LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016453.D
Acq On : 01 Aug 2023 13:21
Operator : MA/JU
Sample : 03686-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-18-16-18-20230720

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_P\Methods\8270E-BP072723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.587	384	391	401	rBV	6414424	9529937	47.18%	9.935%
2	7.216	659	668	683	rBV	6518658	10404056	51.51%	10.846%
3	7.657	736	743	754	rBV	130308	205993	1.02%	0.215%
4	8.075	806	814	828	rBV	1398830	2446932	12.11%	2.551%
5	9.275	1006	1018	1029	rBV	4042602	6572999	32.54%	6.852%
6	10.910	1288	1296	1303	rBV	2066407	3379583	16.73%	3.523%
7	13.351	1704	1711	1719	rVB	10380744	15268197	75.59%	15.917%
8	13.922	1802	1808	1820	rBV	455771	647677	3.21%	0.675%
9	14.728	1935	1945	1952	rBV	3023308	4423019	21.90%	4.611%
10	16.134	2153	2184	2185	rBV8	183105	905390	4.48%	0.944%
11	16.222	2193	2199	2213	rVB	4606048	6521205	32.29%	6.798%
12	17.492	2408	2415	2425	rBV	3854055	5201566	25.75%	5.423%
13	18.333	2553	2558	2566	rBV	399171	583769	2.89%	0.609%
14	19.563	2763	2767	2777	rBV	192027	291280	1.44%	0.304%
15	20.039	2842	2848	2853	rBV	16532078	20198610	100.00%	21.057%
16	21.251	3049	3054	3065	rBV	653315	1038009	5.14%	1.082%
17	21.586	3106	3111	3120	rVB	3488403	4429585	21.93%	4.618%
18	24.186	3545	3553	3567	rVB	1794775	3874505	19.18%	4.039%

Sum of corrected areas: 95922312

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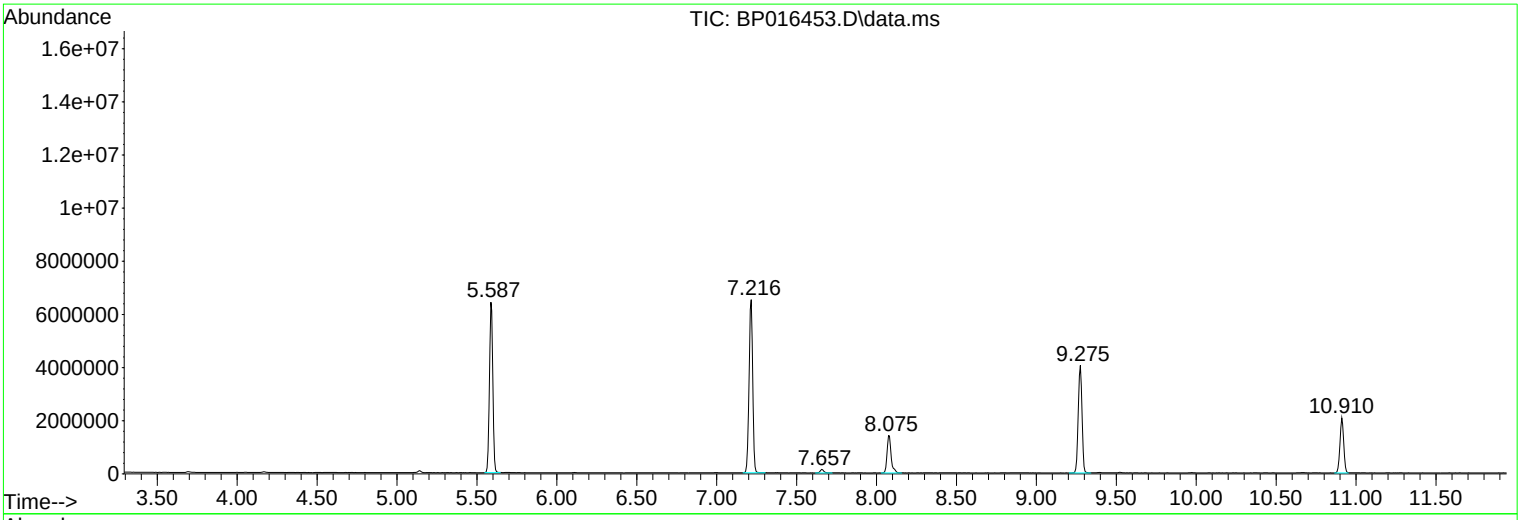
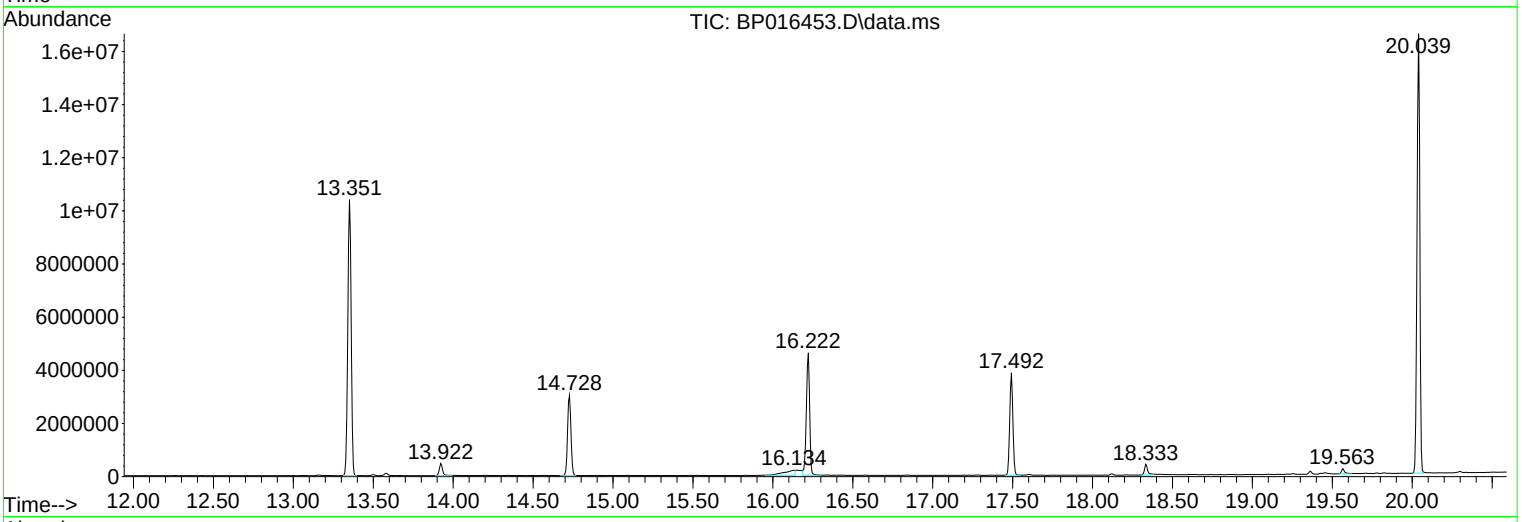
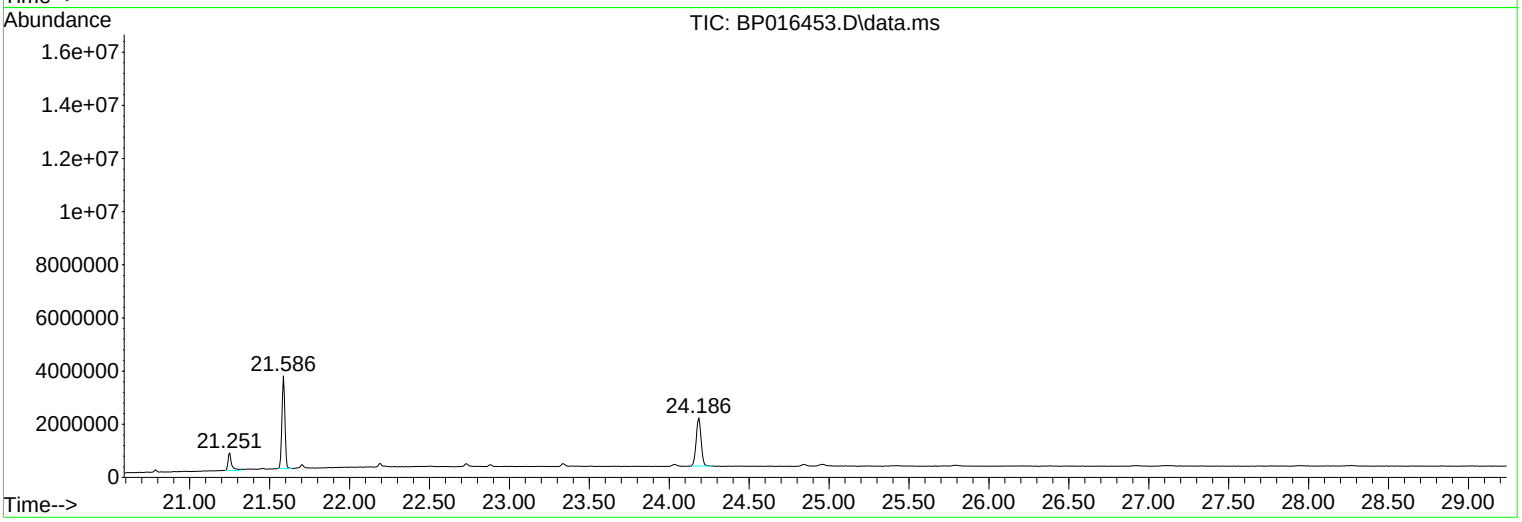
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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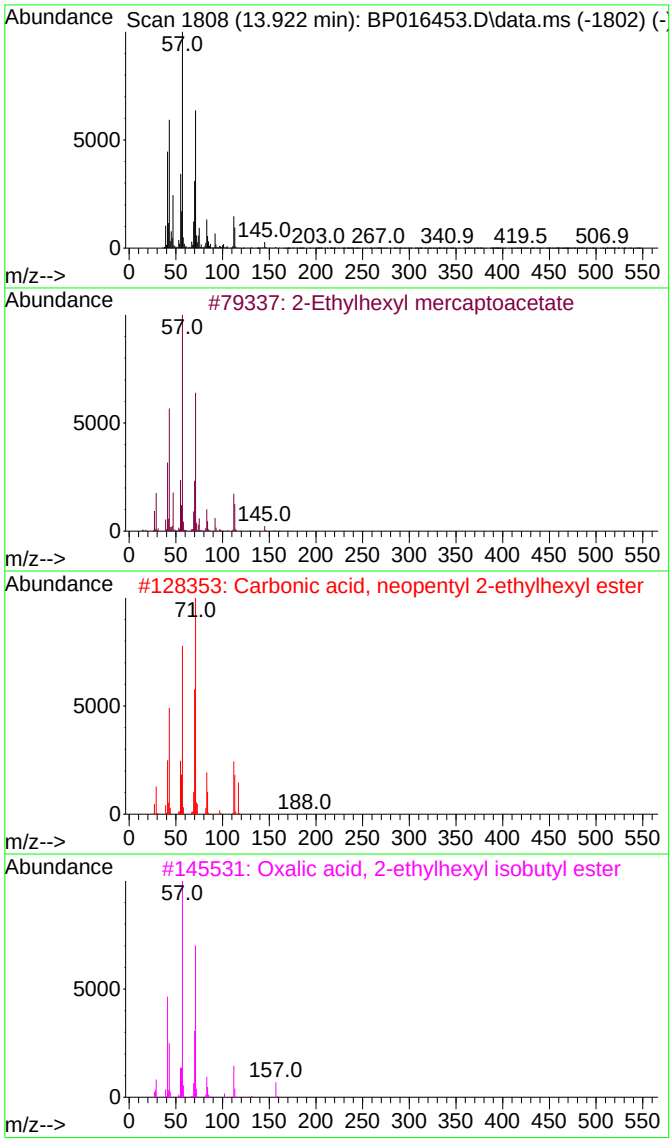
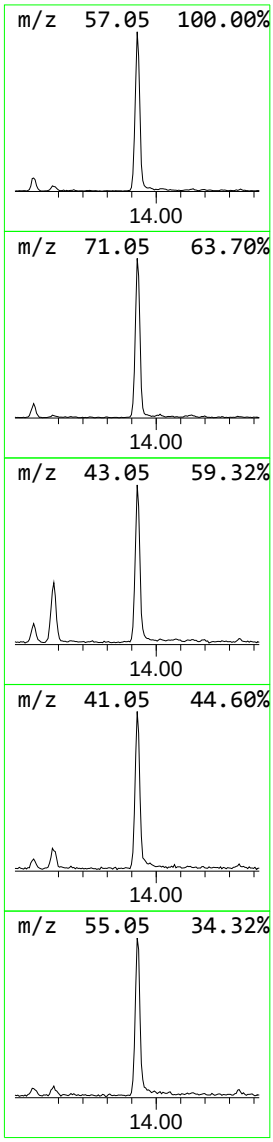
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethylhexyl mercaptoacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	2.93 ng	647677	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
2	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	58
3	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	58
4	Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	53
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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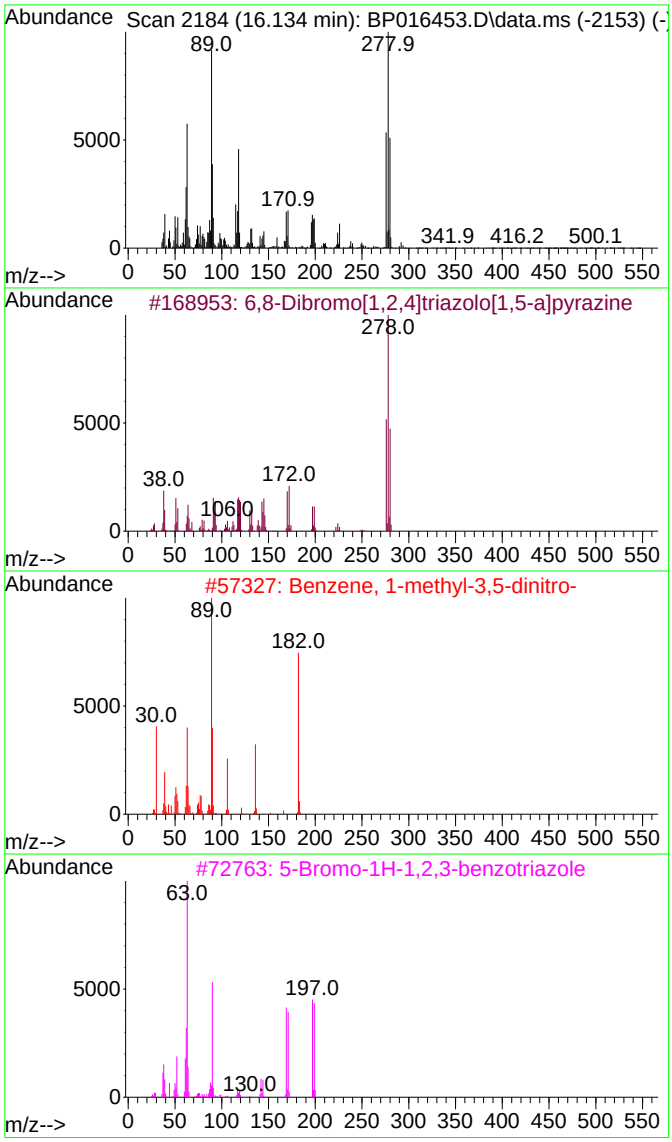
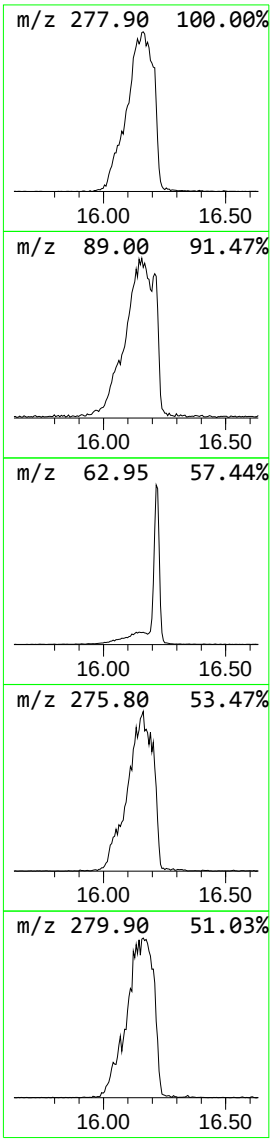
Peak Number 2 unknown16.134 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	3.48 ng	905390	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,8-Dibromo[1,2,4]triazolo[1,5-a...	276	C5H2Br2N4	944709-42-6	44
2	Benzene, 1-methyl-3,5-dinitro-	182	C7H6N2O4	000618-85-9	38
3	5-Bromo-1H-1,2,3-benzotriazole	197	C6H4BrN3	032046-62-1	35
4	1-(1-(Methylthio)propyl)-2-propy...	196	C7H16S3	126876-22-0	27
5	Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	27





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Operator : MA/JU
Sample : 03686-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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TIC Integration Parameters: LSCINT.P

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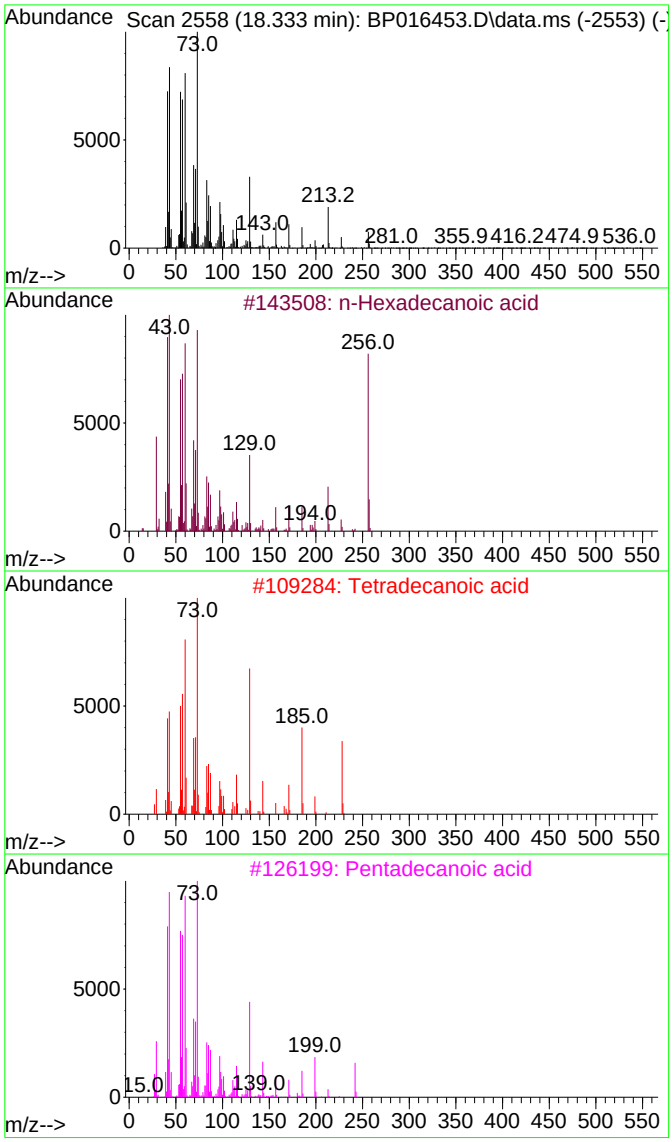
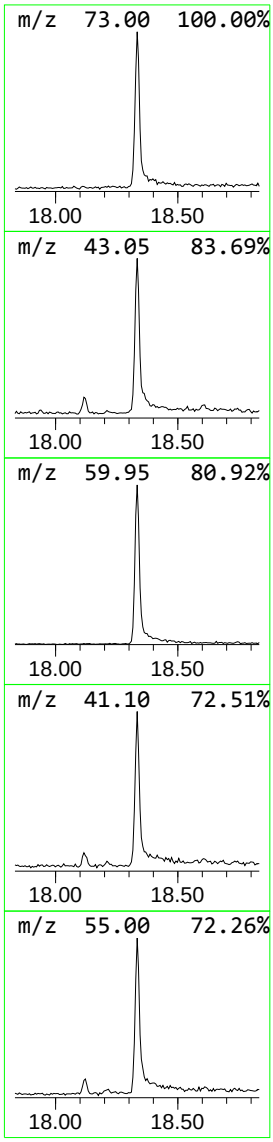
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.24 ng	583769	Phenanthrene-d10	17.492

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	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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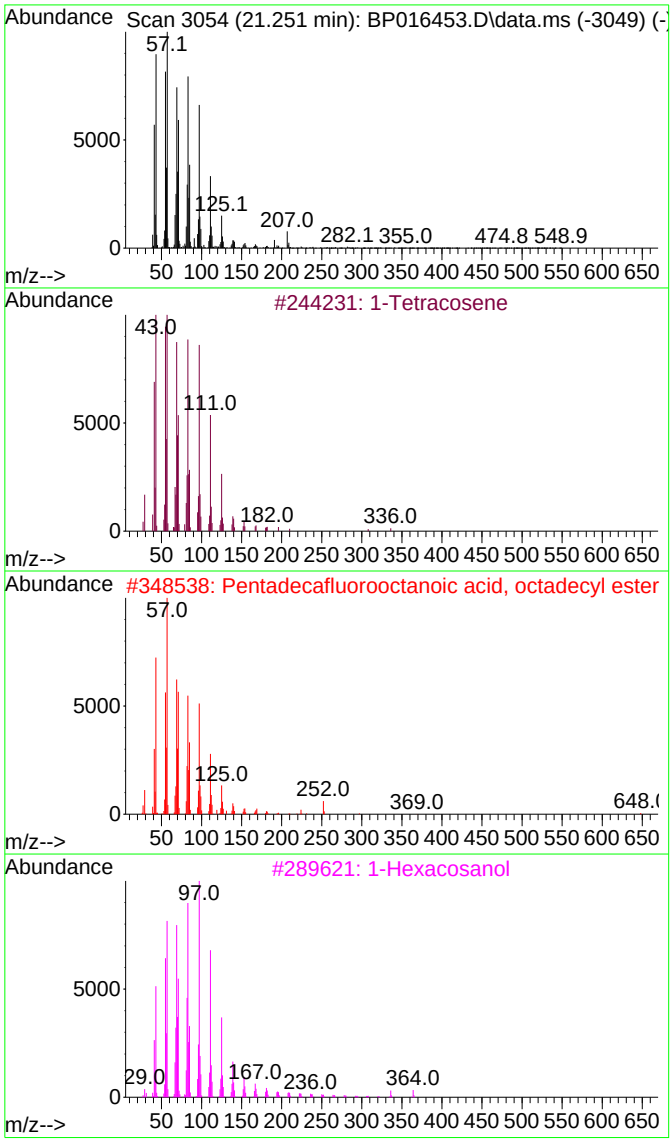
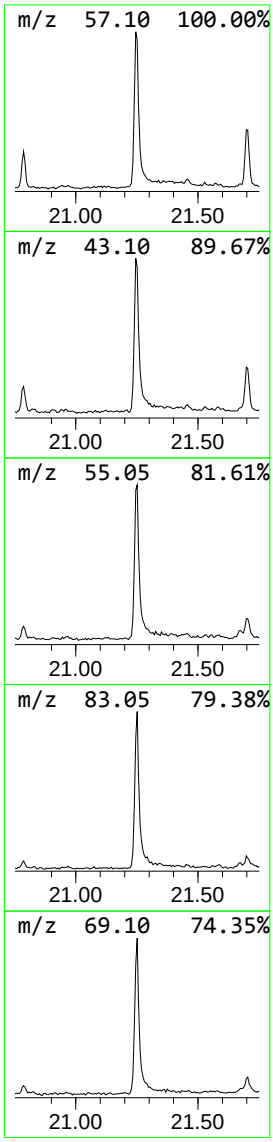
Peak Number 4 1-Tetracosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	4.69 ng	1038010	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	89
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethylhexyl me...	13.922	2.9	ng	647677	3	14.728	4423020	20.0
unknown16.134	16.134	3.5	ng	905390	4	17.492	5201570	20.0
n-Hexadecanoic ...	18.333	2.2	ng	583769	4	17.492	5201570	20.0
1-Tetracosene	21.251	4.7	ng	1038010	5	21.586	4429590	20.0