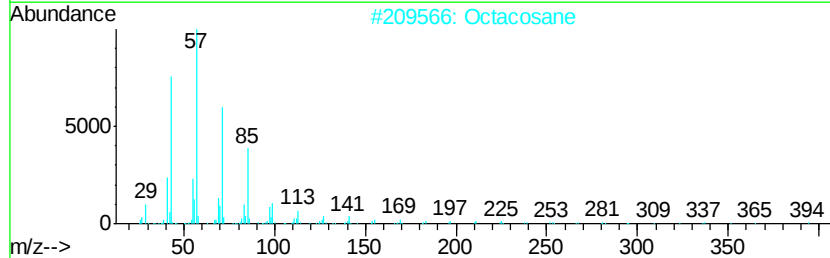
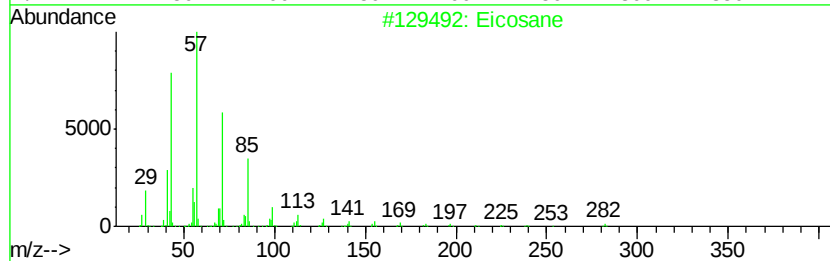
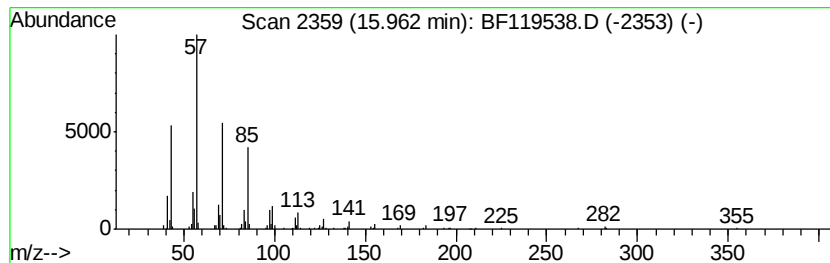
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.49 ng	398828	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
Data File : BF119538.D
Acq On : 26 Mar 2020 19:17
Operator : CG/JU
Sample : L2028-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

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
Butane, 2-methoxy...	2.13	5.1 ng		412488	1	6.83	1604300	20.0
unknown5.05	5.05	3.4 ng		270151	1	6.83	1604300	20.0
n-Hexadecanoic acid	11.90	5.4 ng		720735	4	11.37	2659960	20.0
Octadecanoic acid	12.69	3.4 ng		453415	4	11.37	2659960	20.0
Cycloeicosane	13.86	8.3 ng		1003960	5	14.01	2423410	20.0
Octacosane	14.49	2.4 ng		292301	5	14.01	2423410	20.0
Heptadecane	14.80	3.9 ng		451051	6	15.47	2287920	20.0
Pentacosane	15.14	4.3 ng		490542	6	15.47	2287920	20.0
Eicosane	15.96	3.5 ng		398828	6	15.47	2287920	20.0