

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029622.D
 Acq On : 23 Apr 2021 20:44
 Operator : CG/JU
 Sample : M2110-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-5

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-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	392	398	410	rBV	989064	1450654	36.87%	7.174%
2	6.810	658	667	681	rBV	999075	1585102	40.29%	7.839%
3	7.628	800	806	814	rBV	315860	506820	12.88%	2.506%
4	8.786	995	1003	1019	rBV	581277	1007780	25.62%	4.984%
5	10.410	1271	1279	1290	rBV	403167	682063	17.34%	3.373%
6	12.892	1694	1701	1714	rBV	1752328	2557809	65.02%	12.649%
7	13.733	1839	1844	1849	rBV	40249	62413	1.59%	0.309%
8	14.274	1928	1936	1943	rBV	637559	952042	24.20%	4.708%
9	15.768	2183	2190	2203	rBV	1327439	1910606	48.57%	9.448%
10	17.021	2396	2403	2408	rBV	742721	1097681	27.90%	5.428%
11	17.868	2542	2547	2551	rBV3	34049	61467	1.56%	0.304%
12	17.927	2552	2557	2565	rVV	284667	400455	10.18%	1.980%
13	19.080	2748	2753	2757	rBV	74640	143259	3.64%	0.708%
14	19.209	2771	2775	2787	rBV2	196761	347022	8.82%	1.716%
15	19.439	2811	2814	2818	rBV	54192	64078	1.63%	0.317%
16	19.650	2845	2850	2860	rBV	3161604	3934045	100.00%	19.455%
17	20.927	3063	3067	3075	rBV	336613	516724	13.13%	2.555%
18	21.203	3109	3114	3118	rBV	1041114	1338056	34.01%	6.617%
19	22.044	3253	3257	3261	rBV	260148	307003	7.80%	1.518%
20	23.391	3481	3486	3493	rVB	707663	1296351	32.95%	6.411%

Sum of corrected areas: 20221430

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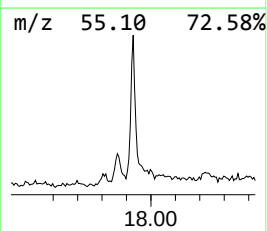
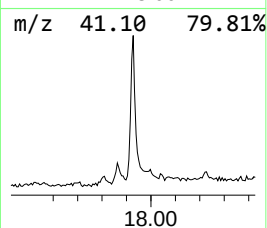
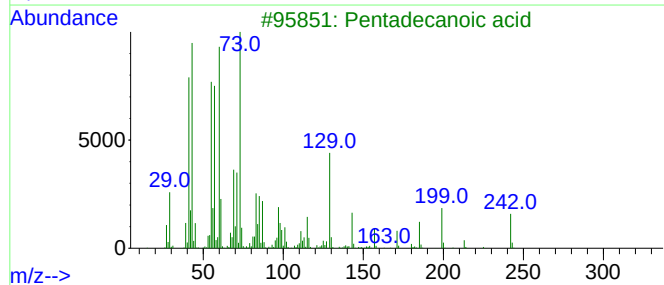
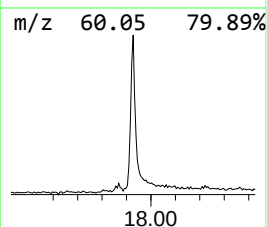
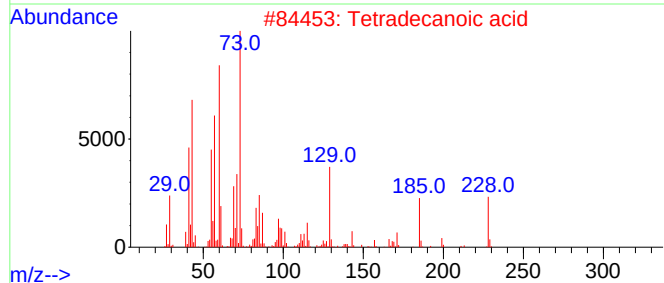
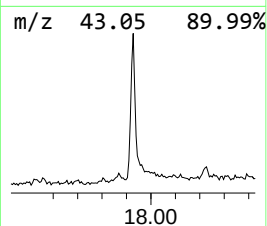
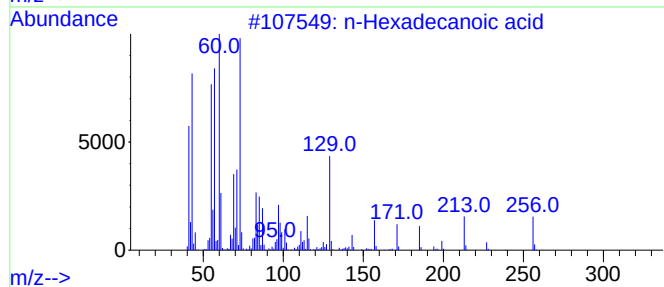
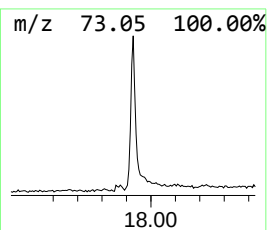
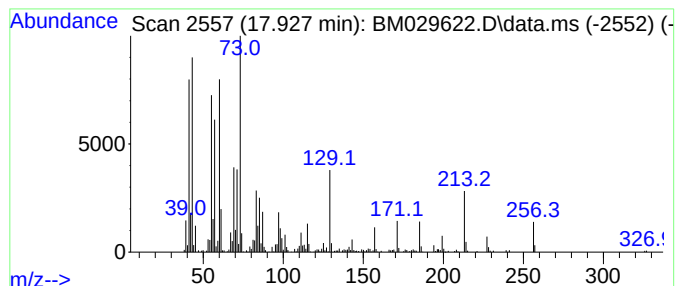
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	7.30 ng	400455	Phenanthrene-d10	17.021

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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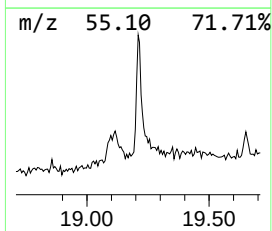
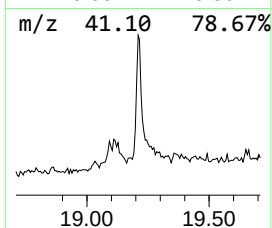
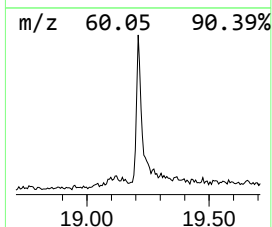
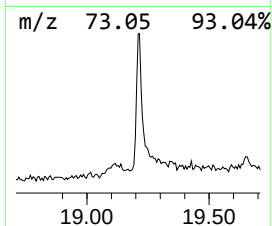
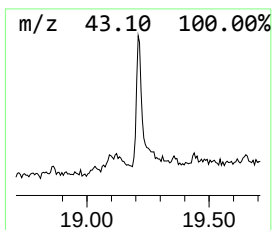
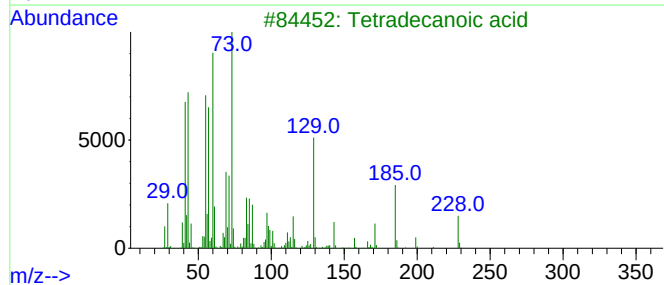
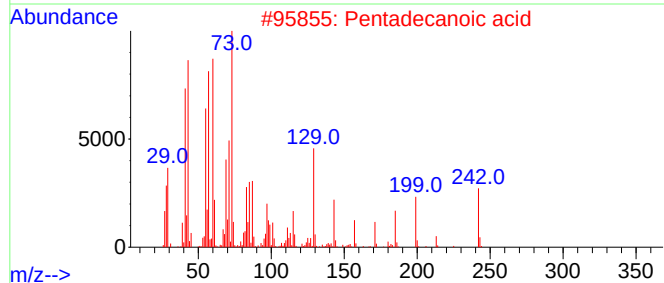
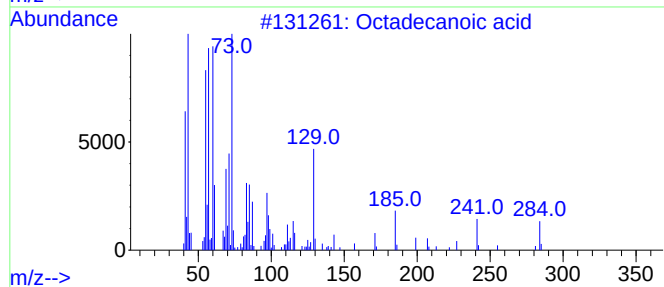
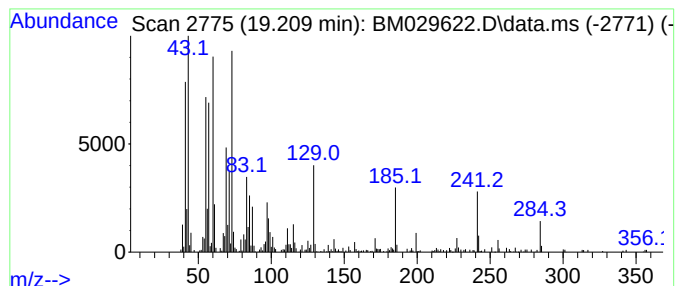
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.209	5.19 ng	347022	Chrysene-d12	21.203

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	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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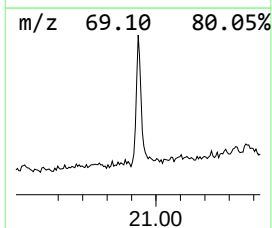
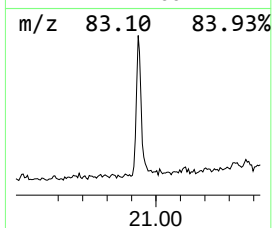
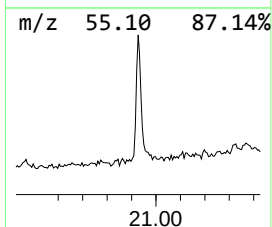
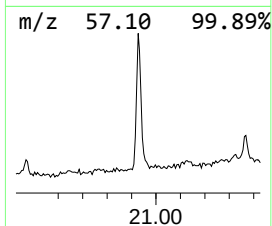
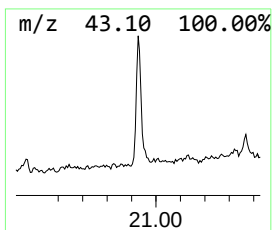
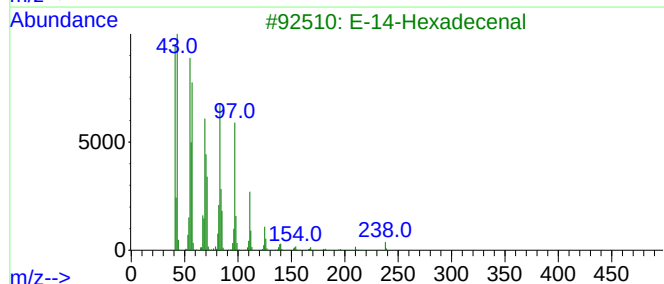
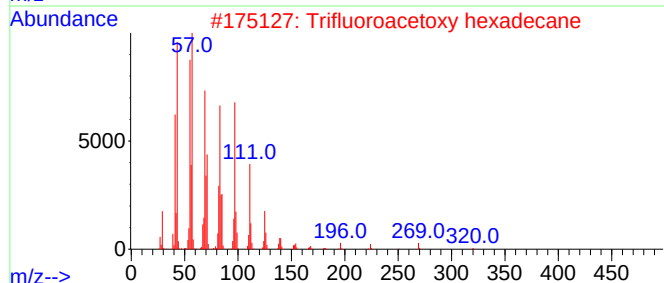
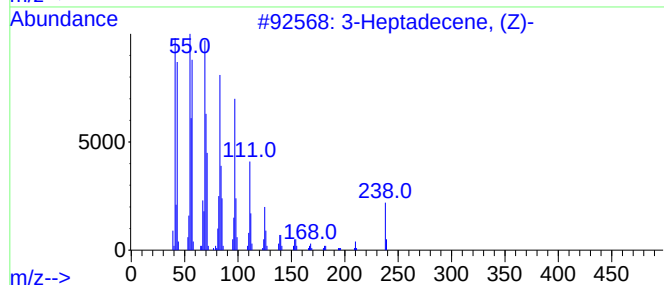
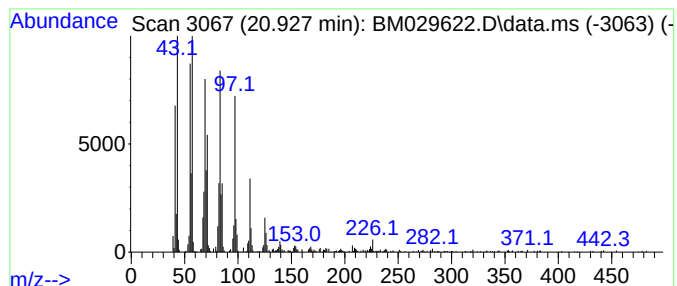
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Peak Number 4 3-Heptadecene, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	7.72 ng	516724	Chrysene-d12	21.203

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	94
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			E-14-Hexadecenal	238	C16H30O	330207-53-9	92
4			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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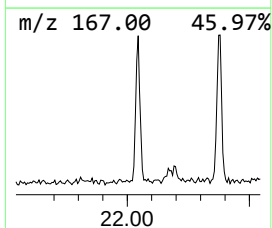
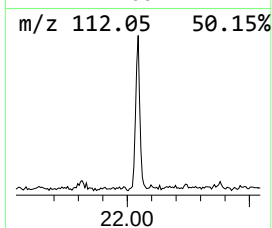
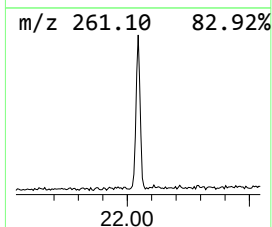
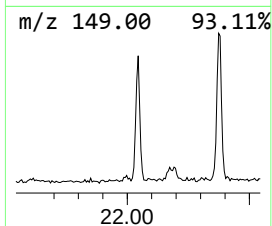
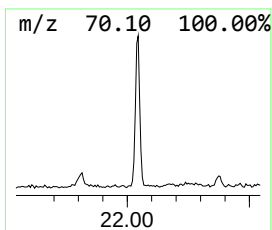
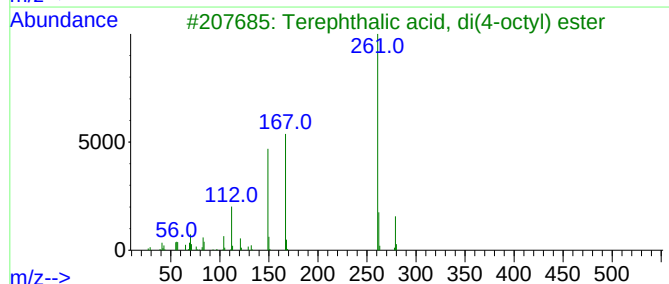
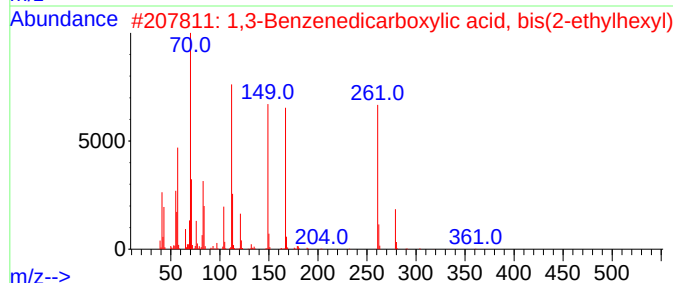
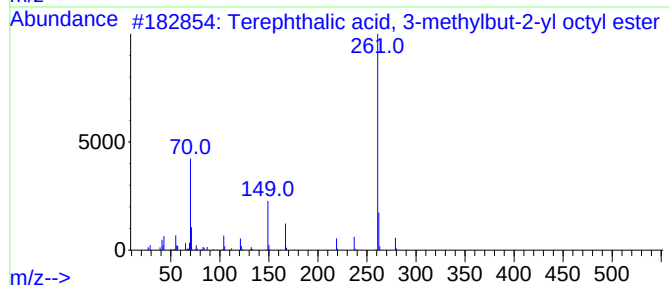
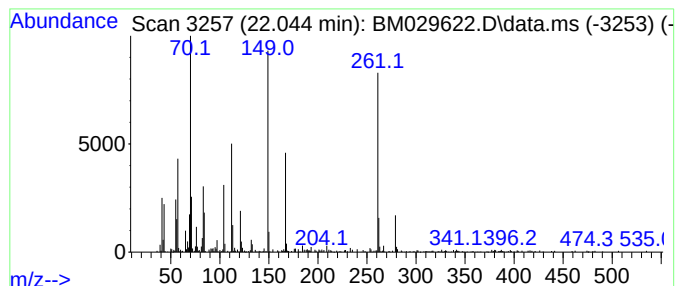
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Peak Number 5 Terephthalic acid, 3-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.044	4.59 ng	307003	Chrysene-d12	21.203

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	80
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
3			Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	38
4			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	38
5			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.927	7.3	ng	400455	4	17.021	1097680	20.0
Octadecanoic acid	19.209	5.2	ng	347022	5	21.203	1338060	20.0
3-Heptadecene, ...	20.927	7.7	ng	516724	5	21.203	1338060	20.0
Terephthalic ac...	22.044	4.6	ng	307003	5	21.203	1338060	20.0