LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008670.D
Acq On : 04 Jan 2022 19:51
Operator : CG/JU
Sample : M5342-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(10-15)

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.999	337	342	353	rVB	478712	724831	1.72%	0.417%
2	5.469	415	422	436	rBV	6758937	10351165	24.56%	5.957%
3	7.058	682	692	706	rBV	6440769	10551425	25.04%	6.073%
4	7.887	825	833	840	rBV	1898831	3141560	7.45%	1.808%
5	9.040	1021	1029	1042	rBV	4191677	6993304	16.59%	4.025%
6	10.469	1265	1272	1298	rBV	1653159	2786950	6.61%	1.604%
7	10.687	1301	1309	1321	rVB	2541241	4400684	10.44%	2.533%
8	13.146	1719	1727	1742	rBV	11711979	18350289	43.54%	10.561%
9	14.516	1953	1960	1980	rBV	3949487	6289229	14.92%	3.620%
10	16.004	2206	2213	2236	rBV	9601519	14551558	34.53%	8.375%
11	17.263	2420	2427	2440	rBV	5192025	7794424	18.50%	4.486%
12	18.157	2574	2579	2587	rBV	609063	977285	2.32%	0.562%
13	19.075	2731	2735	2739	rBV	392229	435071	1.03%	0.250%
14	19.392	2784	2789	2801	rBV	371969	671075	1.59%	0.386%
15	19.822	2856	2862	2874	rBV	20861732	25938796	61.55%	14.929%
16	21.063	3069	3073	3082	rBV2	893289	1258514	2.99%	0.724%
17	21.345	3116	3121	3130	rBV	6314667	8321559	19.75%	4.789%
18	21.469	3136	3142	3169	rBV	26681297	42141462	100.00%	24.254%
19	23.763	3525	3532	3544	rVB2	3847836	8073908	19.16%	4.647%

Sum of corrected areas: 173753089

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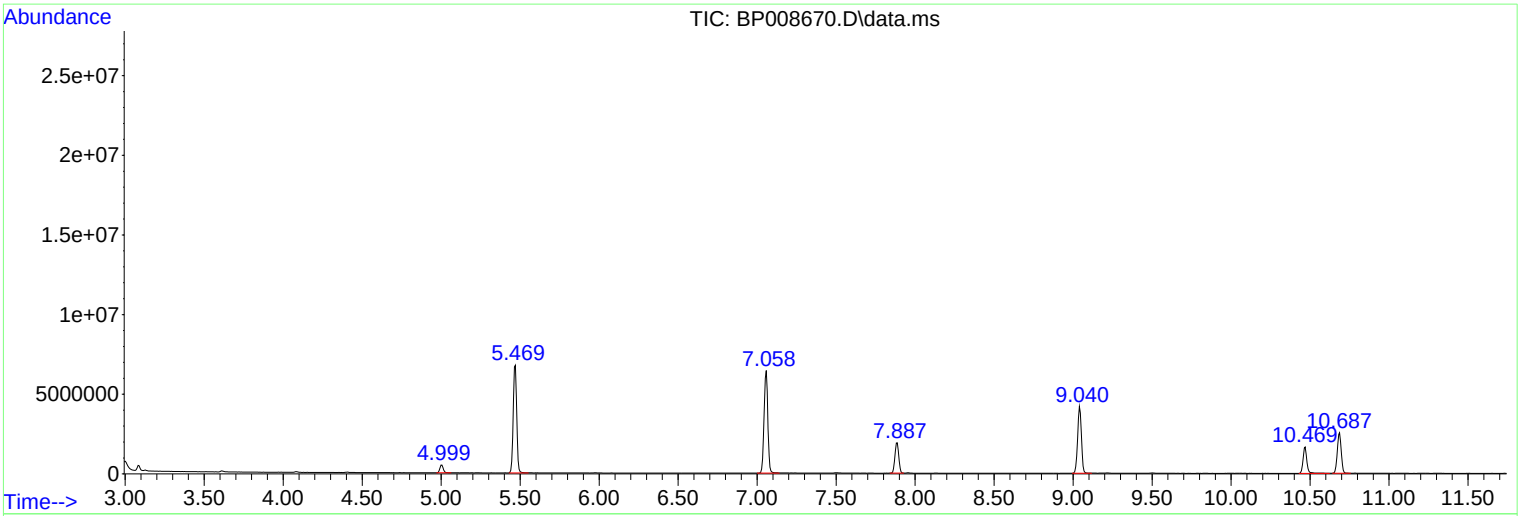
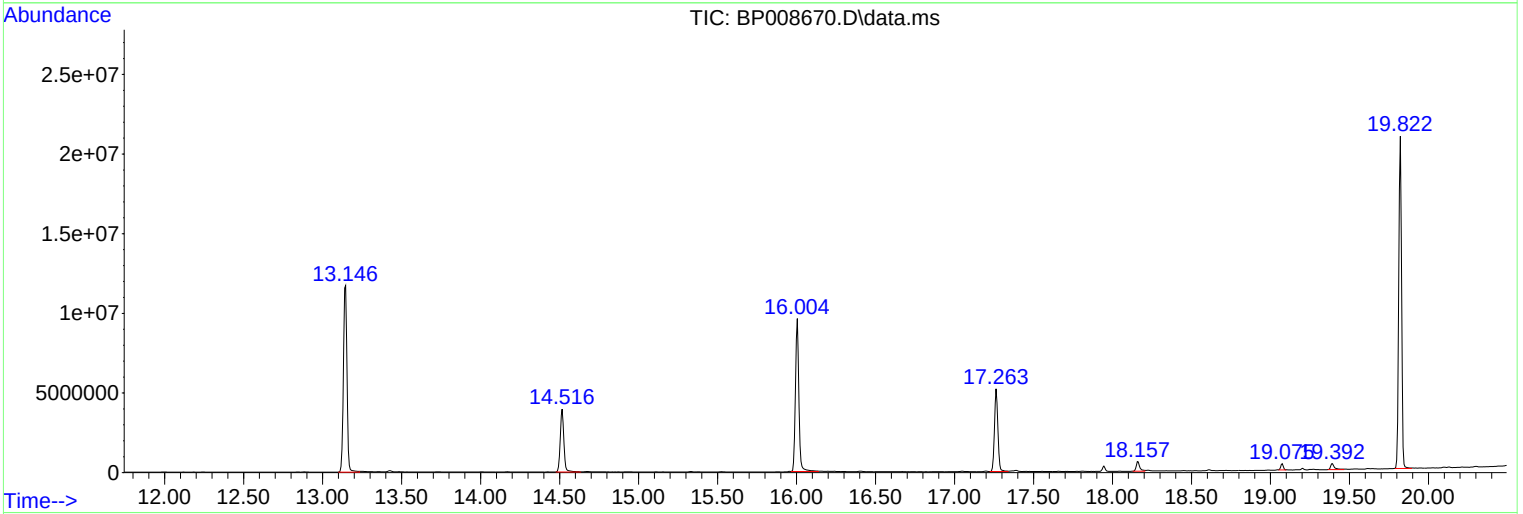
Misc :
ALS Vial : 9 Sample Multiplier: 1

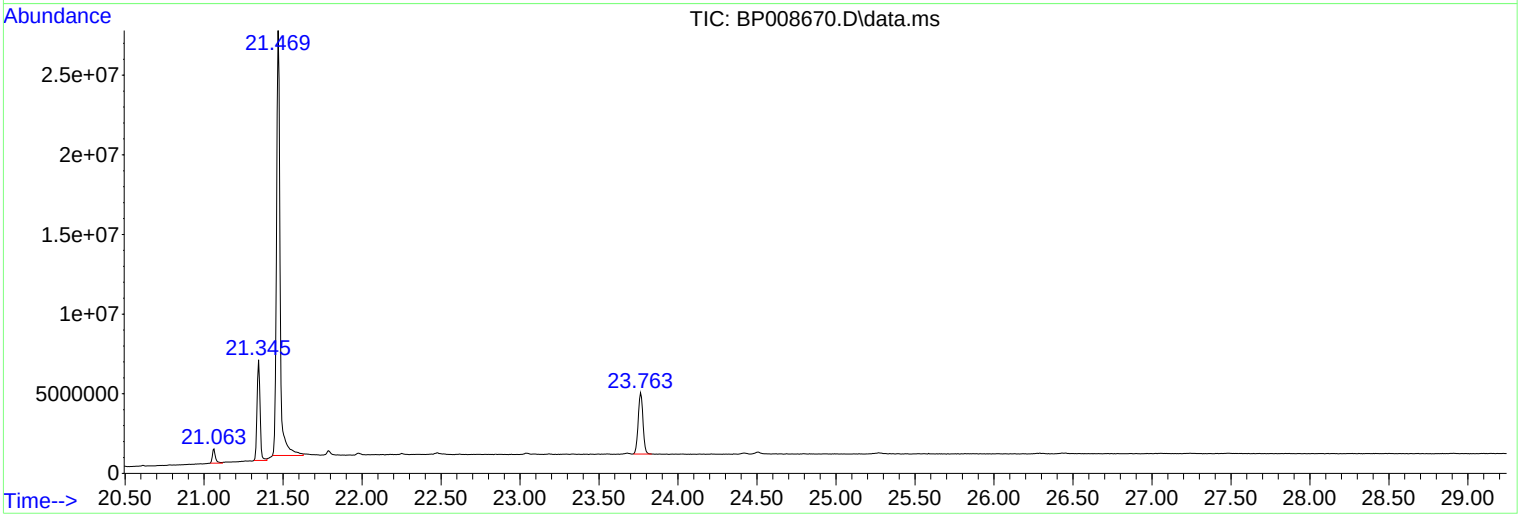
Instrument :
BNA_P
ClientSampleId :
SB-10-(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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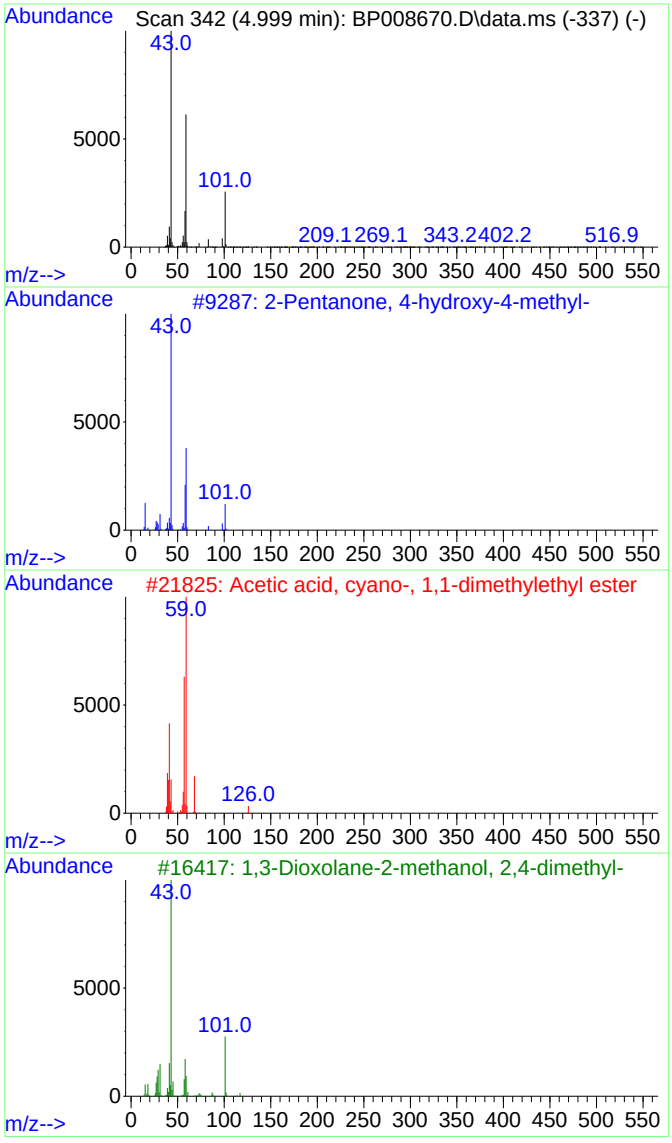
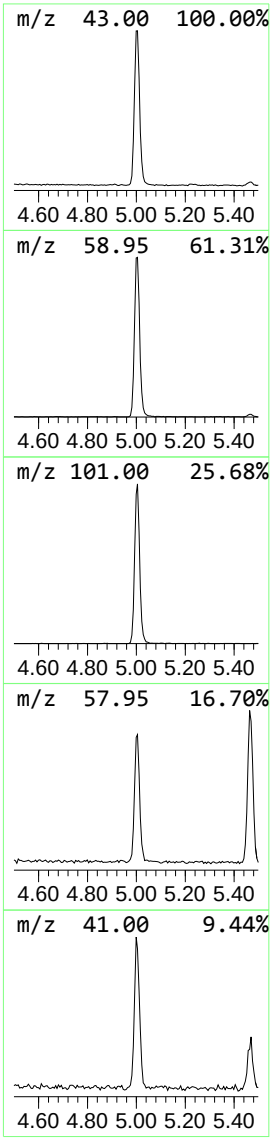
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.999	4.61 ng	724831	1,4-Dichlorobenzene-d4	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





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Instrument :
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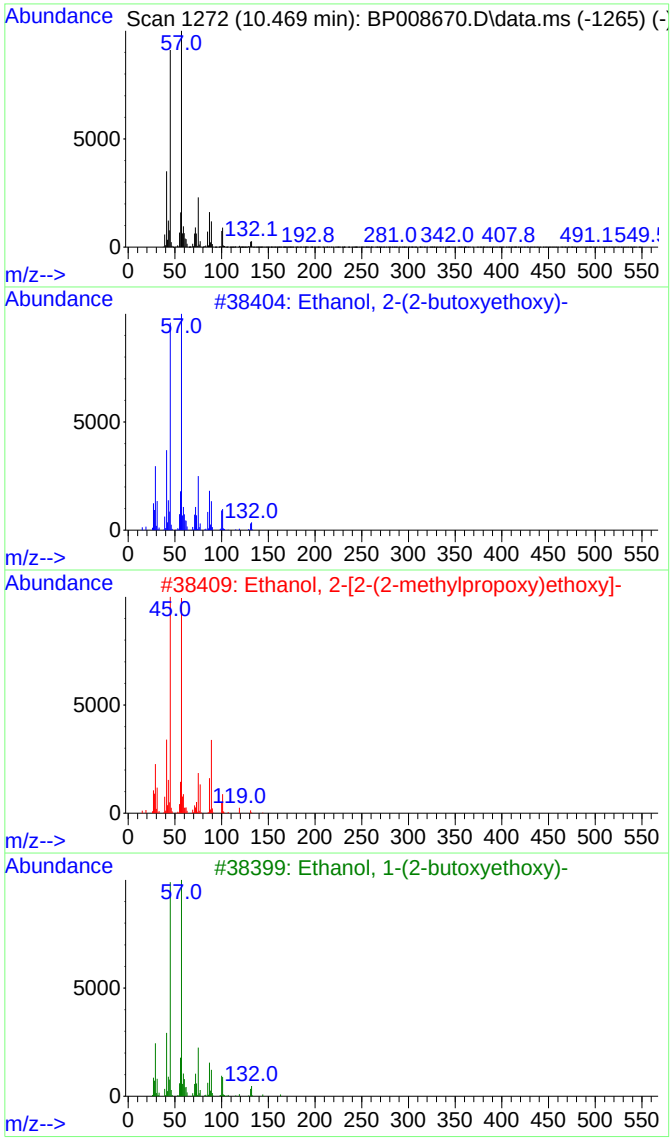
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

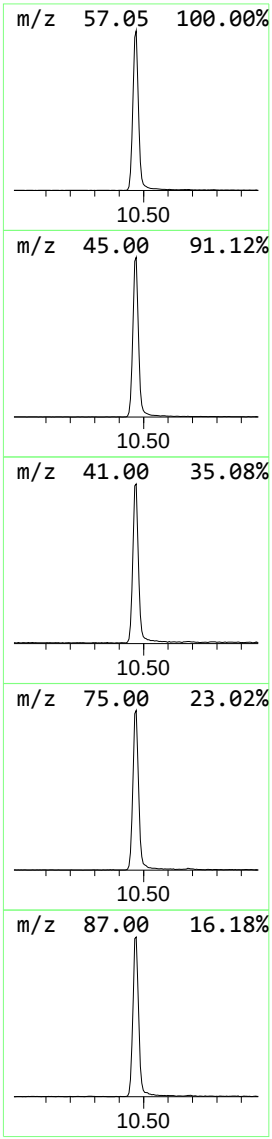
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	12.67 ng	2786950	Naphthalene-d8	10.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	49
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	47





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Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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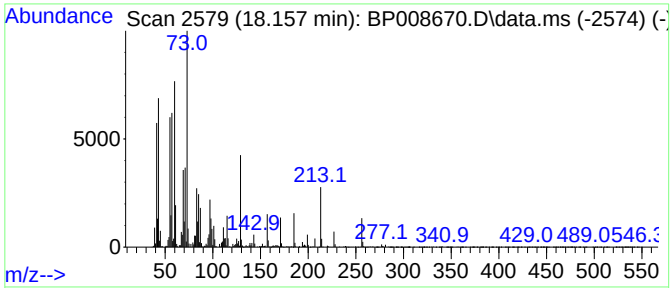
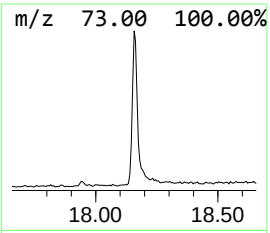
****

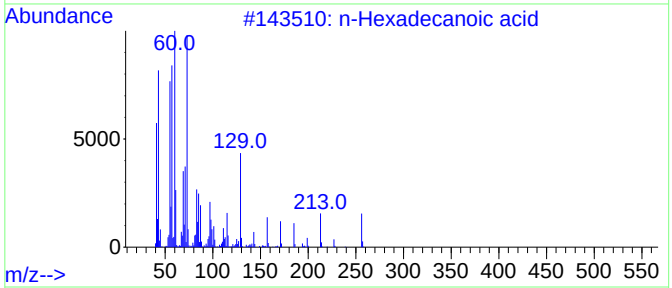
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

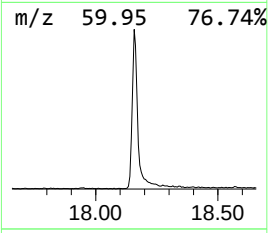
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.51 ng	977285	Phenanthrene-d10	17.263

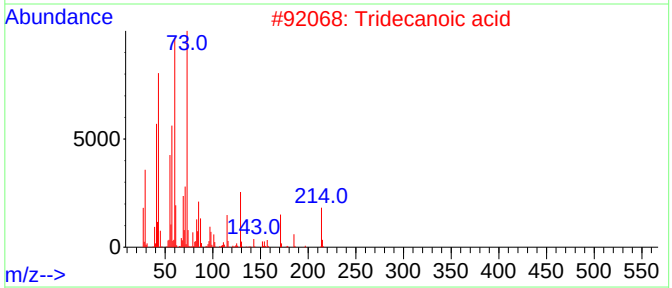
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87

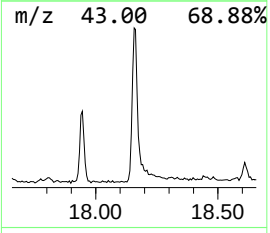


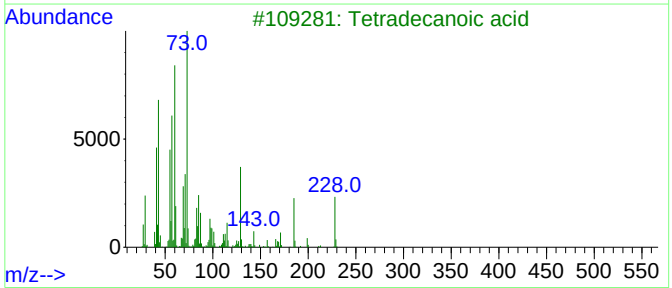


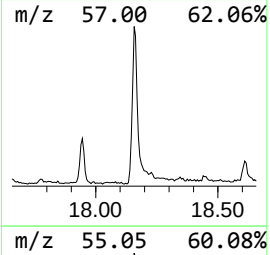


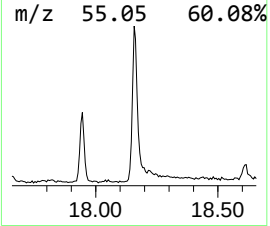












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SB-10-(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

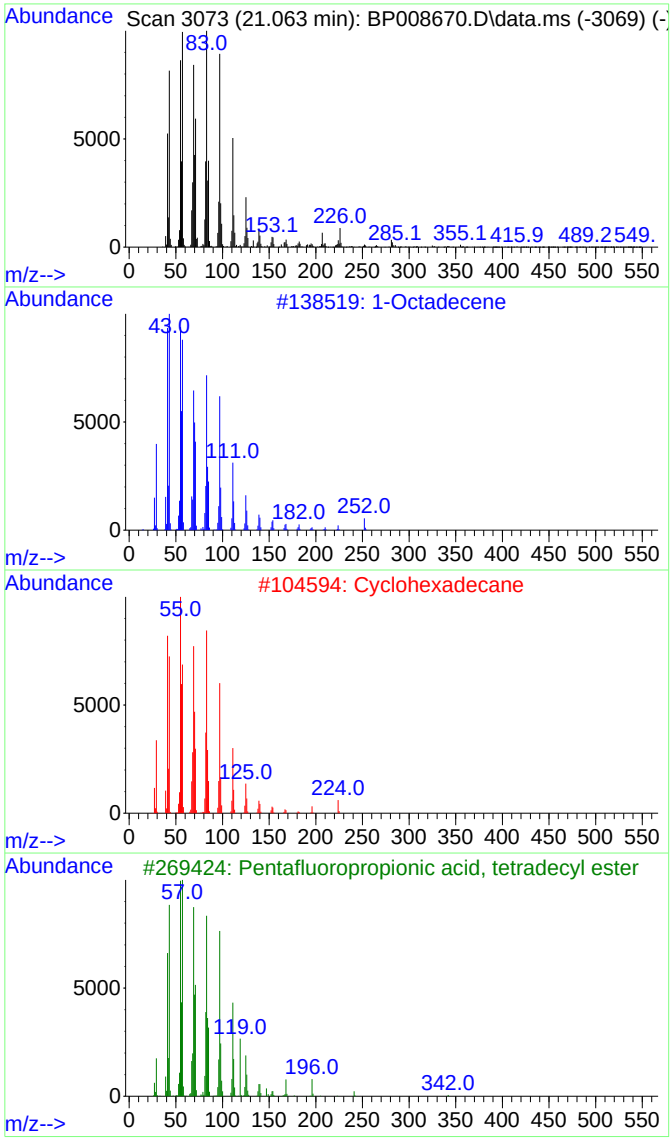
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

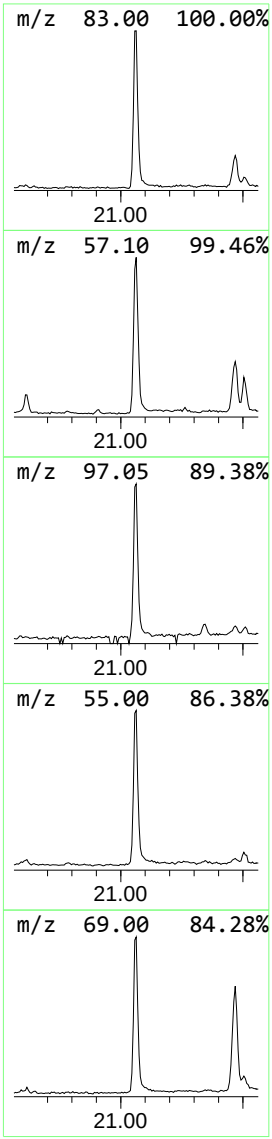
****

Peak Number 4 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	3.02 ng	1258510	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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BNA_P
ClientSampleId :
SB-10-(10-15)

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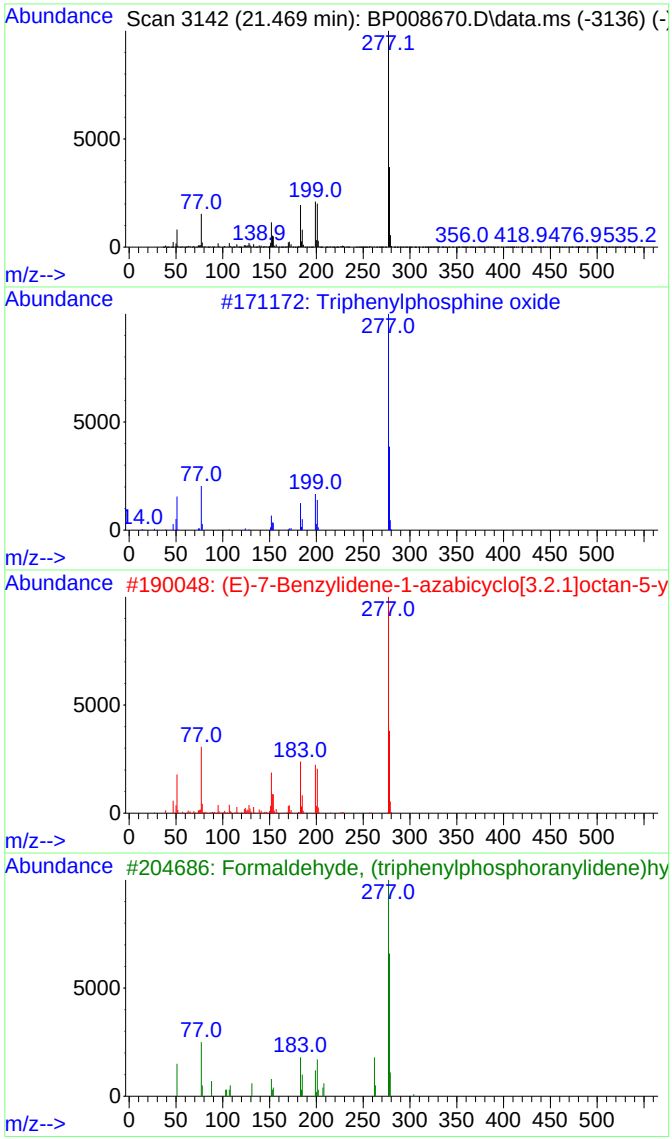
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

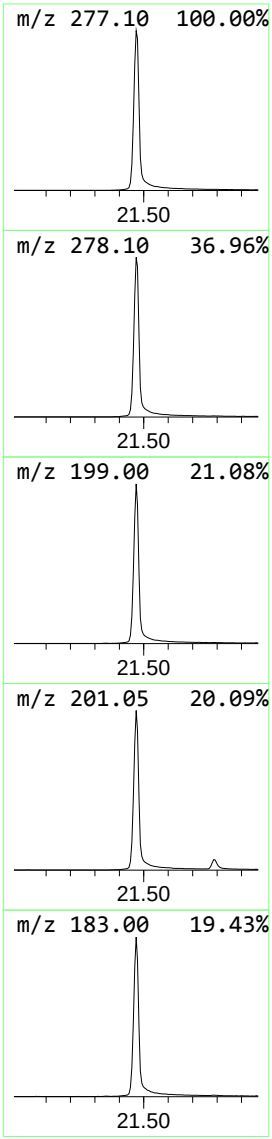
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	101.28 ng	42141500	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	32
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	25
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	23





Tentatively Identified Compound (LSC) summary

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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-Pentanone, 4-...	4.999	4.6	ng	724831	1	7.887	3141560	20.0
Ethanol, 2-(2-b...	10.469	12.7	ng	2786950	2	10.687	4400680	20.0
n-Hexadecanoic ...	18.157	2.5	ng	977285	4	17.263	7794420	20.0
1-Octadecene	21.063	3.0	ng	1258510	5	21.345	8321560	20.0
Triphenylphosph...	21.469	101.3	ng	42141500	5	21.345	8321560	20.0