LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009354.D
Acq On : 10 Mar 2022 20:38
Operator : CG/JU
Sample : N1848-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

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_P\Methods\8270E-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009354.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	9	13	20	rVB	497620	664941	3.06%	0.467%
2	5.416	405	413	433	rBV	5968230	9736737	44.77%	6.835%
3	6.993	673	681	688	rBV	6033214	10469754	48.14%	7.349%
4	7.469	755	762	772	rBV2	188100	367405	1.69%	0.258%
5	7.816	814	821	829	rBV	1562788	2631995	12.10%	1.848%
6	8.969	1002	1017	1028	rBV	3857669	7009068	32.23%	4.920%
7	10.610	1286	1296	1304	rBV	2169949	3974676	18.27%	2.790%
8	13.081	1708	1716	1728	rBV	10579041	17005801	78.19%	11.937%
9	13.298	1748	1753	1761	rVB2	159031	250032	1.15%	0.176%
10	14.457	1942	1950	1957	rBV	3316656	5412228	24.88%	3.799%
11	15.951	2197	2204	2217	rBV	8868815	13935960	64.07%	9.782%
12	16.192	2241	2245	2248	rBV	186426	288200	1.33%	0.202%
13	17.051	2387	2391	2400	rVB3	153136	282811	1.30%	0.199%
14	17.216	2412	2419	2423	rBV	4155139	6386819	29.37%	4.483%
15	17.257	2423	2426	2433	rVB	773816	1104128	5.08%	0.775%
16	17.345	2438	2441	2446	rVB	177356	273759	1.26%	0.192%
17	17.516	2465	2470	2479	rVB	541900	774033	3.56%	0.543%
18	17.739	2504	2508	2513	rBV2	181206	234591	1.08%	0.165%
19	18.127	2569	2574	2581	rBV2	2462018	3565678	16.39%	2.503%
20	18.275	2595	2599	2603	rBV2	162031	245519	1.13%	0.172%
21	18.410	2619	2622	2628	rVB	188251	250457	1.15%	0.176%
22	19.027	2724	2727	2732	rBV3	153646	249303	1.15%	0.175%
23	19.239	2757	2763	2772	rBV	1870273	3528874	16.22%	2.477%
24	19.363	2780	2784	2792	rBV2	810965	1215778	5.59%	0.853%
25	19.586	2815	2822	2831	rBV	1559586	2572821	11.83%	1.806%
26	19.792	2851	2857	2862	rBV	16190907	21749750	100.00%	15.267%
27	21.051	3067	3071	3077	rBV2	2169719	3547273	16.31%	2.490%
28	21.245	3100	3104	3110	rVB	6346142	7808835	35.90%	5.481%
29	21.321	3112	3117	3121	rBV2	4173375	6268908	28.82%	4.400%
30	22.321	3282	3287	3295	rBV	2821913	5100939	23.45%	3.581%
31	23.733	3522	3527	3536	rVB2	2650178	5552201	25.53%	3.897%

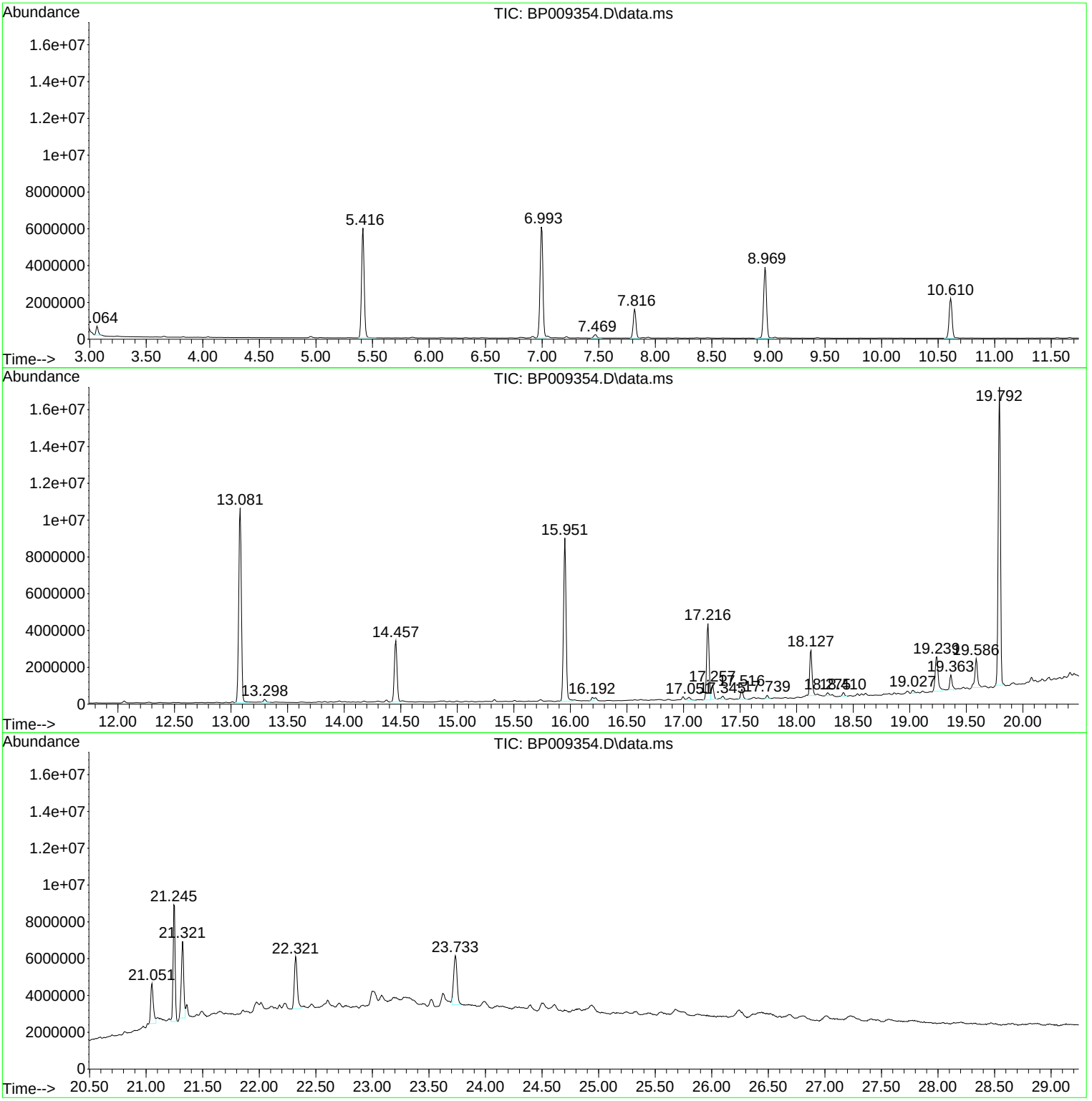
Sum of corrected areas: 142459274

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009354.D
Acq On : 10 Mar 2022 20:38
Operator : CG/JU
Sample : N1848-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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 : BP009354.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

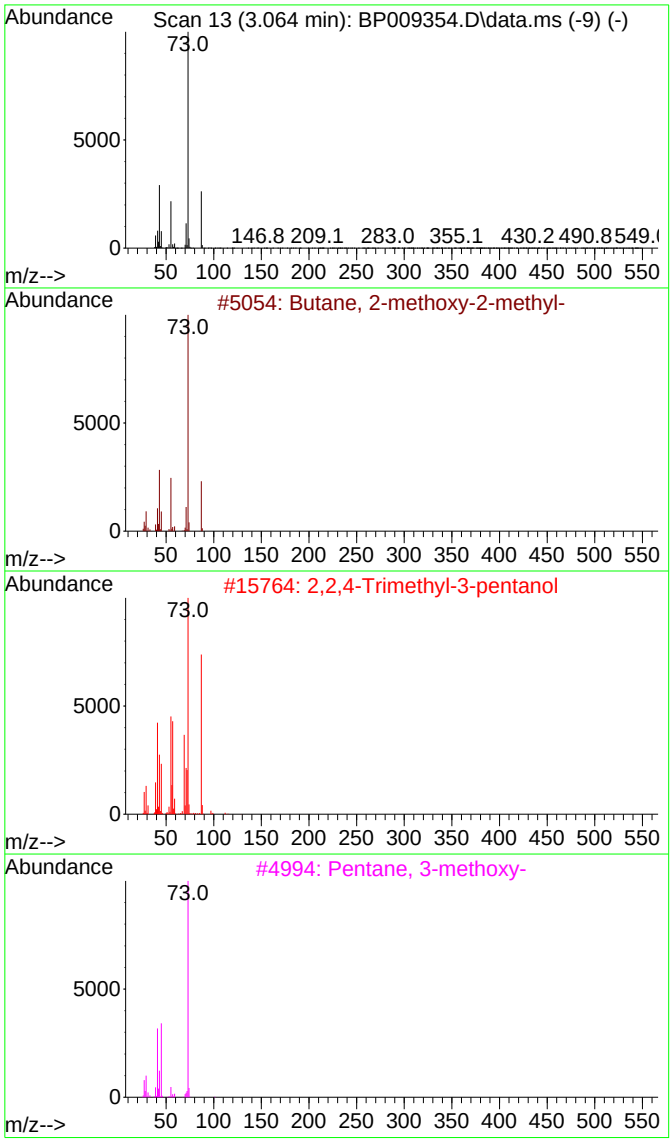
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

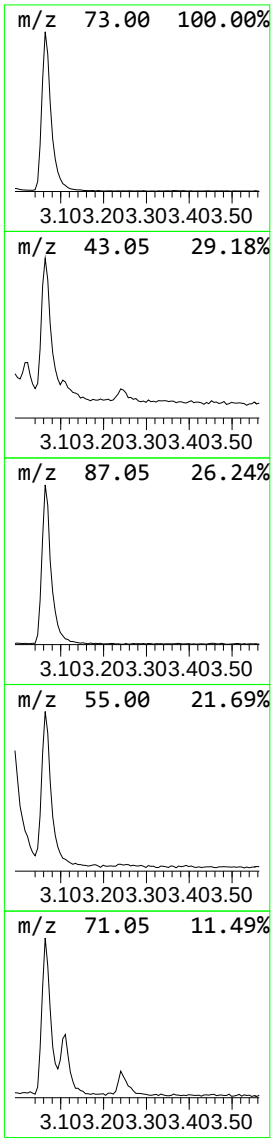
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	5.05 ng	664941	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BP009354.D
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Operator : CG/JU
Sample : N1848-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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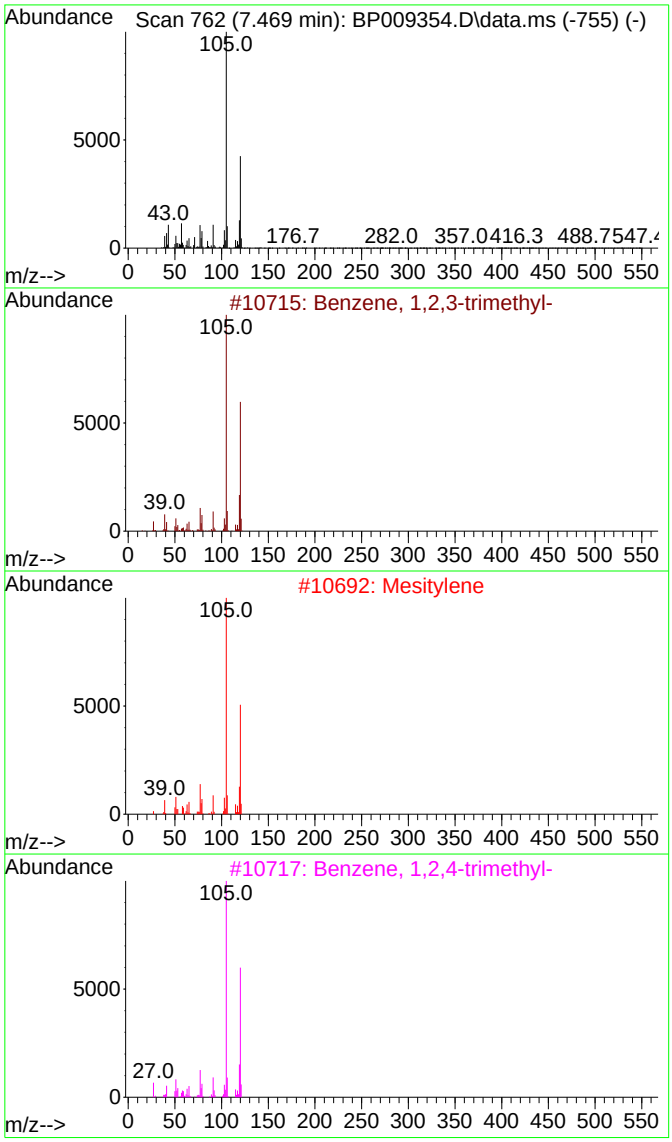
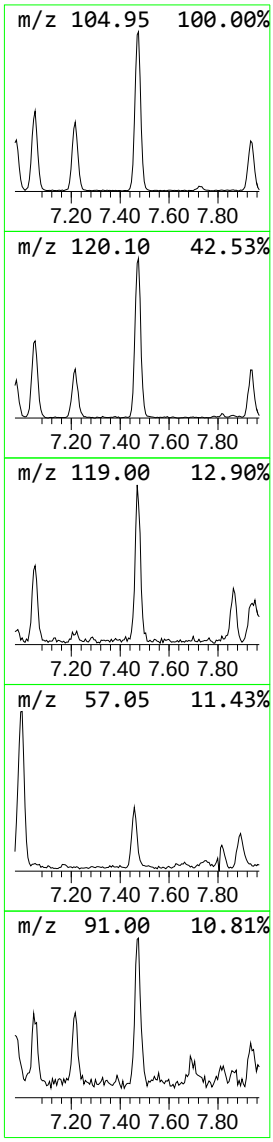
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.469	2.79 ng	367405	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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BNA_P
ClientSampleId :
CG-B2-030722-2-5

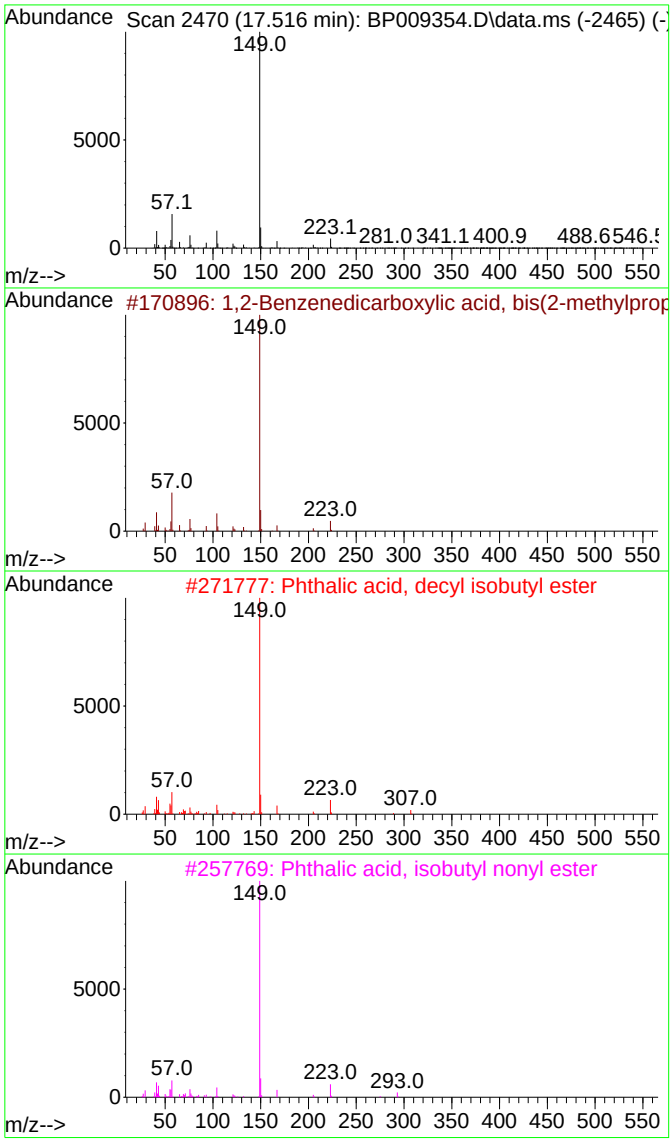
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

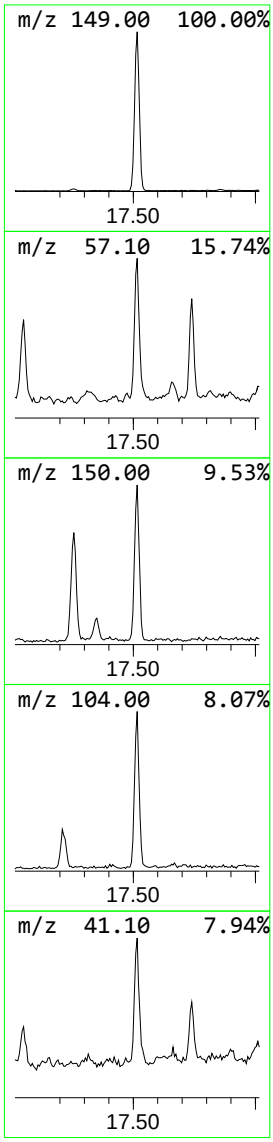
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.516	2.42 ng	774033	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2	Phthalic acid, decyl isobutyl ester	362	C22H34O4	1000308-94-2	83
3	Phthalic acid, isobutyl nonyl ester	348	C21H32O4	1000309-04-4	78
4	Phthalic acid, butyl hept-3-yl e...	320	C19H28O4	1000356-98-7	78
5	Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	78





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Sample : N1848-10
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Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

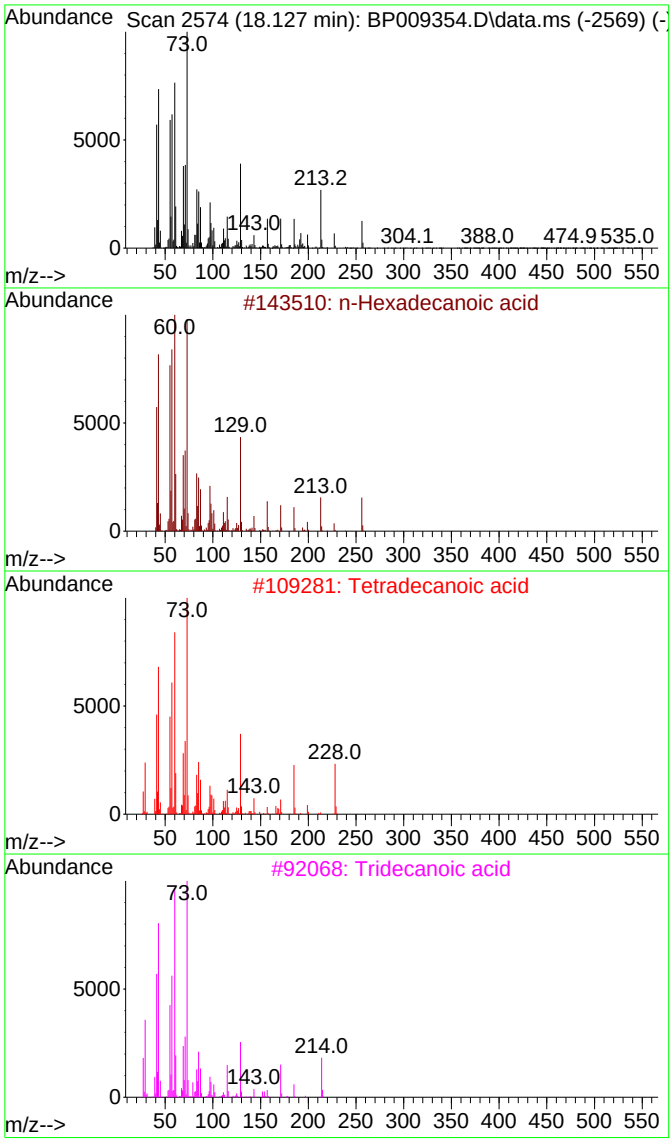
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

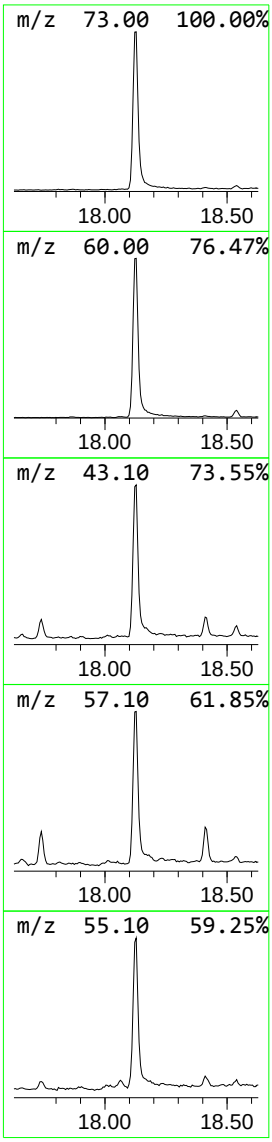
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	11.17 ng	3565680	Phenanthrene-d10	17.216

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
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Acq On : 10 Mar 2022 20:38
Operator : CG/JU
Sample : N1848-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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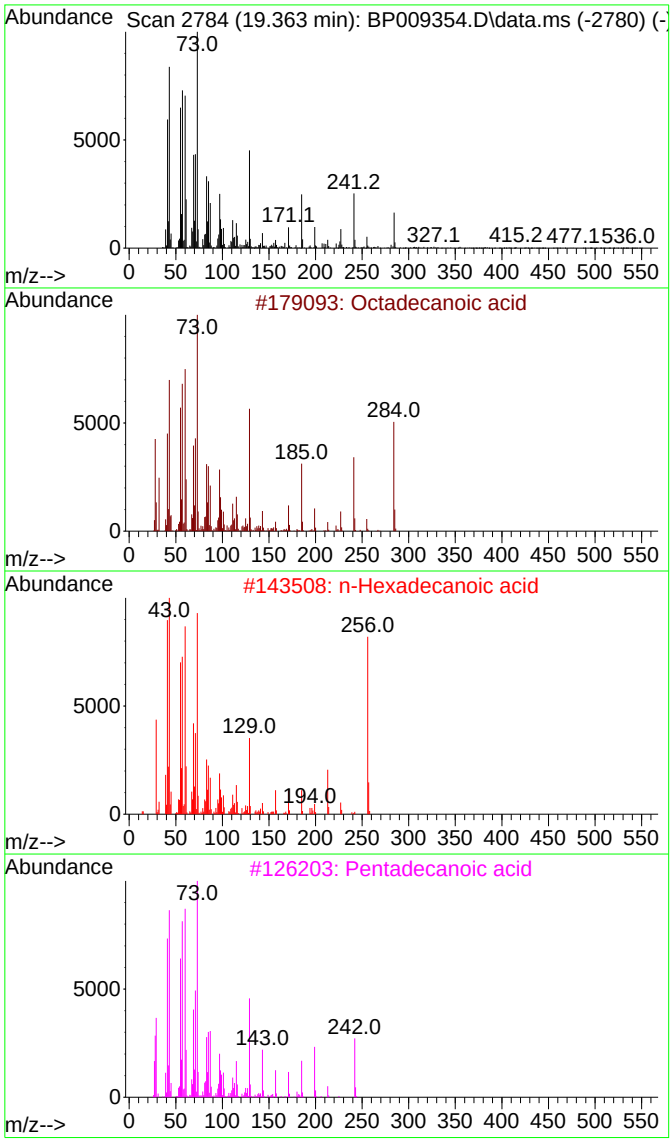
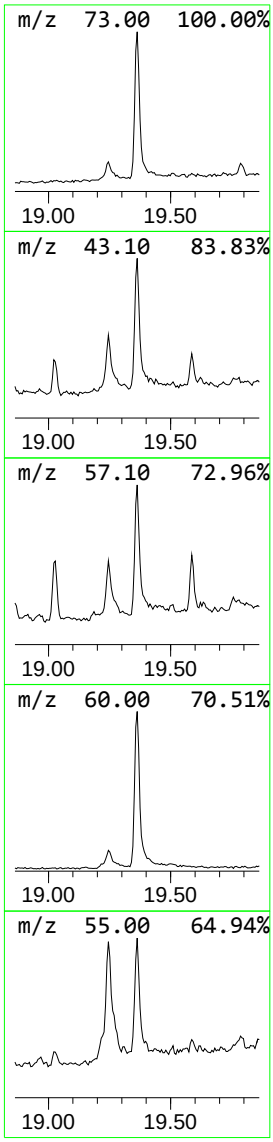
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	3.88 ng	1215780	Chrysene-d12	21.321

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Hexadecane	226	C16H34	000544-76-3	53





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Sample : N1848-10
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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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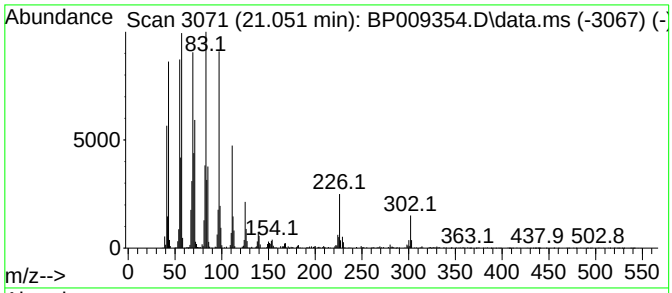
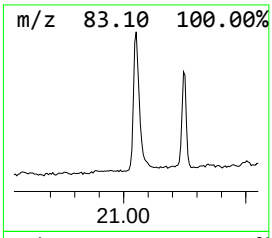
****

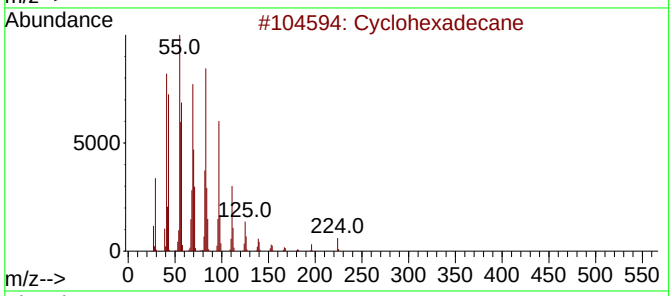
Peak Number 6 Cyclohexadecane Concentration Rank 2

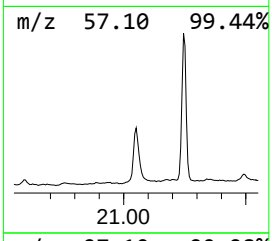
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	11.32 ng	3547270	Chrysene-d12	21.321

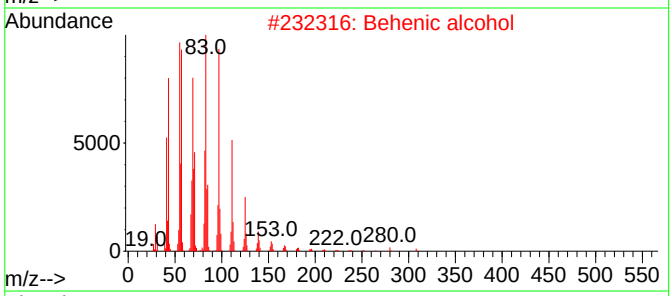
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93

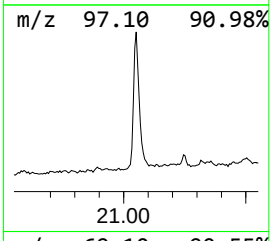


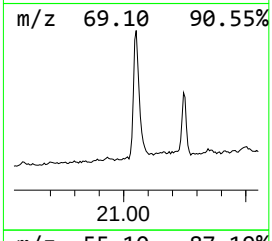


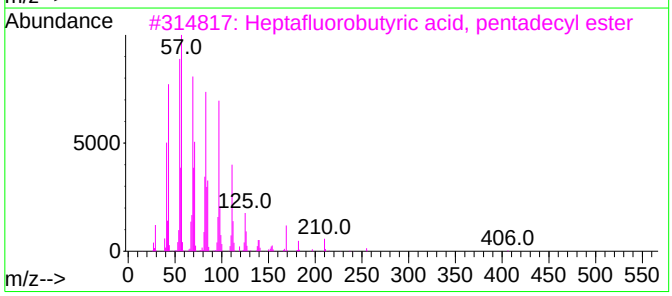


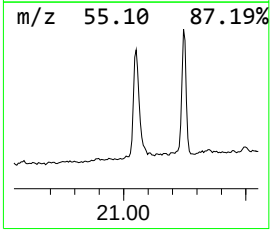












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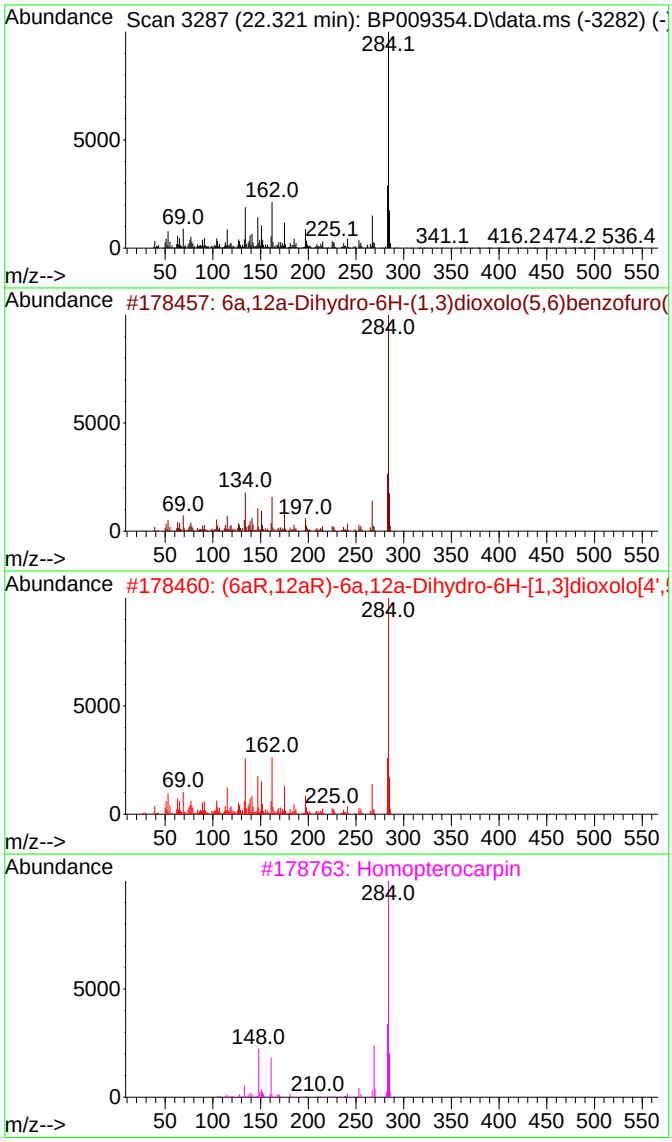
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

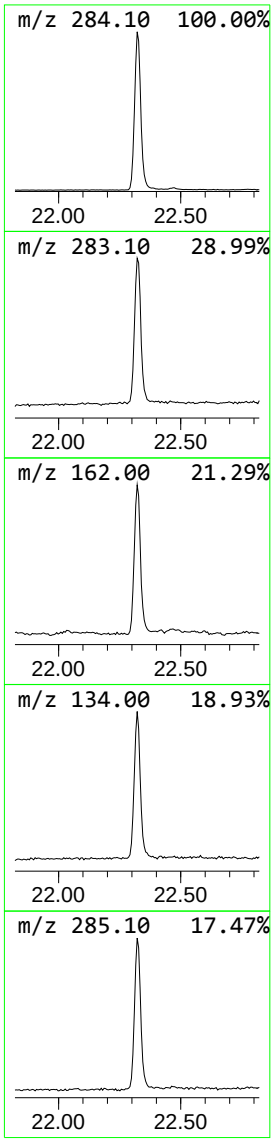
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.321	16.27 ng	5100940	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	076496-57-6	99
2	(6aR,12aR)-6a,12a-Dihydro-6H-[1,...	284	C16H12O5	002035-15-6	95
3	Homopterocarpin	284	C17H16O4	000606-91-7	53
4	4-Amino-5-(4-nitrophenylazo)benz...	284	C12H8N6O3	166766-07-0	50
5	Benzofuran-3-one, 2-[3-hydroxy-4...	284	C16H12O5	1000128-62-8	47





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
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
Butane, 2-metho...	3.064	5.0	ng	664941	1	7.816	2632000	20.0
Benzene, 1,2,3-...	7.469	2.8	ng	367405	1	7.816	2632000	20.0
1,2-Benzenedica...	17.516	2.4	ng	774033	4	17.216	6386820	20.0
n-Hexadecanoic ...	18.128	11.2	ng	3565680	4	17.216	6386820	20.0
Octadecanoic acid	19.363	3.9	ng	1215780	5	21.321	6268910	20.0
Cyclohexadecane	21.051	11.3	ng	3547270	5	21.321	6268910	20.0
6a,12a-Dihydro-...	22.321	16.3	ng	5100940	5	21.321	6268910	20.0