LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
Data File : BP014126.D
Acq On : 17 Mar 2023 18:10
Operator : CG/JU
Sample : 01954-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SV-TP2-0316

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-BP030623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP014126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.134	325	331	340	rBV	784516	1073552	17.38%	3.359%
2	5.605	404	411	424	rBV	1803095	2602333	42.13%	8.144%
3	7.216	678	685	698	rBV	1595717	2648981	42.89%	8.290%
4	8.058	817	828	836	rBV	418689	688425	11.15%	2.154%
5	9.234	1021	1028	1034	rBV	1037524	1679235	27.19%	5.255%
6	10.834	1295	1300	1303	rBV	40306	62726	1.02%	0.196%
7	10.881	1303	1308	1321	rVB	516206	892028	14.44%	2.791%
8	13.328	1716	1724	1735	rBV	2546039	3734910	60.47%	11.688%
9	14.575	1929	1936	1948	rBV3	28907	76956	1.25%	0.241%
10	14.704	1952	1958	1968	rVB	807129	1182292	19.14%	3.700%
11	16.063	2183	2189	2194	rBV	129191	183648	2.97%	0.575%
12	16.198	2205	2212	2230	rBV	2301171	3378131	54.69%	10.571%
13	17.463	2420	2427	2435	rBV	1025299	1477541	23.92%	4.624%
14	18.322	2568	2573	2585	rBV	491461	791827	12.82%	2.478%
15	19.439	2756	2763	2772	rBV10	44805	144352	2.34%	0.452%
16	19.551	2778	2782	2792	rBV	186234	342045	5.54%	1.070%
17	20.004	2853	2859	2866	rBV	5087615	6176842	100.00%	19.329%
18	20.727	2978	2982	2985	rBV	227695	241730	3.91%	0.756%
19	21.216	3061	3065	3070	rBV	624057	750590	12.15%	2.349%
20	21.545	3116	3121	3129	rBV	1369153	1817266	29.42%	5.687%
21	24.080	3546	3552	3566	rVB2	935935	2010307	32.55%	6.291%

Sum of corrected areas: 31955717

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ClientSampleId :
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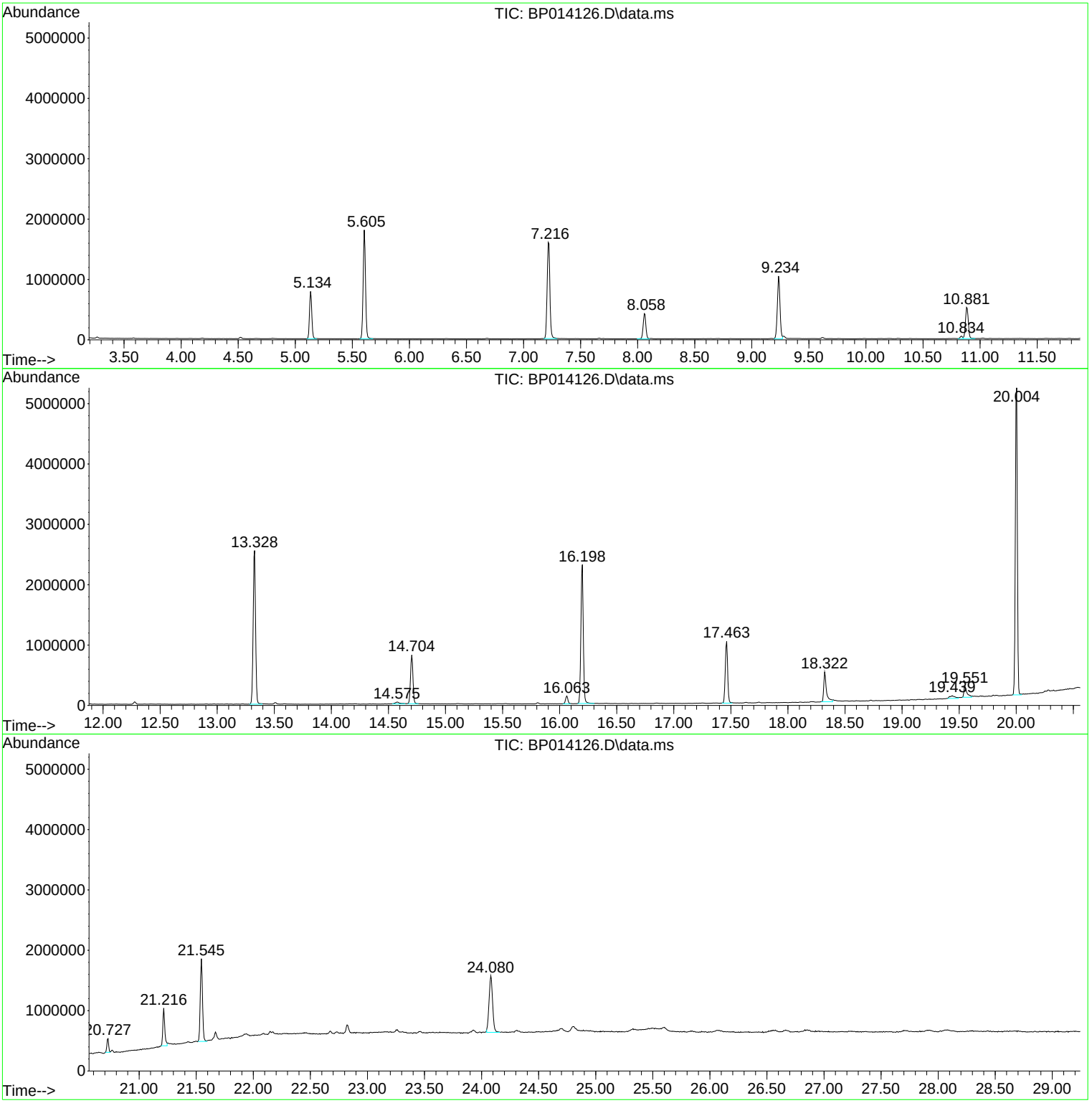
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP014126.D
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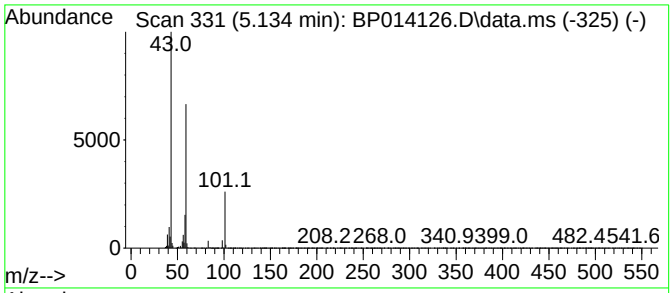
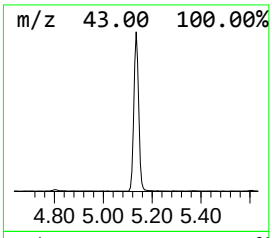
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

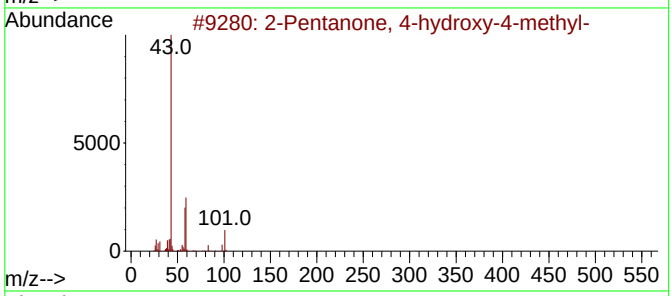
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

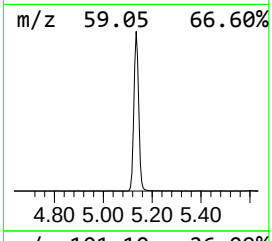
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	31.19 ng	1073550	1,4-Dichlorobenzene-d4	8.058

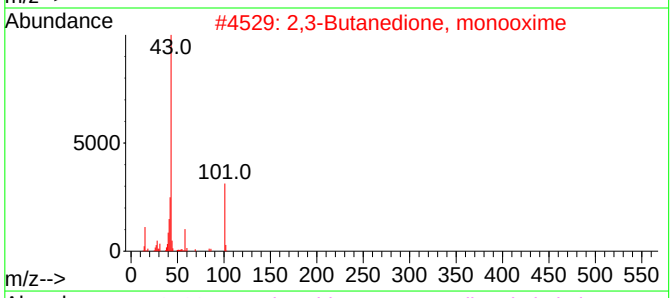
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9

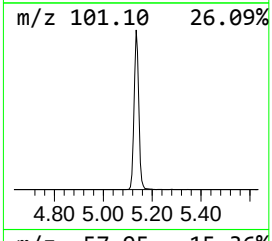


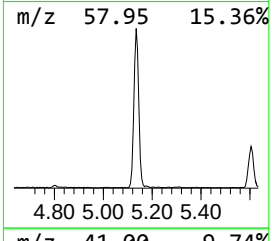


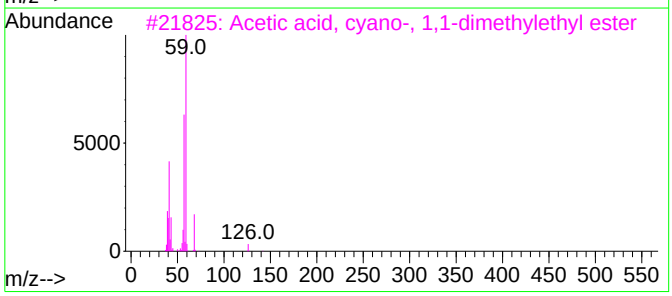


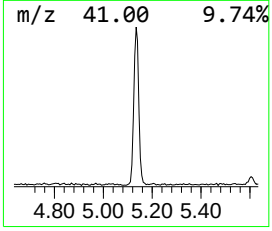












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Acq On : 17 Mar 2023 18:10
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Instrument :
BNA_P
ClientSampleId :
SV-TP2-0316

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

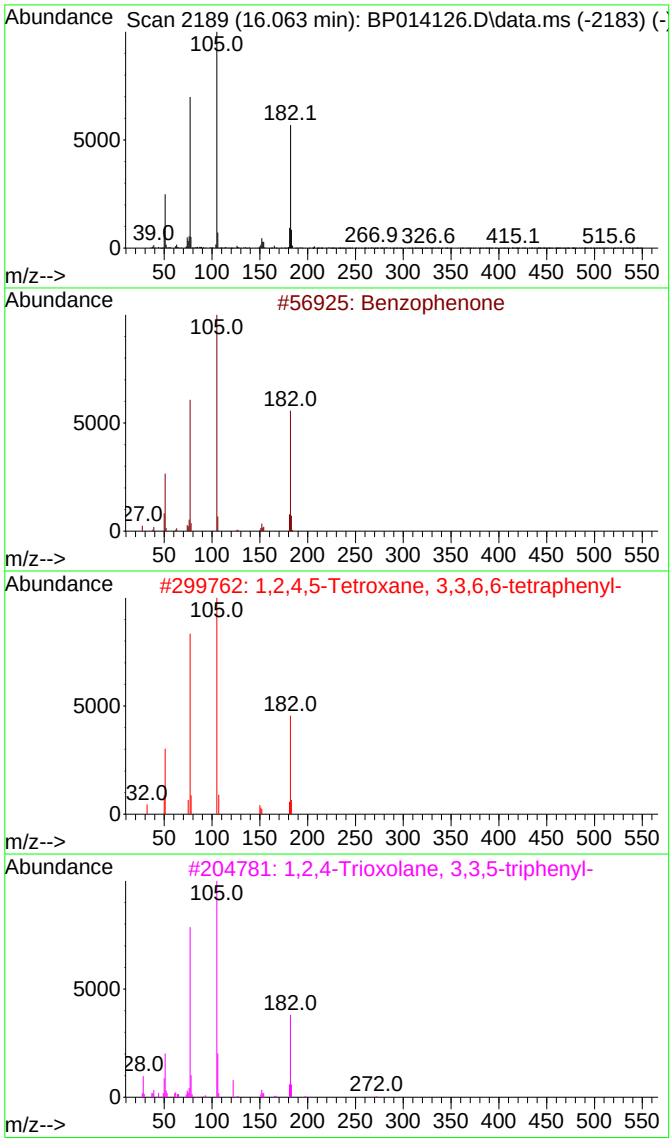
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

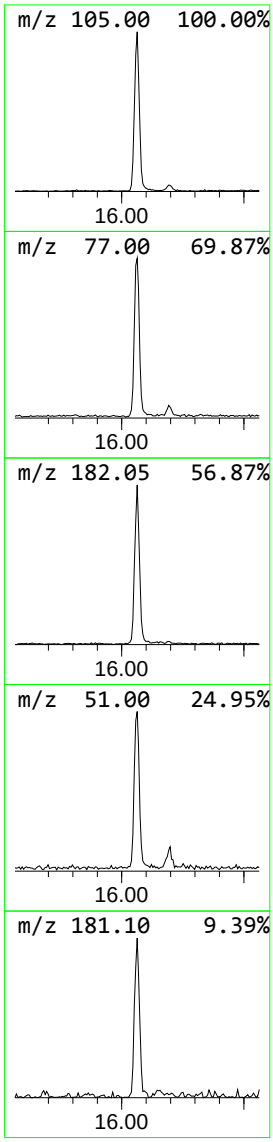
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	3.11 ng	183648	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
4	Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	56
5	Isovanillic acid, O-methoxycarbo...	226	C10H10O6	1000487-72-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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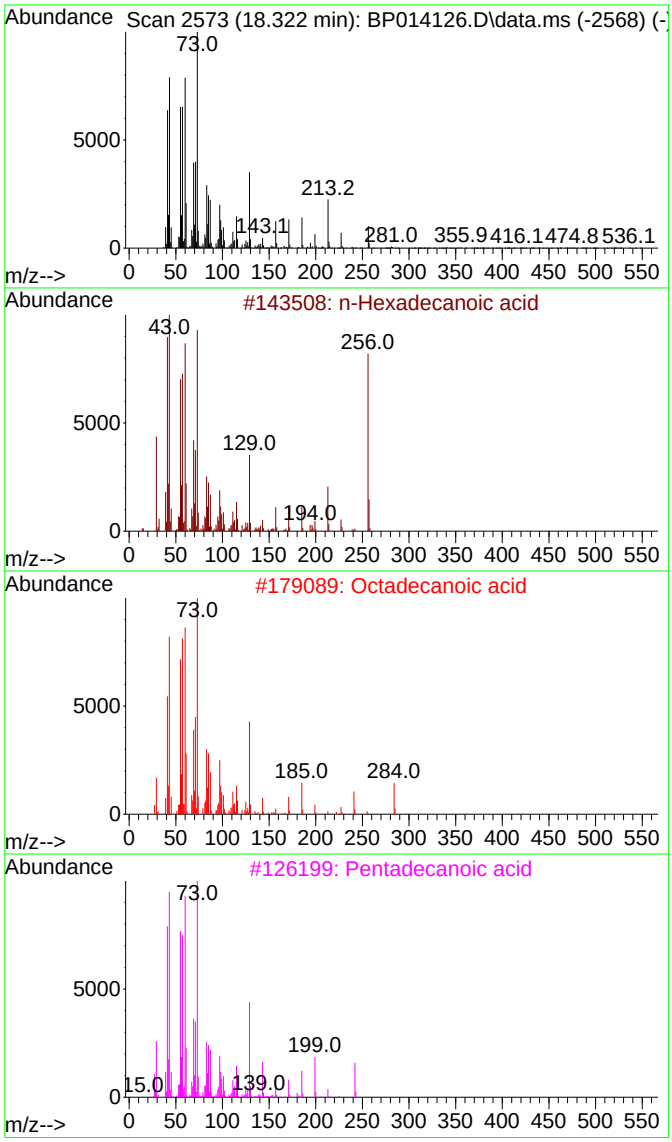
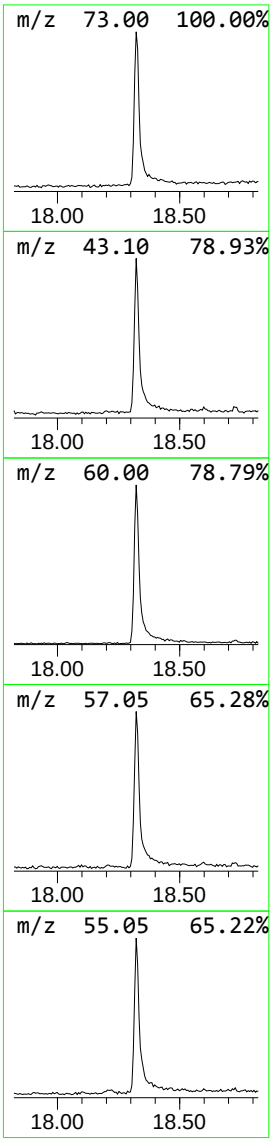
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	10.72 ng	791827	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
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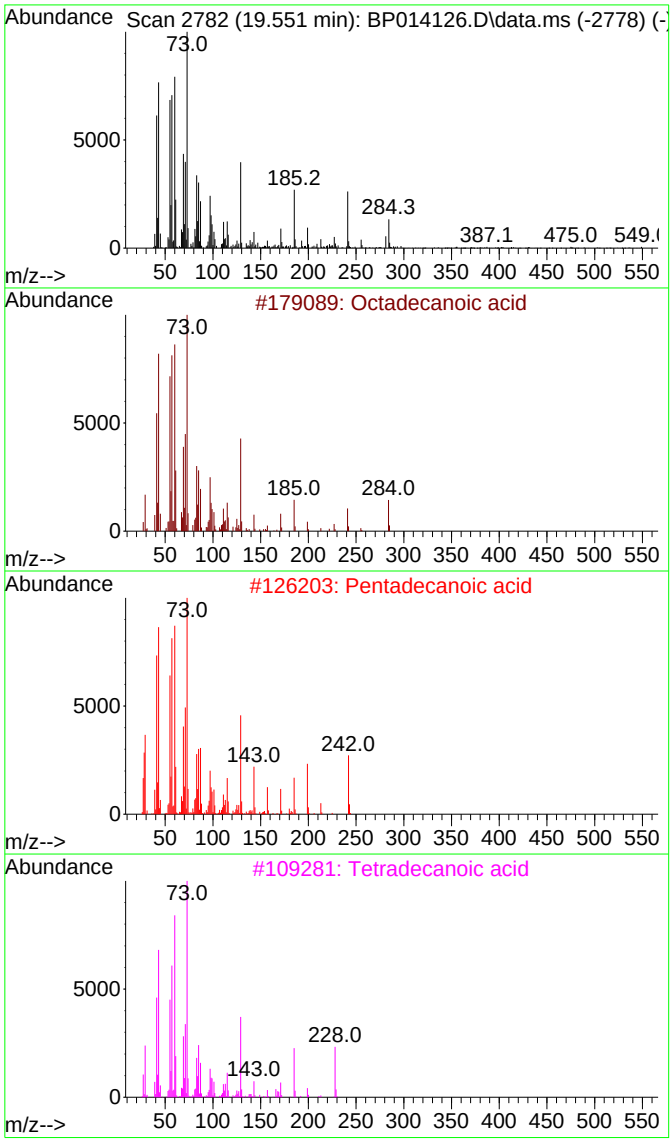
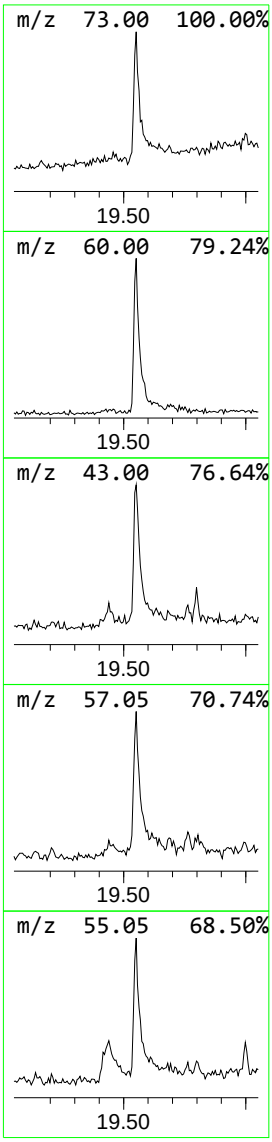
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.551	3.76 ng	342045	Chrysene-d12	21.545

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





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BNA_P
ClientSampleId :
SV-TP2-0316

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

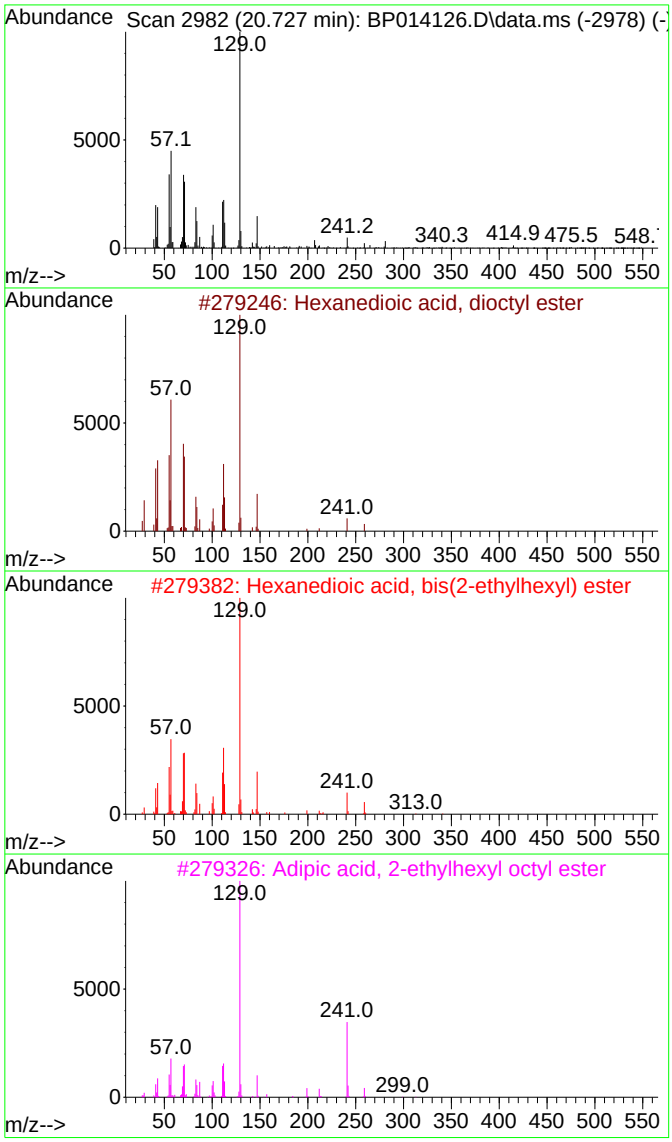
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

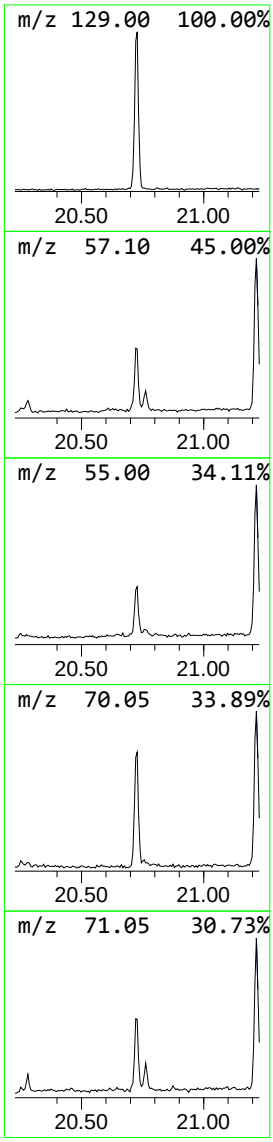
****

Peak Number 5 Hexanedioic acid, dioctyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	2.66 ng	241730	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	93
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	50





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TIC Library : C:\Database\NIST20.L
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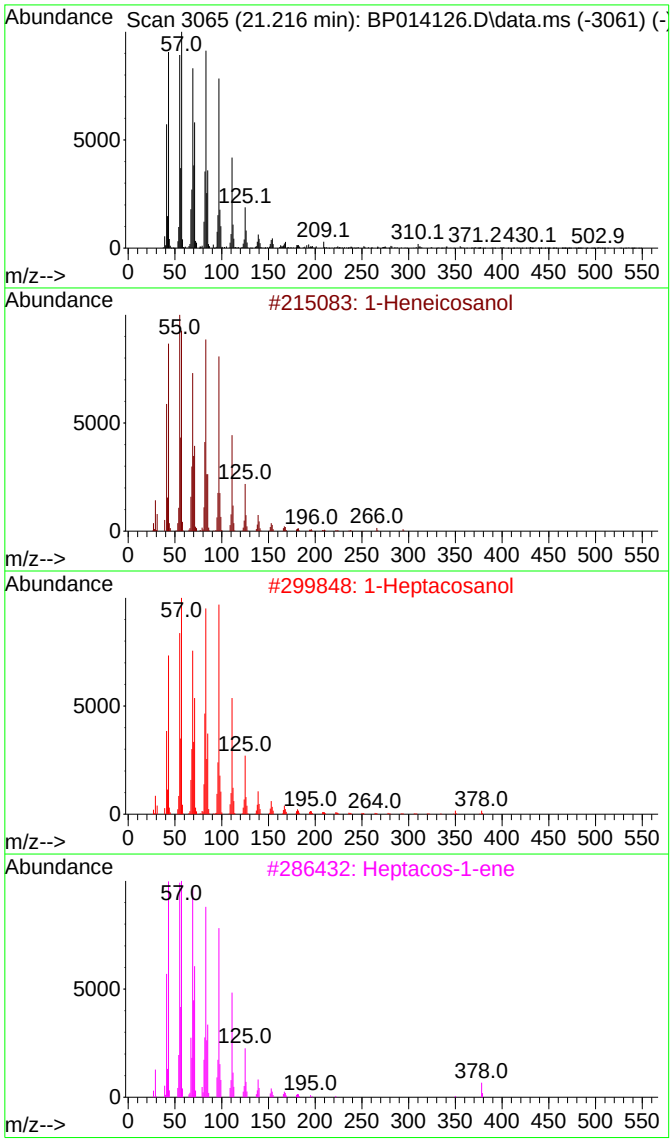
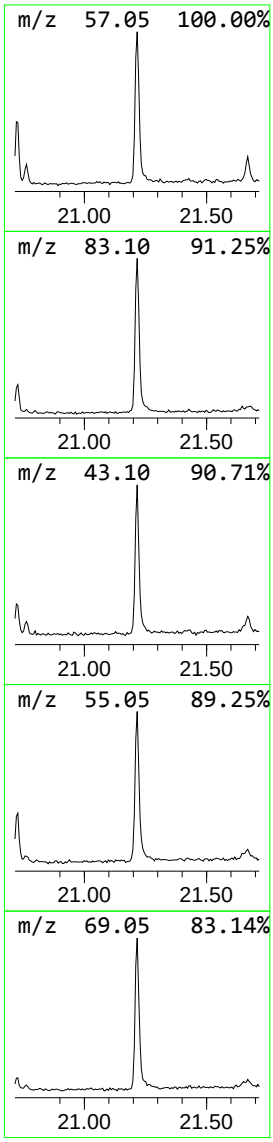
****

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	8.26 ng	750590	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.134	31.2	ng	1073550	1	8.058	688425	20.0
Benzophenone	16.063	3.1	ng	183648	3	14.704	1182290	20.0
n-Hexadecanoic ...	18.322	10.7	ng	791827	4	17.463	1477540	20.0
Octadecanoic acid	19.551	3.8	ng	342045	5	21.545	1817270	20.0
Hexanedioic aci...	20.727	2.7	ng	241730	5	21.545	1817270	20.0
1-Heneicosanol	21.216	8.3	ng	750590	5	21.545	1817270	20.0