

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
 Data File : BM028883.D
 Acq On : 24 Feb 2021 17:31
 Operator : CG/JU
 Sample : M1469-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-08-022321

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_M\Methods\8270-BM022321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028883.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	397	403	415	rBB	404037	599027	29.43%	5.957%
2	6.998	674	682	693	rBB	405308	657543	32.30%	6.539%
3	7.804	813	819	825	rBB	73488	109262	5.37%	1.087%
4	8.981	1012	1019	1029	rBV	249948	405922	19.94%	4.037%
5	10.604	1289	1295	1302	rVB	97340	157536	7.74%	1.567%
6	13.086	1709	1717	1723	rVB	575681	860604	42.28%	8.558%
7	14.463	1944	1951	1959	rVB	144877	204195	10.03%	2.031%
8	15.963	2200	2206	2216	rVB	446865	625810	30.74%	6.223%
9	17.204	2412	2417	2422	rBV	150105	214912	10.56%	2.137%
10	17.251	2422	2425	2430	rVB	50002	61851	3.04%	0.615%
11	17.868	2525	2530	2535	rVB	295303	340593	16.73%	3.387%
12	18.098	2554	2569	2579	rBV2	65256	110401	5.42%	1.098%
13	18.839	2690	2695	2699	rBV	34259	41273	2.03%	0.410%
14	19.015	2718	2725	2727	rBV	1615657	2035710	100.00%	20.244%
15	19.045	2727	2730	2740	rVB2	1433505	1795263	88.19%	17.853%
16	19.174	2747	2752	2757	rVB	145961	172682	8.48%	1.717%
17	19.257	2762	2766	2775	rVB	94916	125743	6.18%	1.250%
18	19.368	2781	2785	2790	rBV2	20336	28283	1.39%	0.281%
19	19.621	2824	2828	2834	rVB	59966	82223	4.04%	0.818%
20	19.821	2855	2862	2867	rBV	703163	872863	42.88%	8.680%
21	20.262	2933	2937	2942	rBV3	17724	22625	1.11%	0.225%
22	21.068	3070	3074	3084	rBV4	73057	94366	4.64%	0.938%
23	21.368	3118	3125	3129	rBV2	159805	237758	11.68%	2.364%
24	21.403	3129	3131	3135	rVB	30315	30471	1.50%	0.303%
25	23.580	3496	3501	3507	rVB2	100001	169106	8.31%	1.682%

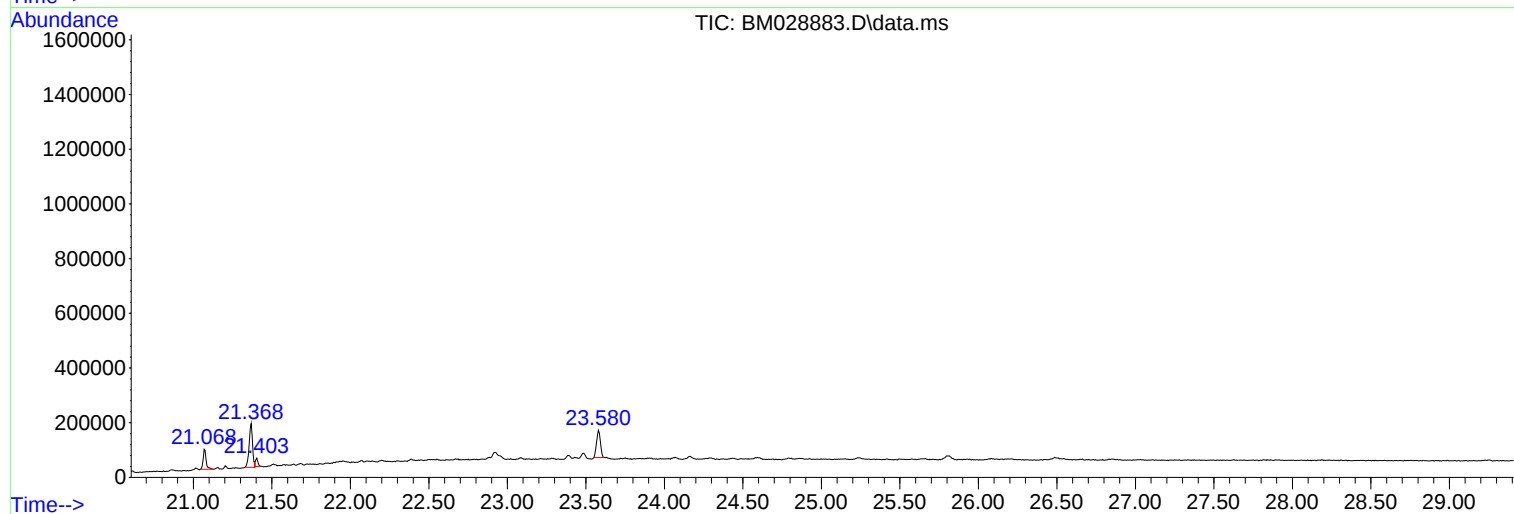
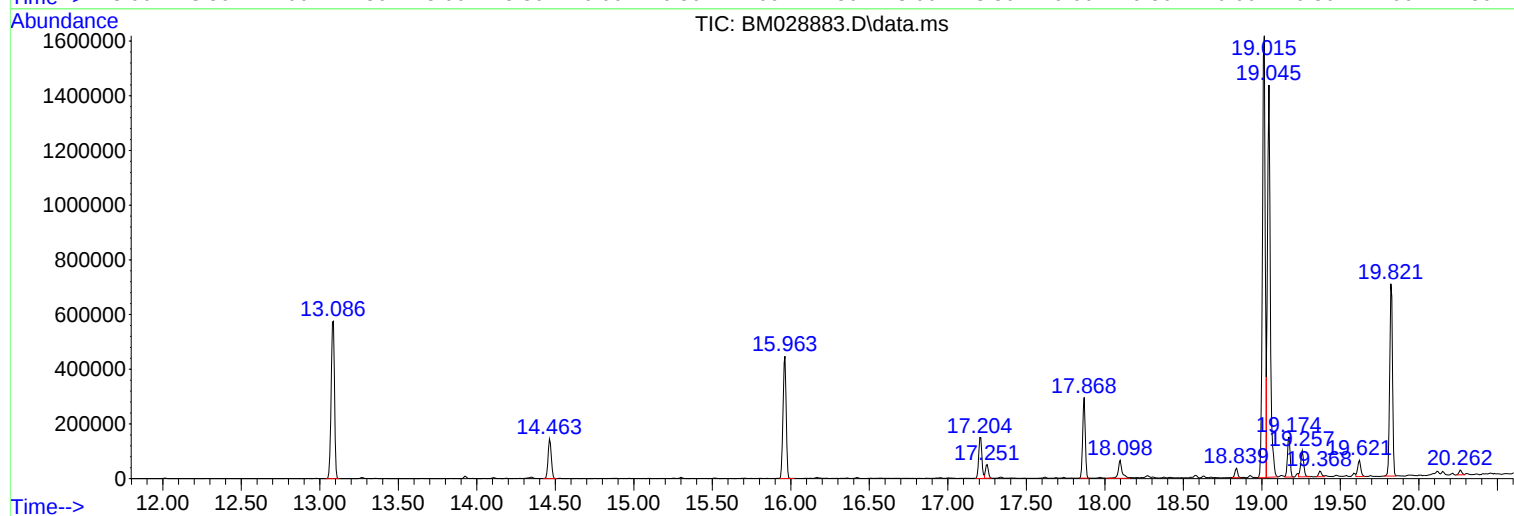
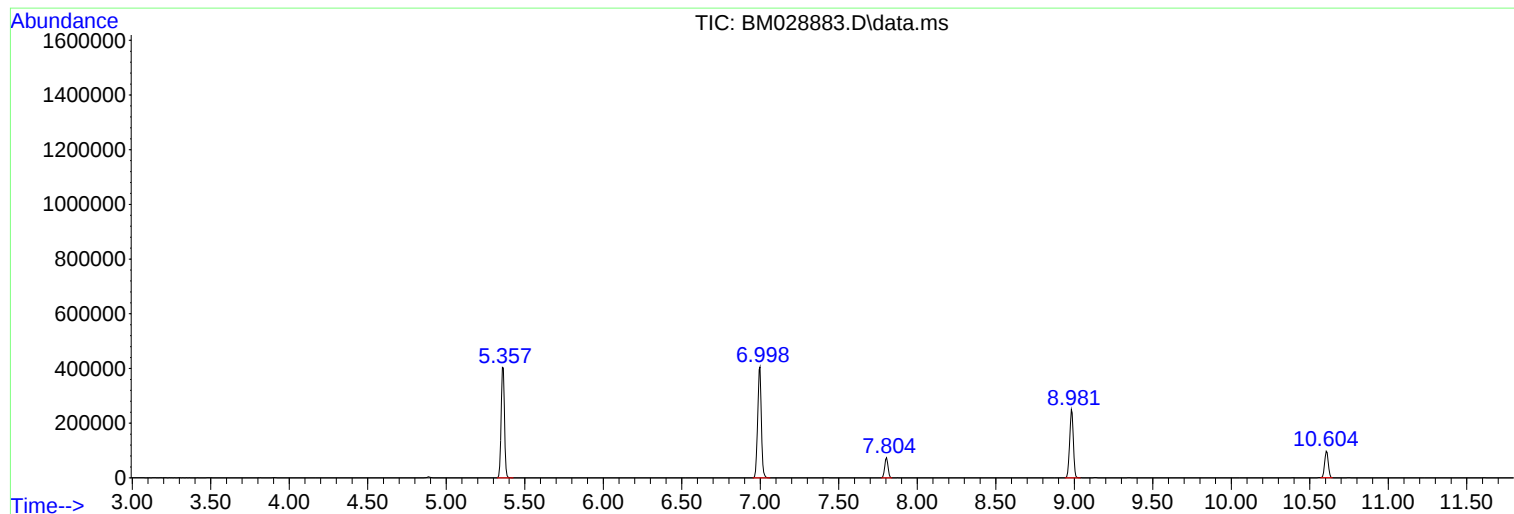
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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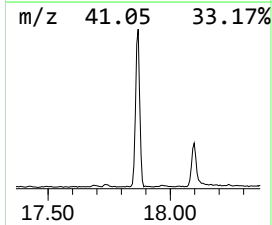
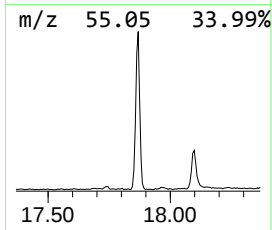
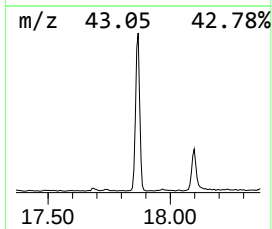
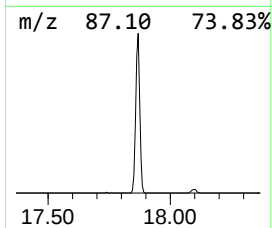
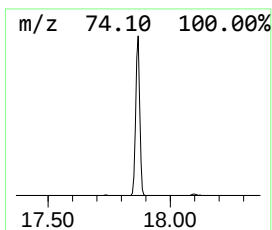
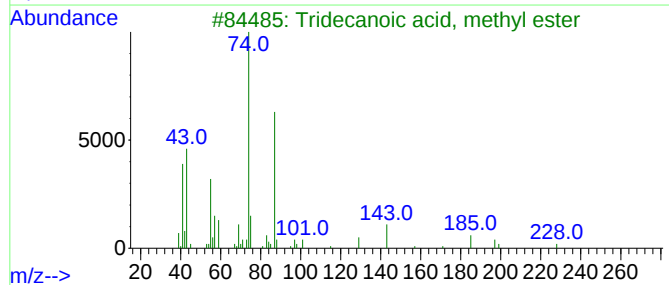
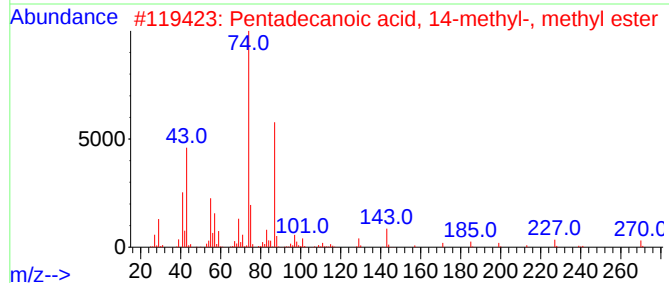
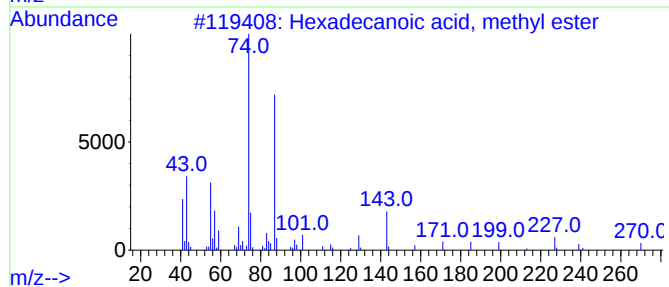
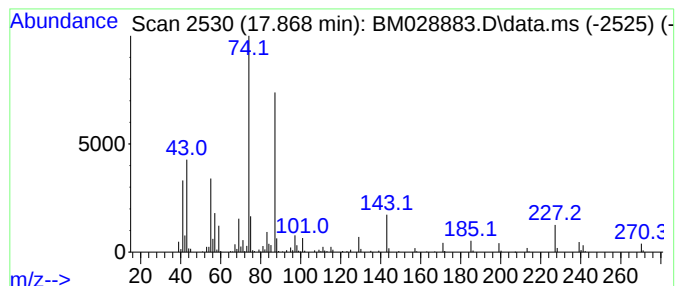
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.868	31.70 ng	340593	Phenanthrene-d10	17.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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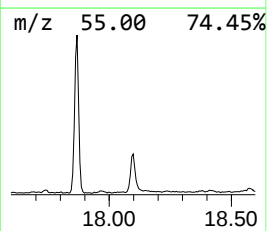
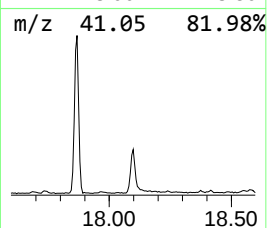
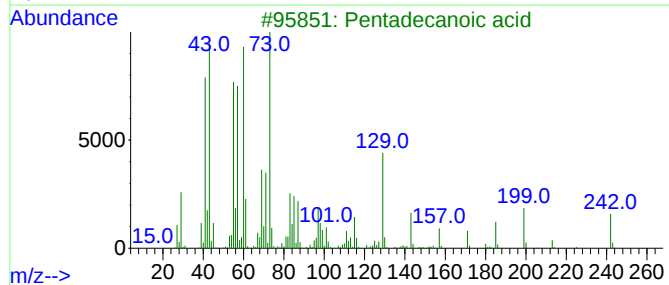
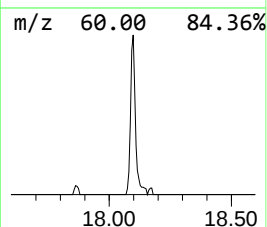
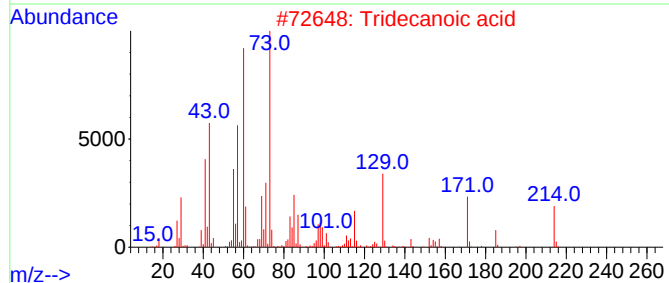
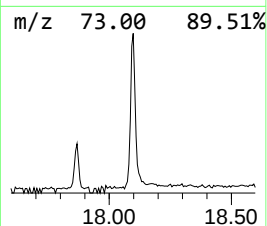
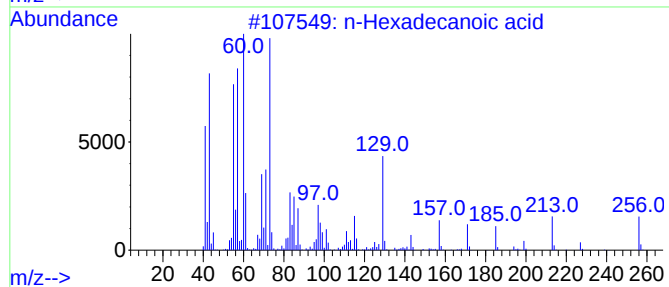
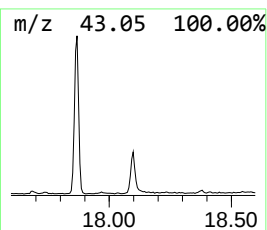
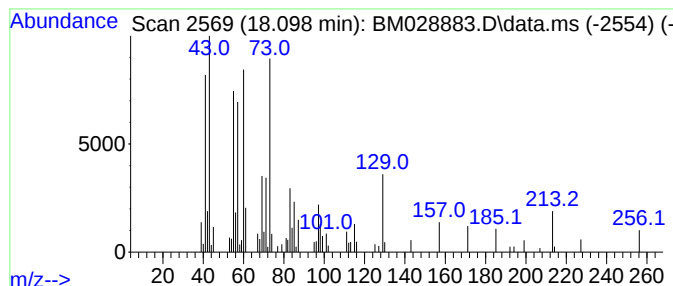
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	10.27 ng	110401	Phenanthrene-d10	17.210

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	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



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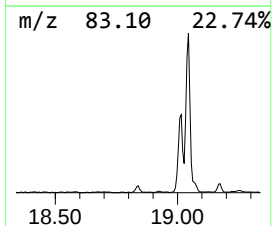
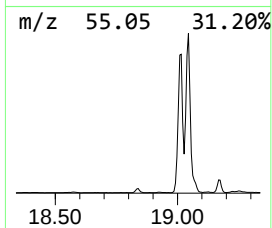
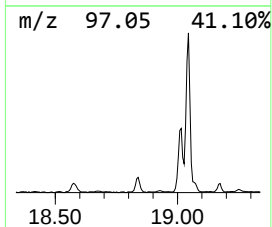
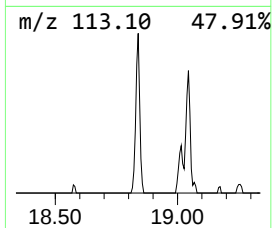
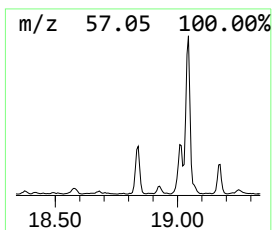
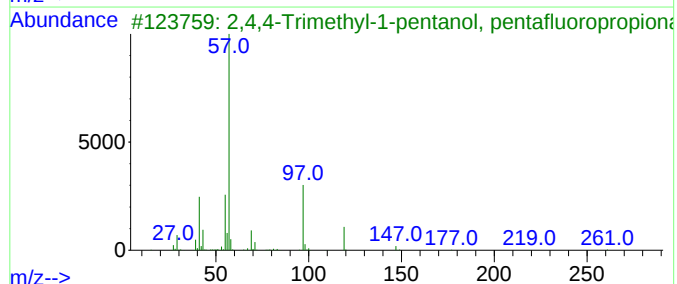
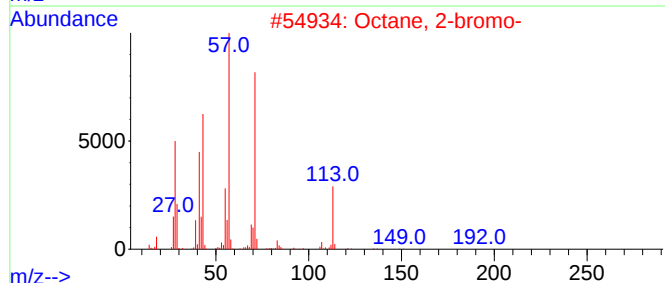
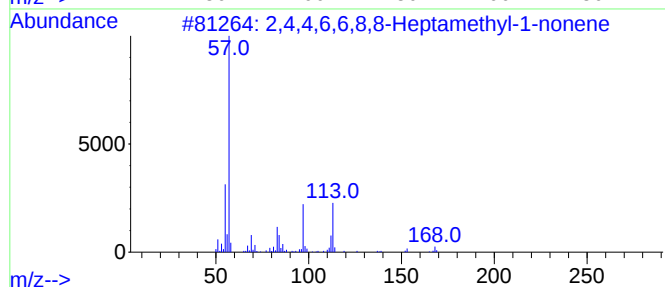
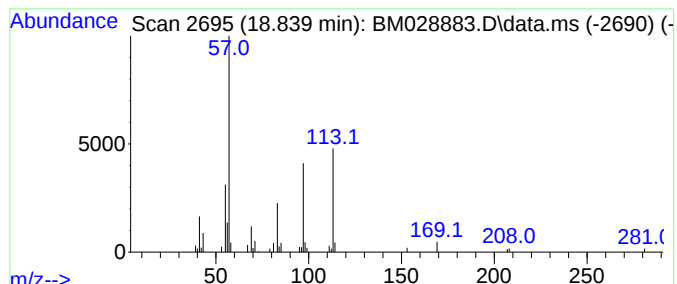
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Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.839	3.84 ng	41273	Phenanthrene-d10	17.210	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25



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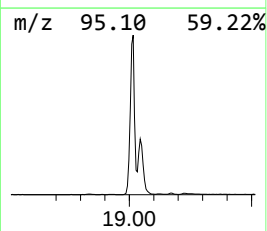
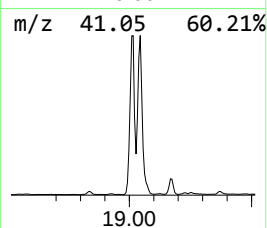
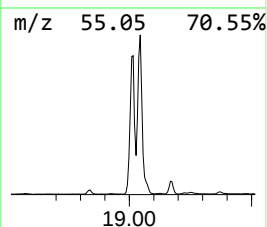
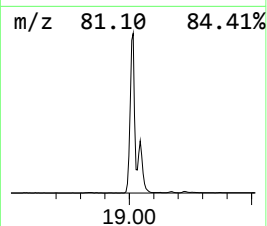
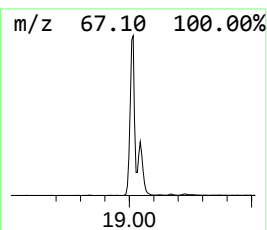
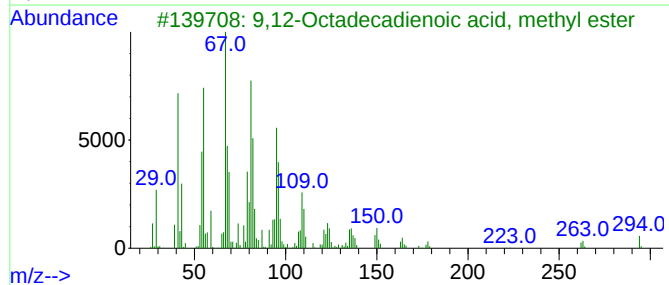
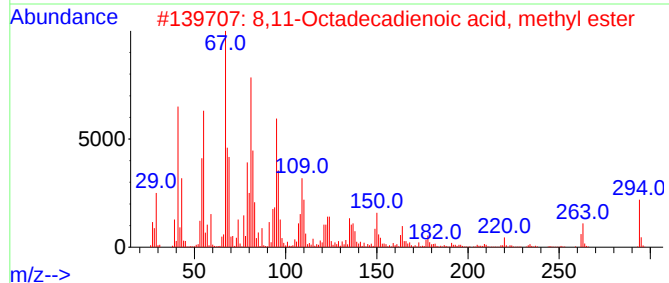
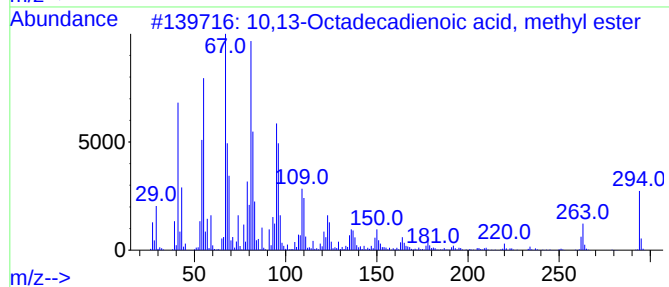
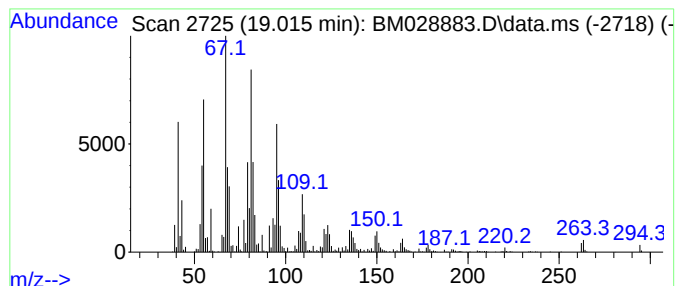
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Peak Number 4 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	189.45 ng	2035710	Phenanthrene-d10	17.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99		
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		



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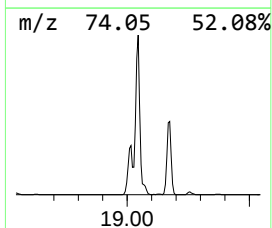
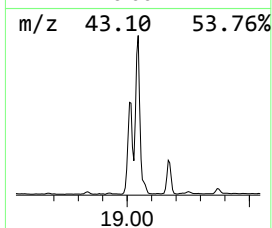
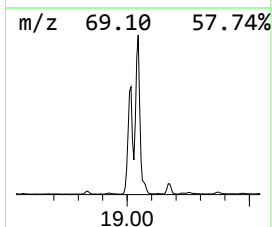
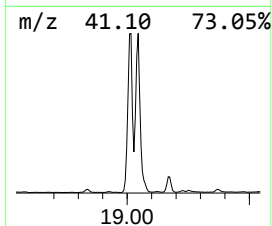
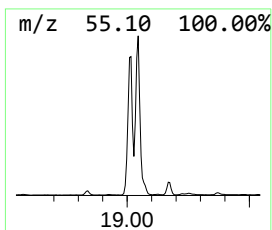
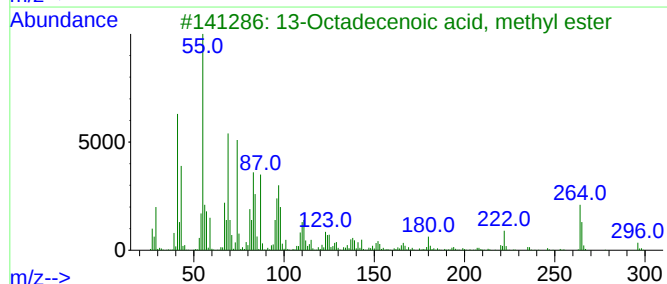
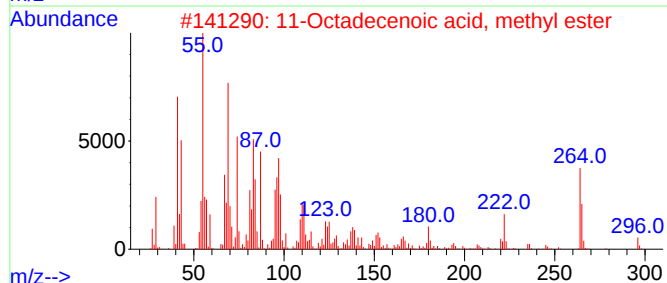
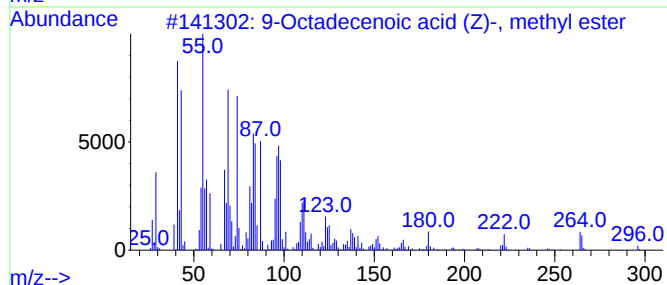
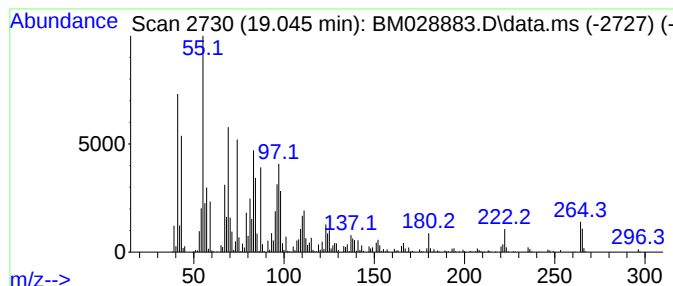
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Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.045	167.07 ng	1795260	Phenanthrene-d10	17.210	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



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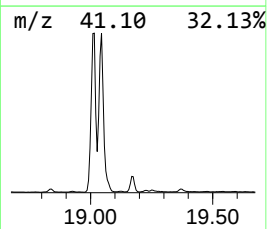
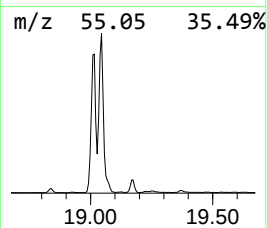
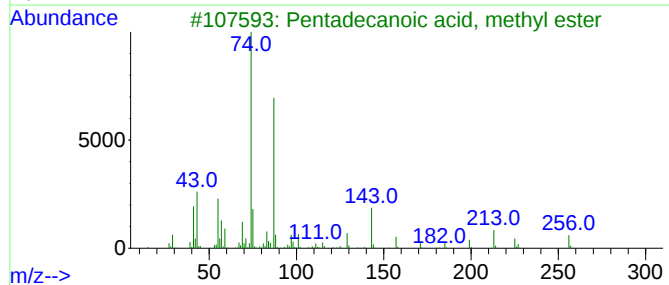
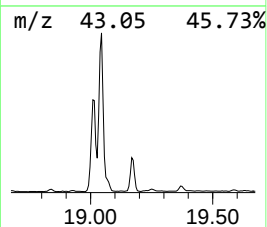
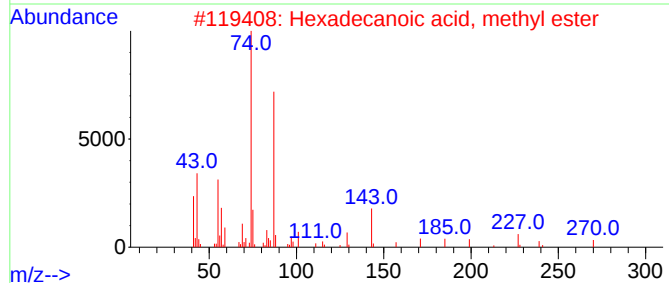
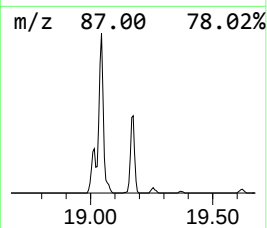
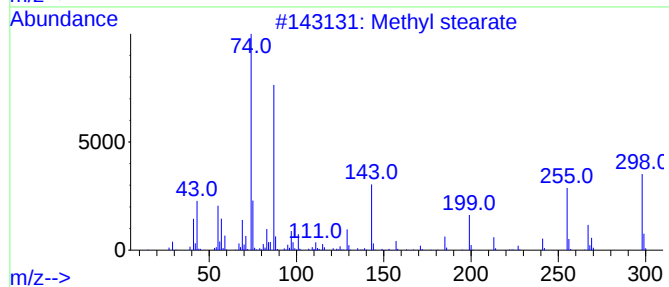
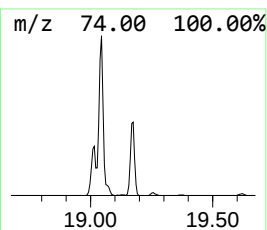
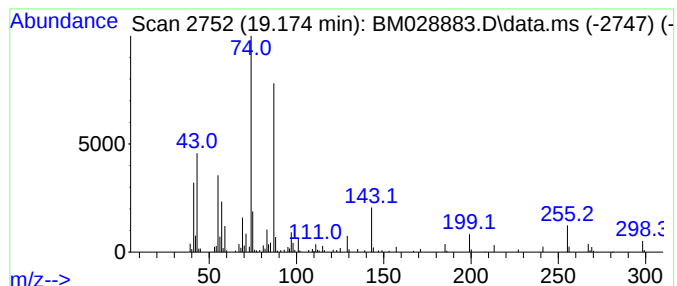
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	16.07 ng	172682	Phenanthrene-d10	17.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028883.D
Acq On : 24 Feb 2021 17:31
Operator : CG/JU
Sample : M1469-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-08-022321

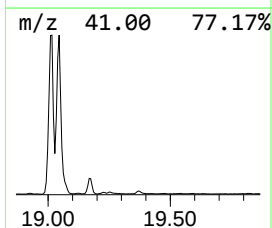
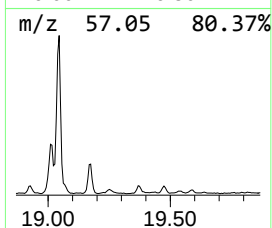
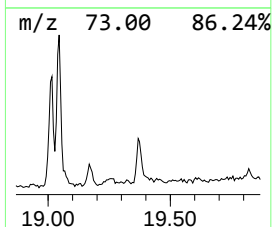
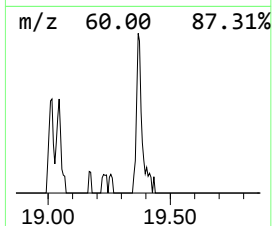
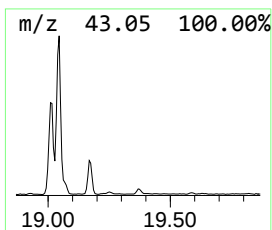
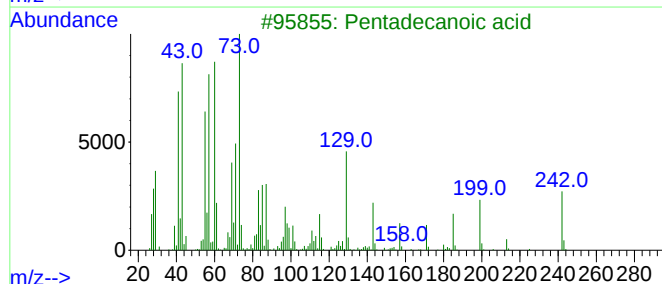
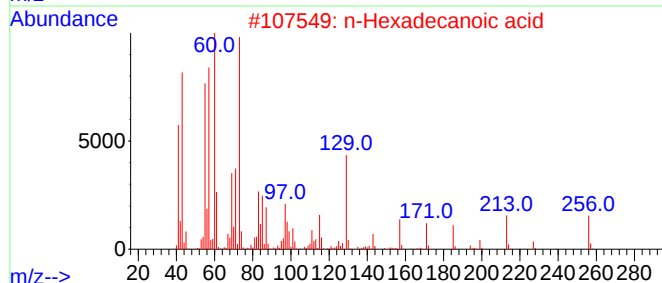
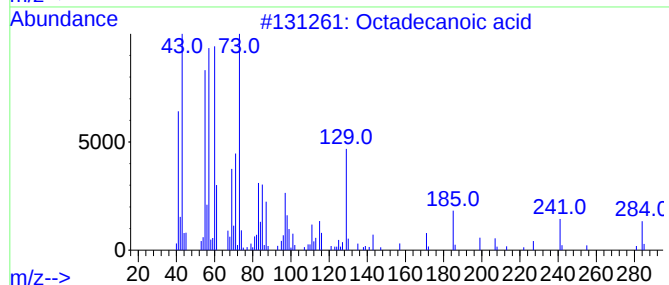
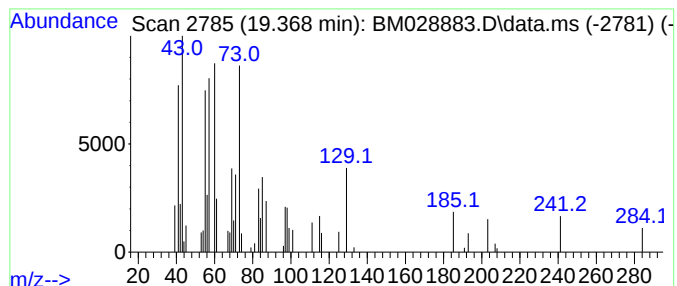
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	2.38 ng	28283	Chrysene-d12	21.368

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	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028883.D
Acq On : 24 Feb 2021 17:31
Operator : CG/JU
Sample : M1469-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-08-022321

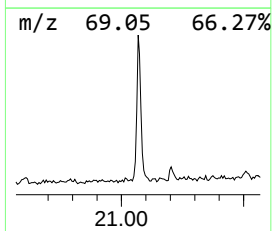
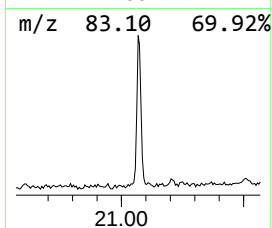
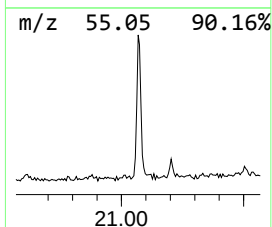
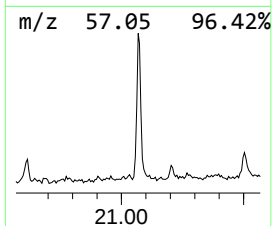
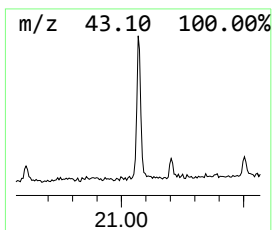
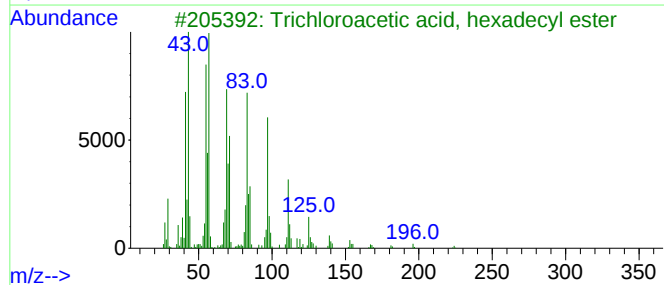
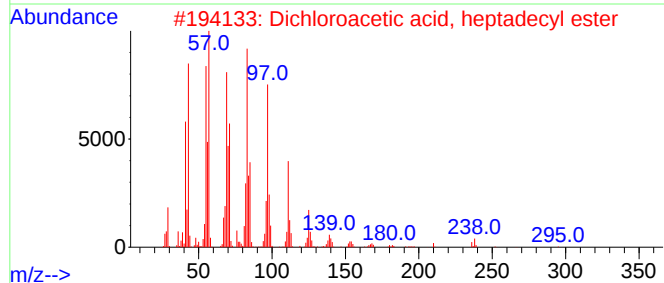
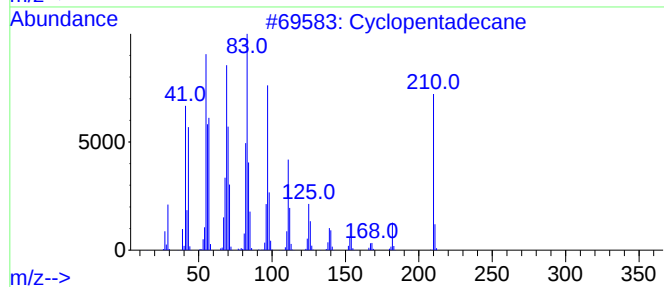
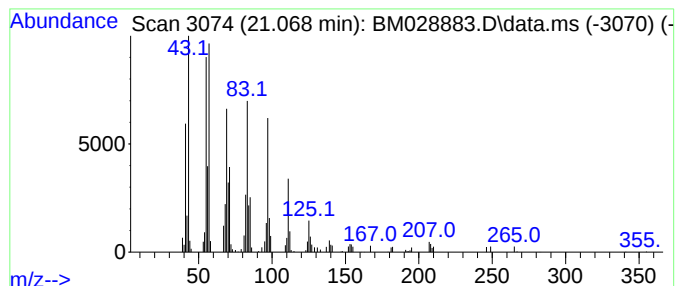
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.068	7.94 ng	94366	Chrysene-d12	21.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	97
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
5			1-Docosene	308	C22H44	001599-67-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028883.D
Acq On : 24 Feb 2021 17:31
Operator : CG/JU
Sample : M1469-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-08-022321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Hexadecanoic ac...	17.868	31.7	ng	340593	4	17.210	214912	20.0
n-Hexadecanoic ...	18.098	10.3	ng	110401	4	17.210	214912	20.0
2,4,4,6,6,8,8-H...	18.839	3.8	ng	41273	4	17.210	214912	20.0
10,13-Octadecad...	19.015	189.4	ng	2035710	4	17.210	214912	20.0
9-Octadecenoic ...	19.045	167.1	ng	1795260	4	17.210	214912	20.0
Methyl stearate	19.174	16.1	ng	172682	4	17.210	214912	20.0
Octadecanoic acid	19.368	2.4	ng	28283	5	21.368	237758	20.0
Cyclopentadecane	21.068	7.9	ng	94366	5	21.368	237758	20.0