LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

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-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	3	8	32	rVB	3638922	4996341	31.07%	4.863%
2	4.928	323	330	339	rVB2	305397	451958	2.81%	0.440%
3	5.375	399	406	419	rBV	4761462	7365834	45.80%	7.170%
4	6.940	664	672	682	rBV	4561914	7454688	46.35%	7.256%
5	7.763	804	812	818	rBV	1402387	2246462	13.97%	2.187%
6	8.910	998	1007	1014	rBV	2881117	4903520	30.49%	4.773%
7	10.534	1270	1283	1289	rBV	1863747	3097806	19.26%	3.015%
8	12.998	1694	1702	1712	rBV	8122105	11524359	71.66%	11.218%
9	14.386	1929	1938	1945	rBV	2551261	4072076	25.32%	3.964%
10	15.904	2189	2196	2205	rBV	5422473	8863087	55.11%	8.627%
11	16.139	2232	2236	2238	rBV	121010	164898	1.03%	0.161%
12	16.957	2372	2375	2380	rVB	143065	185864	1.16%	0.181%
13	17.016	2381	2385	2390	rVB2	109285	177285	1.10%	0.173%
14	17.110	2397	2401	2408	rVB	280570	335805	2.09%	0.327%
15	17.198	2410	2416	2420	rVV	3377750	4870334	30.28%	4.741%
16	17.233	2420	2422	2426	rVV	510071	680534	4.23%	0.662%
17	17.269	2426	2428	2433	rVV	180198	286357	1.78%	0.279%
18	17.328	2434	2438	2444	rVV	170638	315193	1.96%	0.307%
19	17.386	2444	2448	2454	rVB	153828	229590	1.43%	0.223%
20	17.580	2477	2481	2485	rBV	236409	325665	2.02%	0.317%
21	17.727	2503	2506	2511	rVB	134874	175741	1.09%	0.171%
22	17.898	2530	2535	2539	rBV	837115	1021590	6.35%	0.994%
23	17.951	2541	2544	2546	rBV	185535	230846	1.44%	0.225%
24	18.027	2553	2557	2566	rVB	237563	403633	2.51%	0.393%
25	18.145	2572	2577	2584	rBV2	938436	1330468	8.27%	1.295%
26	18.304	2600	2604	2606	rBV2	135135	188678	1.17%	0.184%
27	18.345	2607	2611	2616	rVV	658574	902911	5.61%	0.879%
28	18.639	2655	2661	2668	rBV	2841536	4184539	26.02%	4.073%
29	19.327	2773	2778	2786	rBV2	710998	1403247	8.73%	1.366%
30	19.474	2800	2803	2809	rVB6	437433	699557	4.35%	0.681%
31	19.716	2835	2844	2849	rBV	818476	2167187	13.48%	2.110%
32	19.927	2875	2880	2886	rVB	10943672	16082372	100.00%	15.654%
33	21.339	3117	3120	3126	rVB3	1279503	1968964	12.24%	1.917%
34	21.668	3171	3176	3181	rVB	2806741	4404422	27.39%	4.287%
35	25.039	3741	3749	3756	rVB2	1926139	5021741	31.23%	4.888%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

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-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

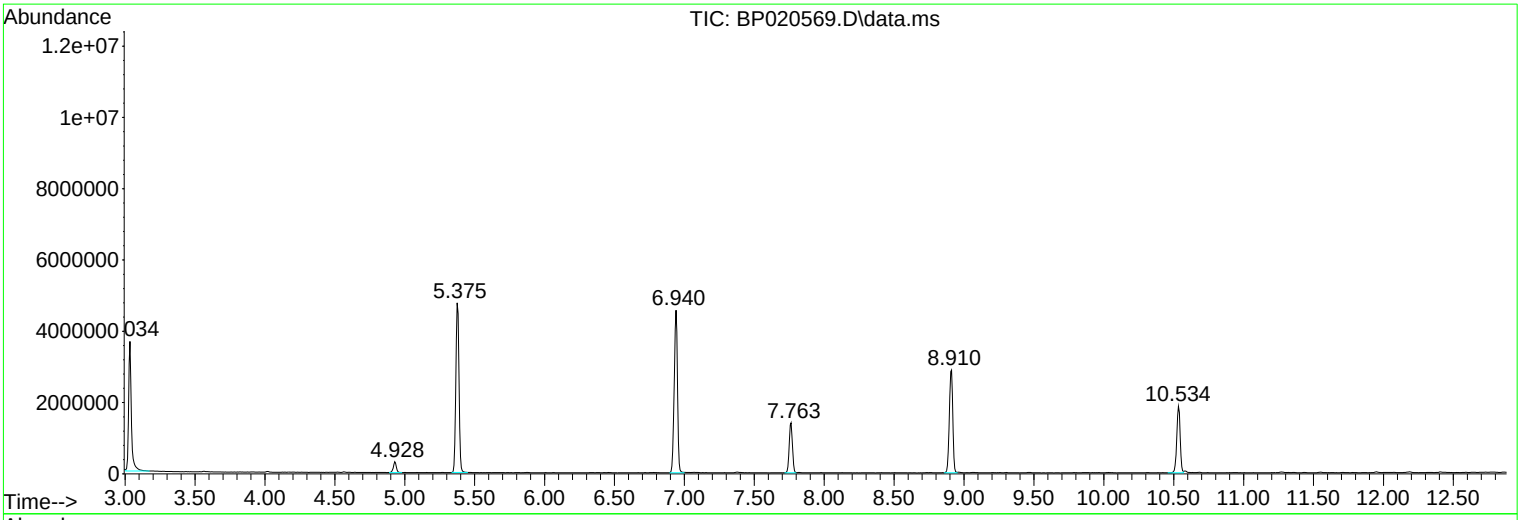
Sum of corrected areas: 102733552

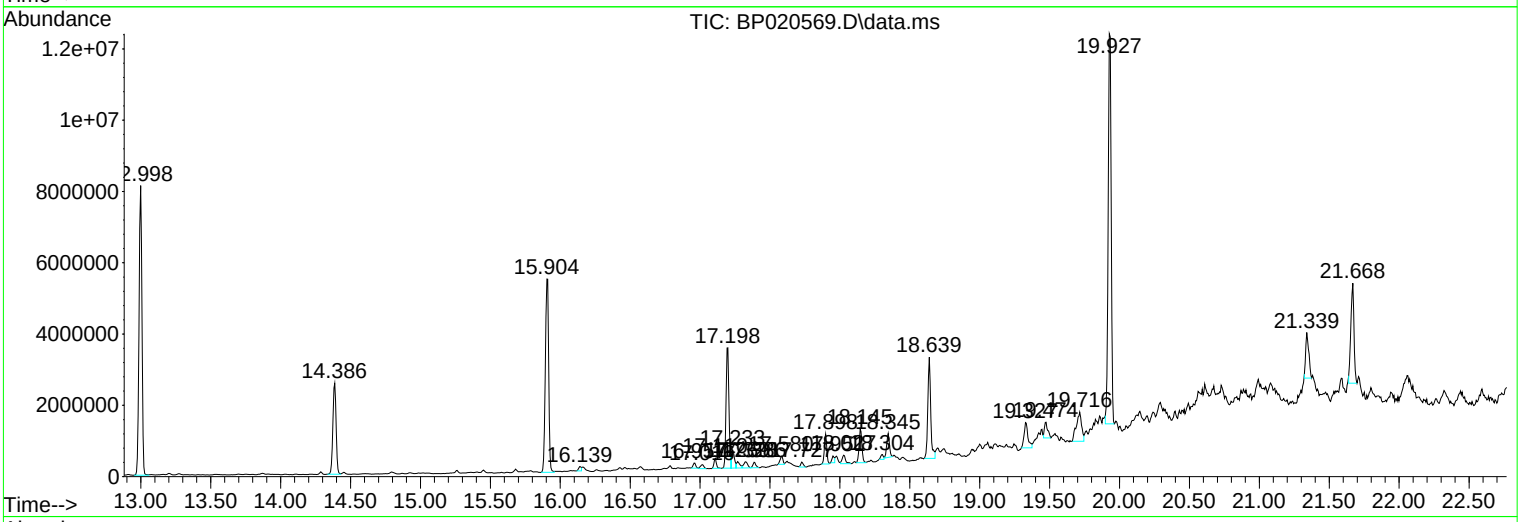
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

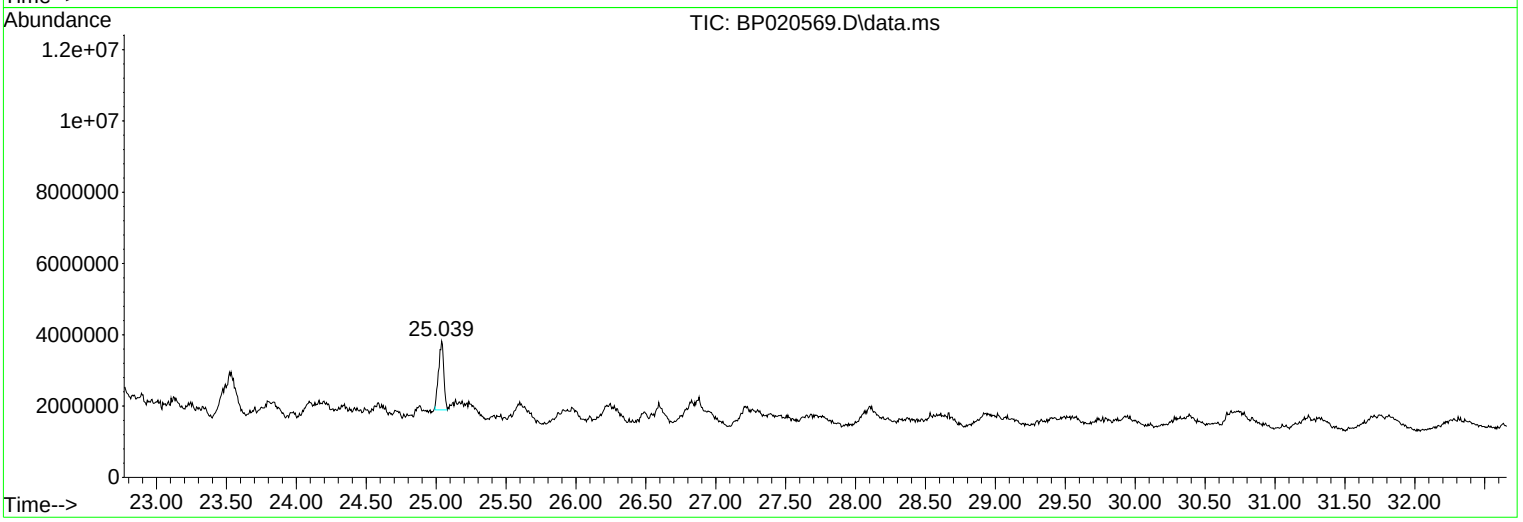
Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

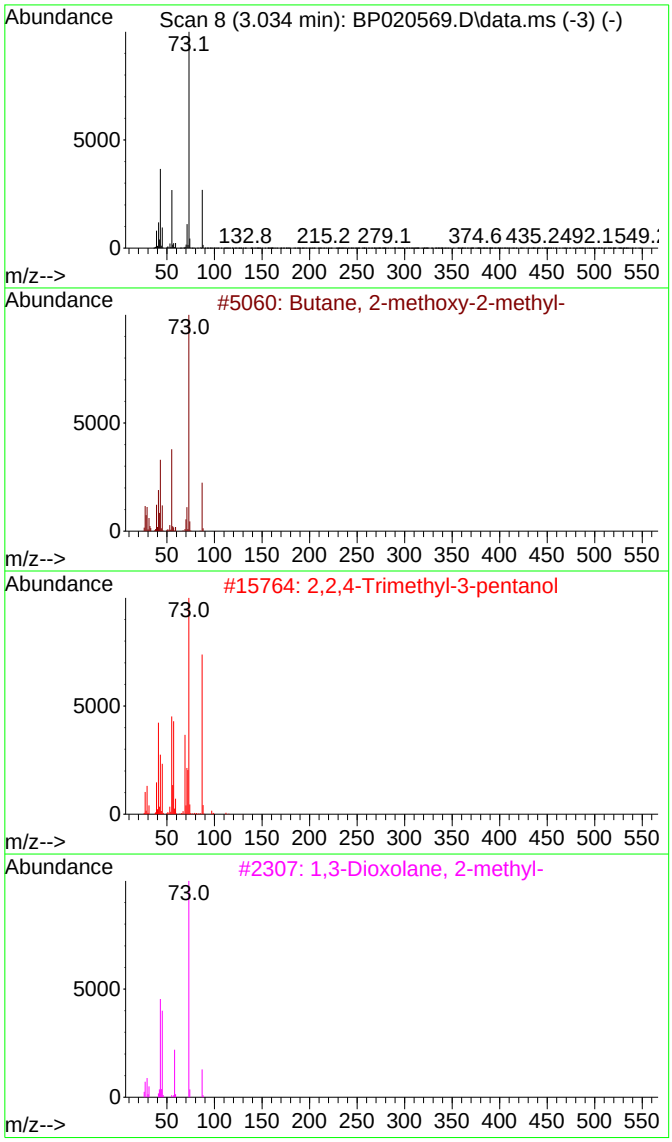
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

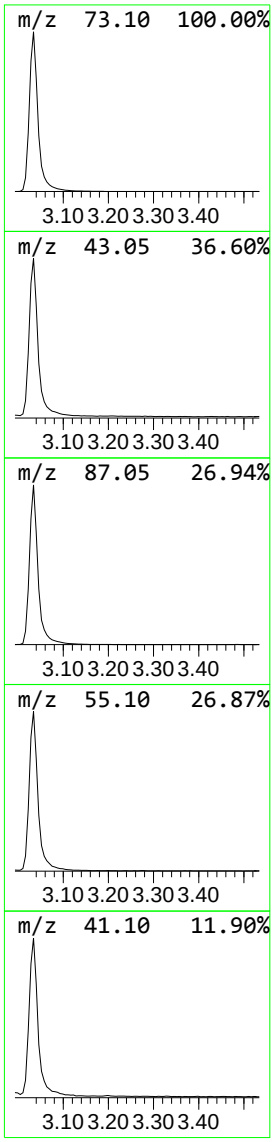
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	44.48 ng	4996340	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

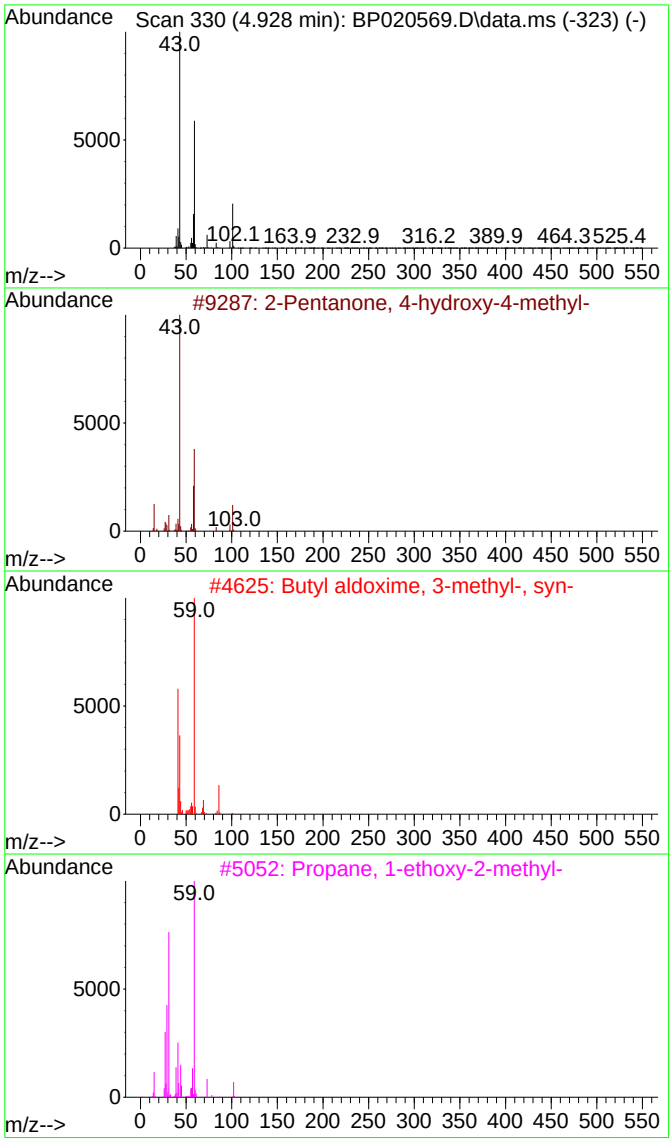
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

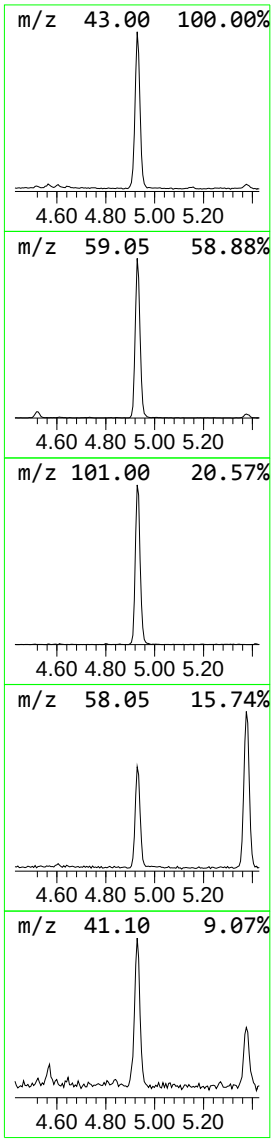
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.928	4.02 ng	451958	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

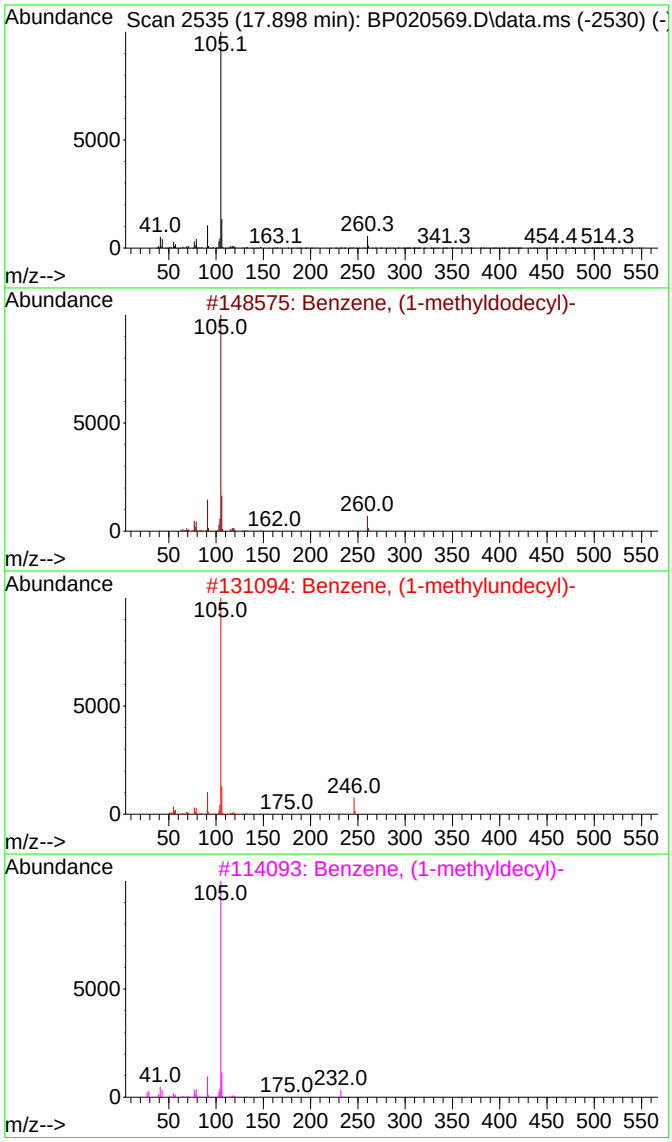
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

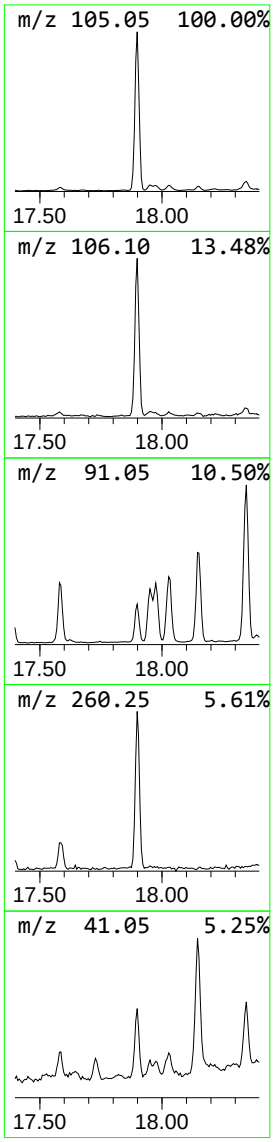
****

Peak Number 3 Benzene, (1-methyldodecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	4.20 ng	1021590	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	93
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	83
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

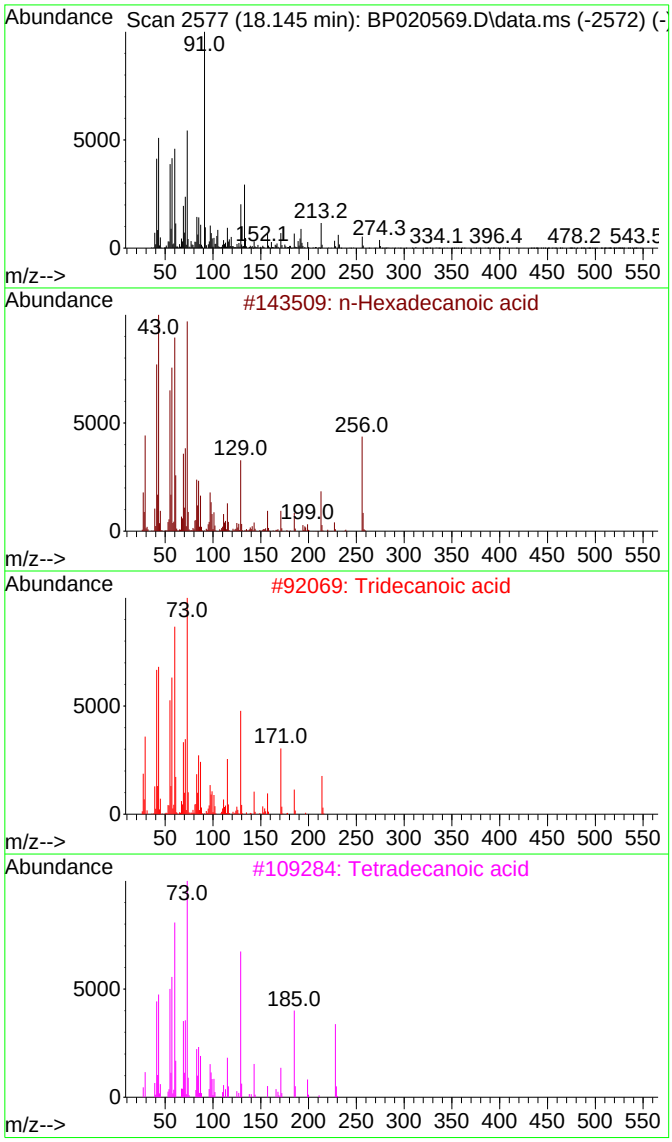
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

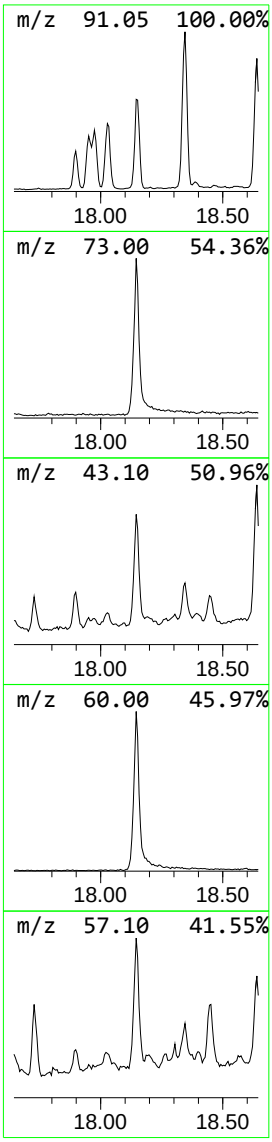
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	5.46 ng	1330470	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
5	Octadecanoic acid	284	C18H36O2	000057-11-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

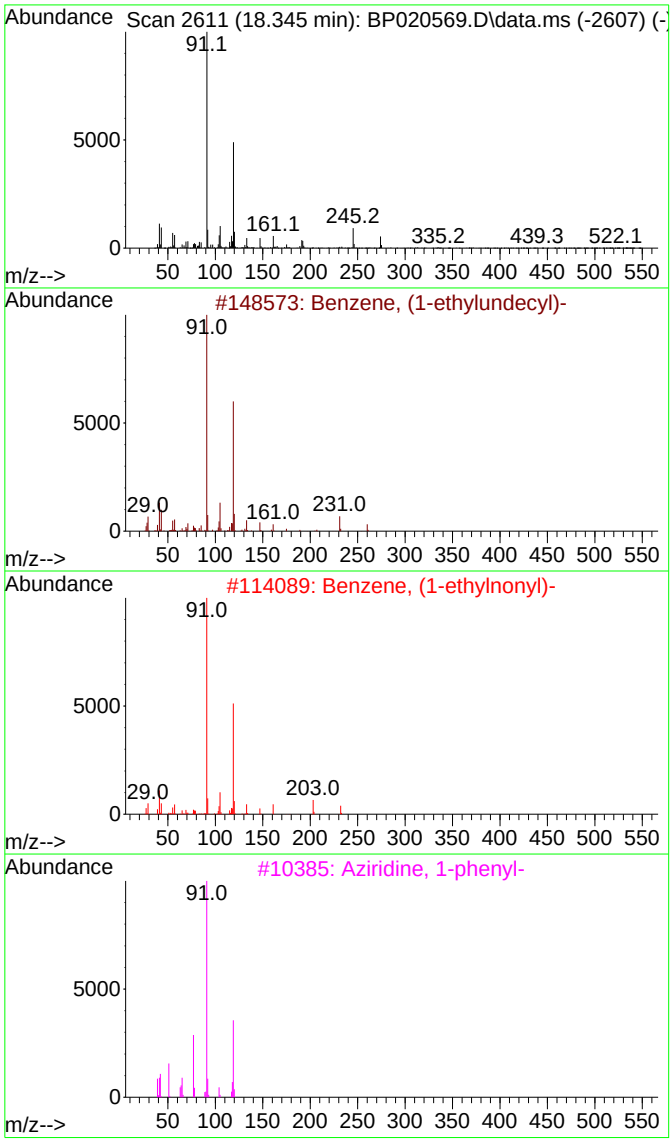
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

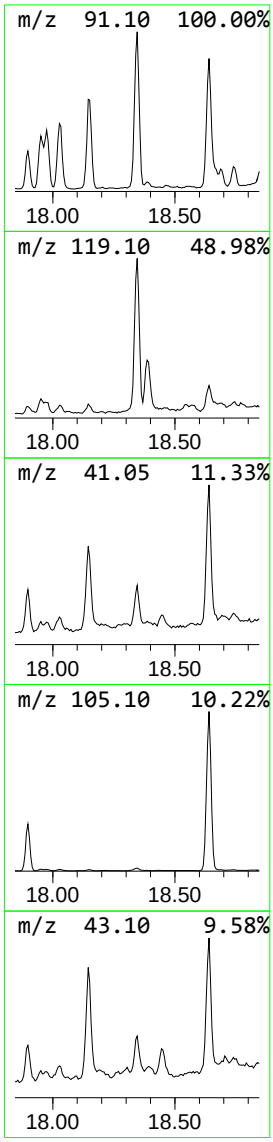
****

Peak Number 5 Benzene, (1-ethylundecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	3.71 ng	902911	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	58
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	52
3	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	47
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	47
5	Benzene, (1-nitropropyl)-	165	C9H11NO2	005279-14-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

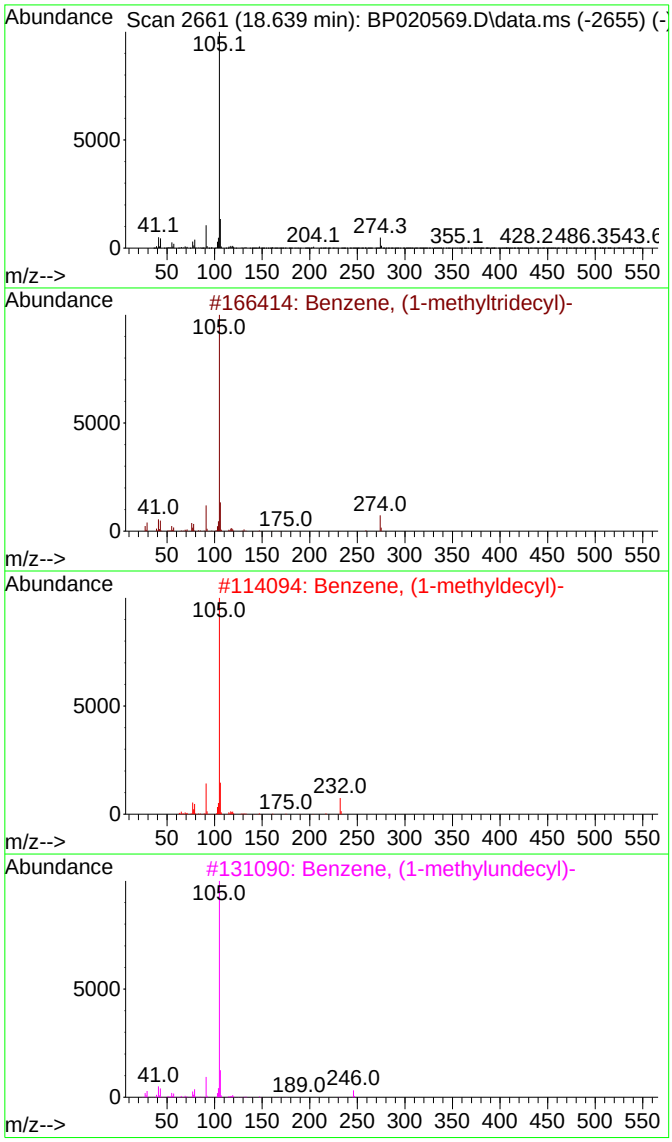
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

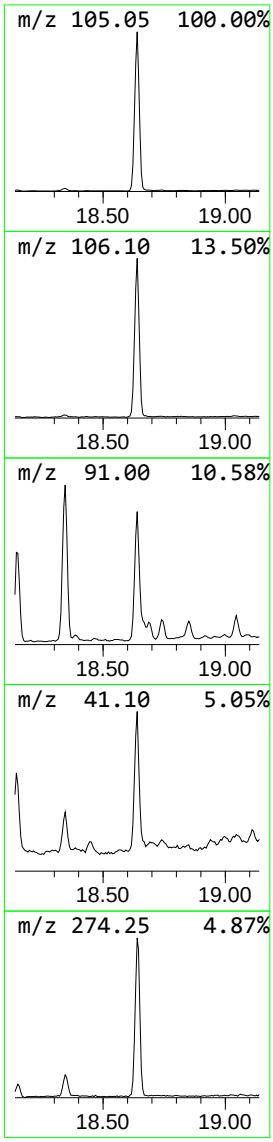
****

Peak Number 6 Benzene, (1-methyltridecyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	17.18 ng	4184540	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	87
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	87
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	72
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

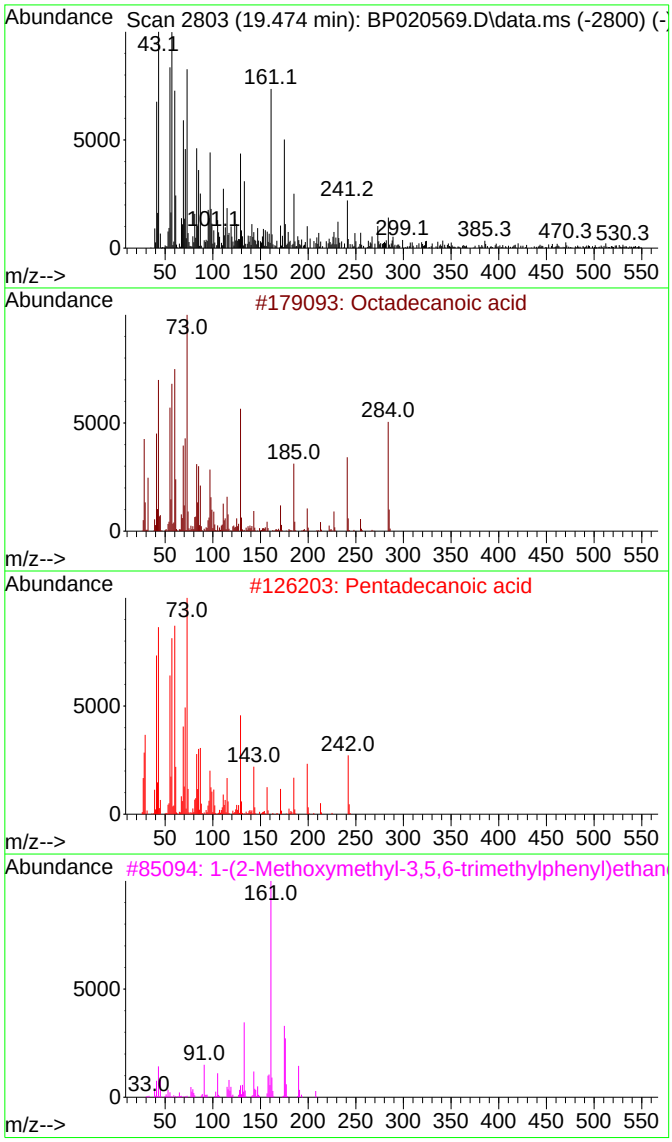
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

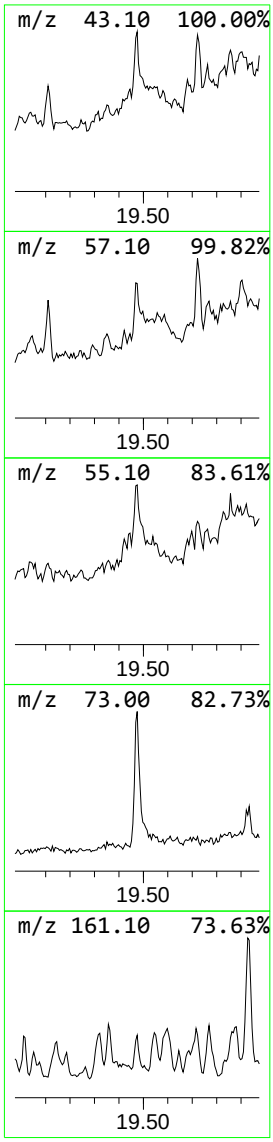
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	3.18 ng	699557	Chrysene-d12	21.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3	1-(2-Methoxymethyl-3,5,6-trimeth...	208	C13H20O2	1000202-04-5	38
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	30
5	Hexacosanoic acid	396	C26H52O2	000506-46-7	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

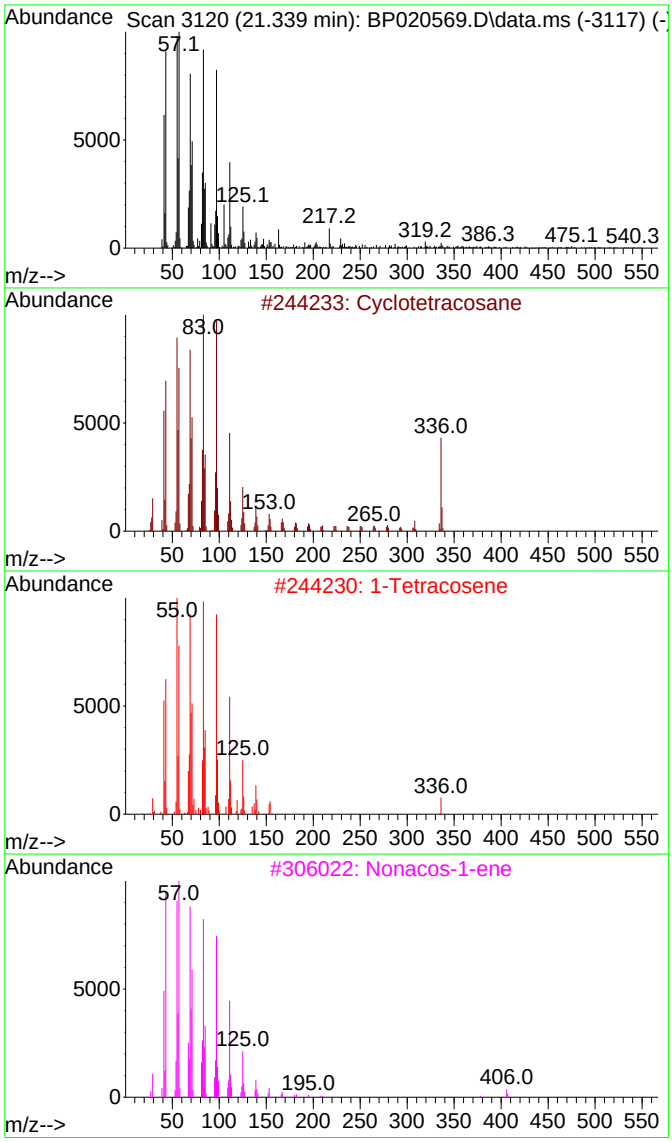
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

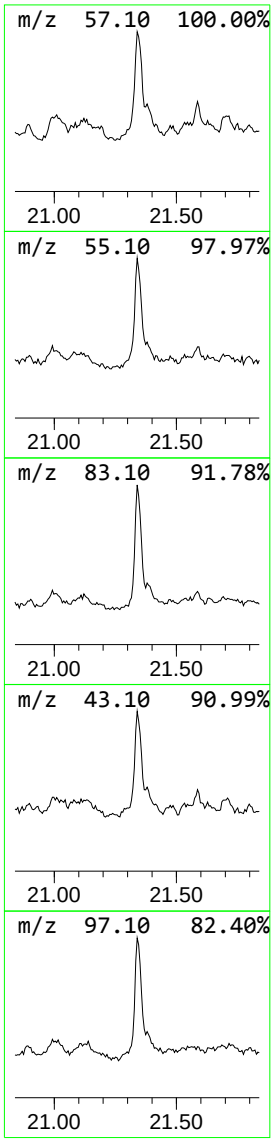
****

Peak Number 8 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	8.94 ng	1968960	Chrysene-d12	21.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tetracosene	336	C24H48	010192-32-2	98
3	Nonacos-1-ene	406	C29H58	018835-35-3	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020569.D
Acq On : 07 Jun 2024 21:27
Operator : MA/JU
Sample : P2763-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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...	3.034	44.5	ng	4996340	1	7.763	2246460	20.0
2-Pentanone, 4-...	4.928	4.0	ng	451958	1	7.763	2246460	20.0
Benzene, (1-met...	17.898	4.2	ng	1021590	4	17.192	4870330	20.0
n-Hexadecanoic ...	18.145	5.5	ng	1330470	4	17.192	4870330	20.0
Benzene, (1-eth...	18.345	3.7	ng	902911	4	17.192	4870330	20.0
Benzene, (1-met...	18.639	17.2	ng	4184540	4	17.192	4870330	20.0
Octadecanoic acid	19.474	3.2	ng	699557	5	21.668	4404420	20.0
Cyclotetracosane	21.339	8.9	ng	1968960	5	21.668	4404420	20.0