LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	19	rVB	252117	286794	2.53%	0.278%
2	3.552	92	96	118	rBV	482009	740972	6.54%	0.717%
3	5.399	404	410	433	rBV	2288654	3788574	33.46%	3.668%
4	6.999	674	682	698	rBV	2089236	3851107	34.01%	3.729%
5	7.799	809	818	828	rBV	1438376	2355959	20.81%	2.281%
6	8.963	1009	1016	1032	rBV	1479560	2582017	22.80%	2.500%
7	10.599	1285	1294	1318	rBV	1924198	3538296	31.25%	3.426%
8	13.063	1706	1713	1729	rBV	4461760	6926326	61.17%	6.707%
9	13.481	1779	1784	1798	rVB2	52300	124501	1.10%	0.121%
10	14.169	1895	1901	1911	rBV	190829	327062	2.89%	0.317%
11	14.445	1936	1948	1955	rBV	3065720	4824423	42.61%	4.671%
12	15.498	2122	2127	2140	rVB2	76649	166696	1.47%	0.161%
13	15.710	2158	2163	2173	rVB	67471	115202	1.02%	0.112%
14	15.945	2195	2203	2223	rBV	3287319	5499086	48.56%	5.325%
15	16.187	2236	2244	2249	rVB4	132911	343803	3.04%	0.333%
16	16.875	2355	2361	2368	rBV2	211913	466644	4.12%	0.452%
17	16.963	2373	2376	2380	rVV	154842	230168	2.03%	0.223%
18	17.016	2382	2385	2395	rVB	168824	288678	2.55%	0.280%
19	17.204	2411	2417	2421	rBV	3684827	5429427	47.95%	5.257%
20	17.245	2421	2424	2431	rVV	1107613	1485708	13.12%	1.439%
21	17.339	2435	2440	2445	rVB	300332	450653	3.98%	0.436%
22	17.704	2499	2502	2509	rVB2	154781	209274	1.85%	0.203%
23	18.075	2561	2565	2567	rBV	218942	310790	2.74%	0.301%
24	18.104	2567	2570	2582	rVB2	589895	1187019	10.48%	1.149%
25	18.198	2583	2586	2591	rBV2	120957	188641	1.67%	0.183%
26	18.257	2592	2596	2600	rBV2	326879	548558	4.84%	0.531%
27	18.381	2613	2617	2621	rBV	203918	261657	2.31%	0.253%
28	18.557	2643	2647	2651	rBV2	157909	235277	2.08%	0.228%
29	18.610	2653	2656	2659	rVV	88579	120459	1.06%	0.117%
30	18.845	2691	2696	2699	rBV3	167233	289607	2.56%	0.280%
31	18.928	2705	2710	2719	rBV	6371621	9632204	85.07%	9.327%
32	19.216	2754	2759	2766	rBV	2085997	2985084	26.36%	2.890%
33	19.333	2776	2779	2783	rBV	264898	310732	2.74%	0.301%
34	19.569	2811	2819	2828	rVB	1911202	3253139	28.73%	3.150%
35	19.769	2848	2853	2858	rVB	6700376	8387438	74.07%	8.121%
36	20.157	2916	2919	2922	rVB	177612	188595	1.67%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.010	3062	3064	3074	rVB3	655804	1104517	9.75%	1.069%
38	21.298	3107	3113	3117	rBV2	4689004	7519356	66.41%	7.281%
39	21.339	3117	3120	3125	rVV	1049148	1327118	11.72%	1.285%
40	21.416	3128	3133	3147	rVV	7639268	11323300	100.00%	10.964%
41	22.974	3392	3398	3402	rBV	932455	2201342	19.44%	2.132%
42	23.592	3499	3503	3512	rVB	884687	1743268	15.40%	1.688%
43	23.704	3515	3522	3528	rBV2	3020092	6125358	54.10%	5.931%

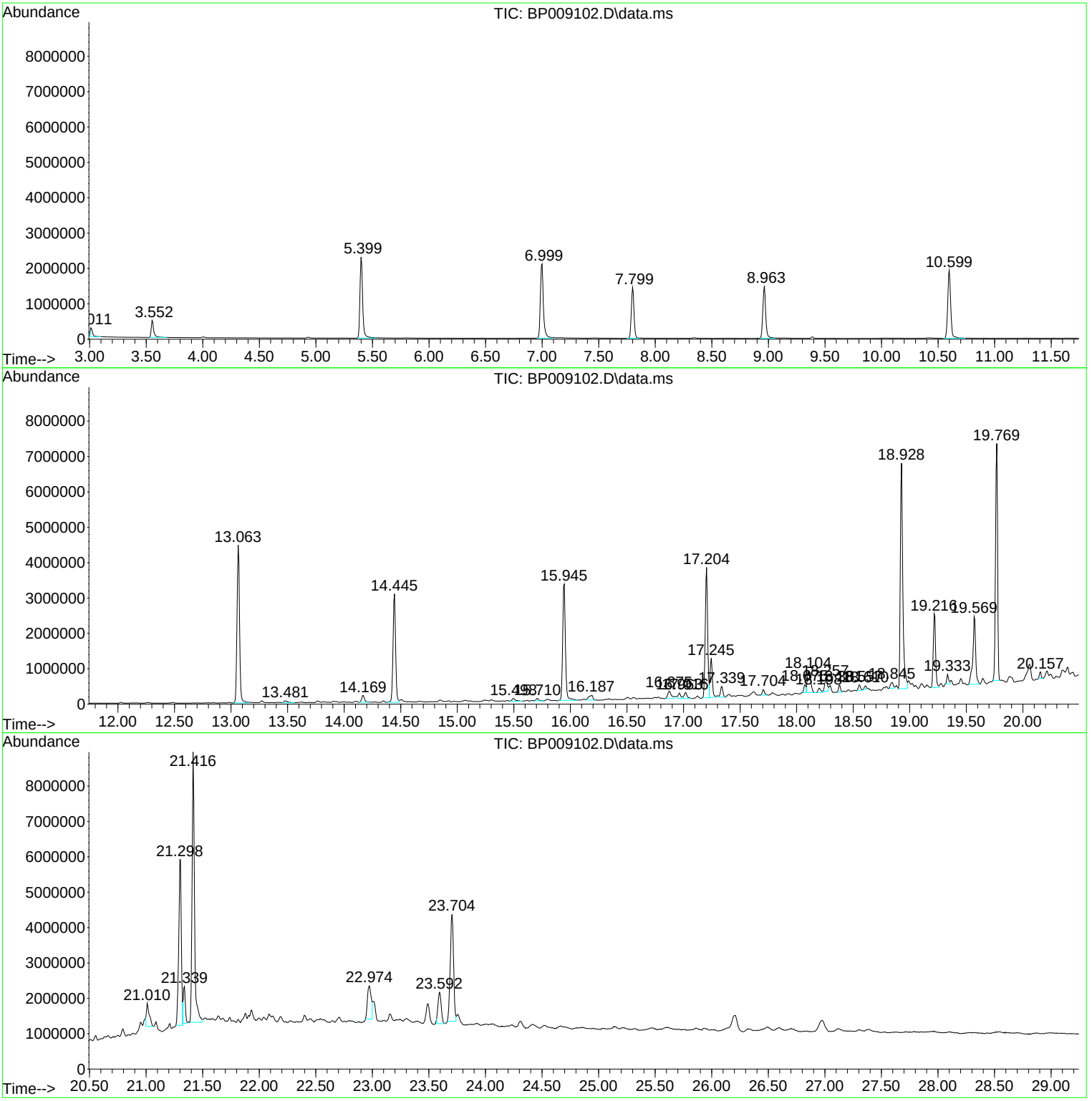
Sum of corrected areas: 103274829

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

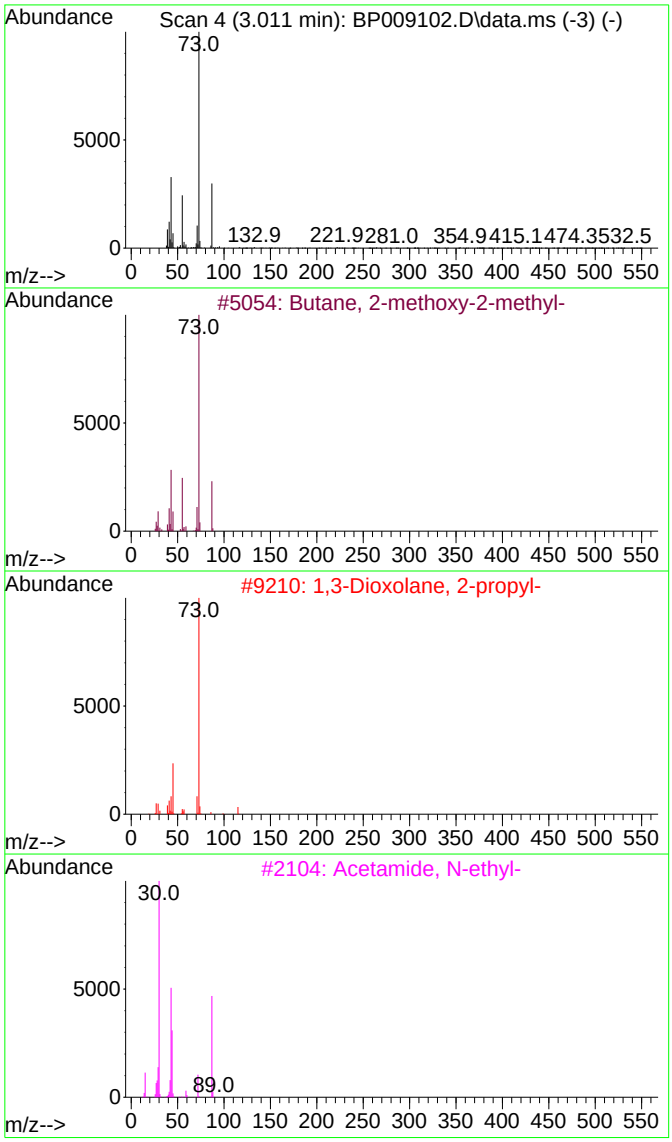
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

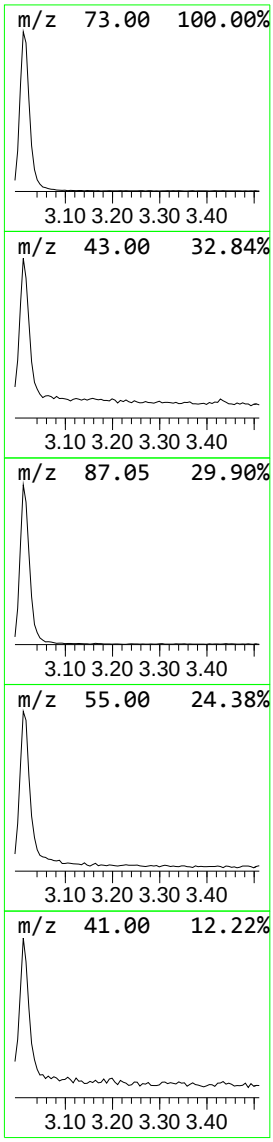
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.011	2.43 ng	286794	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentanoic acid, 5-[1,3]dioxolan-...	233	C9H15NO6	1000310-77-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

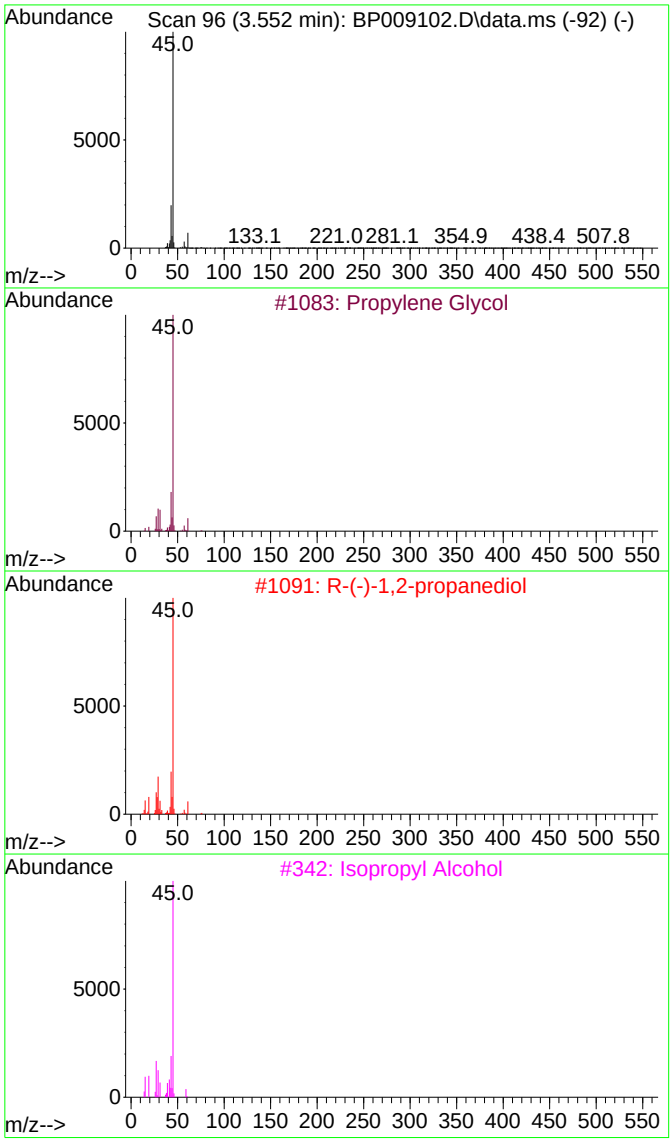
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

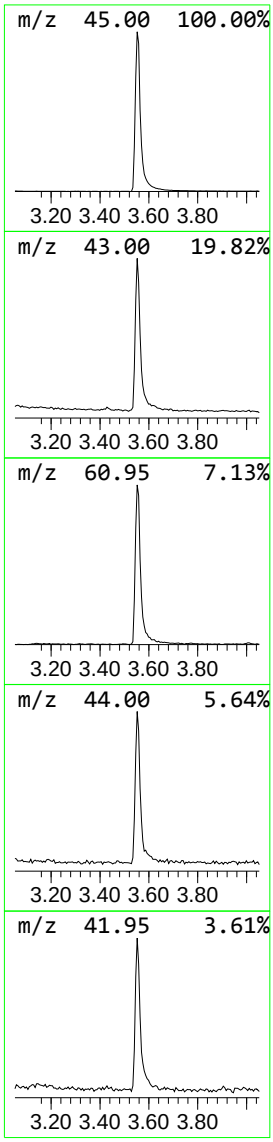
****

Peak Number 2 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.552	6.29 ng	740972	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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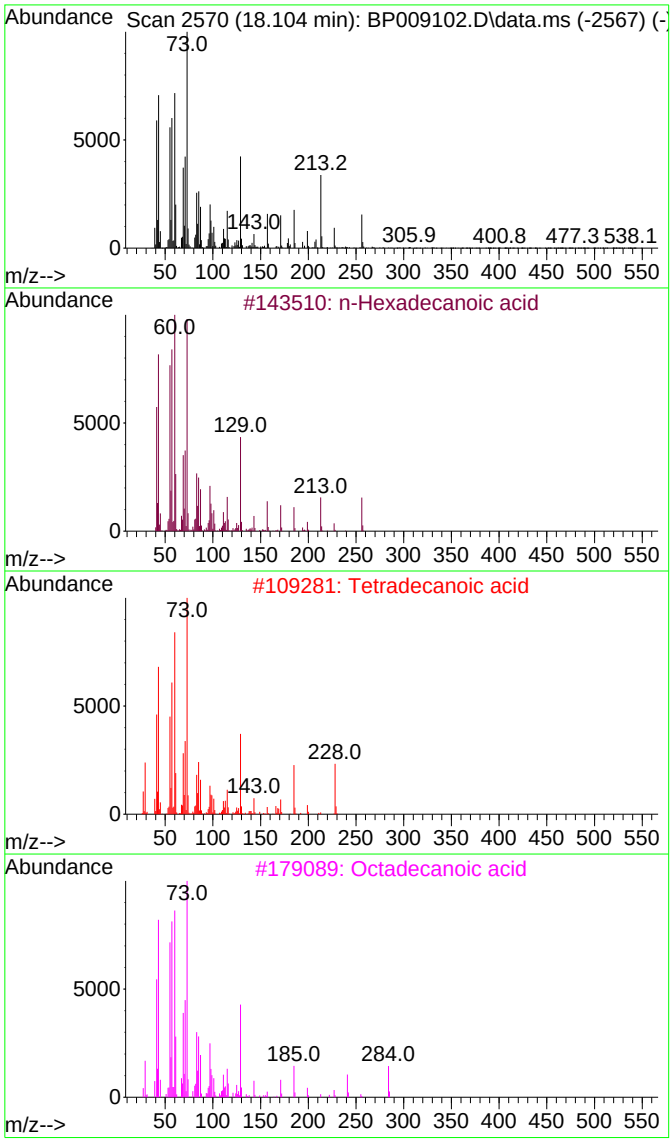
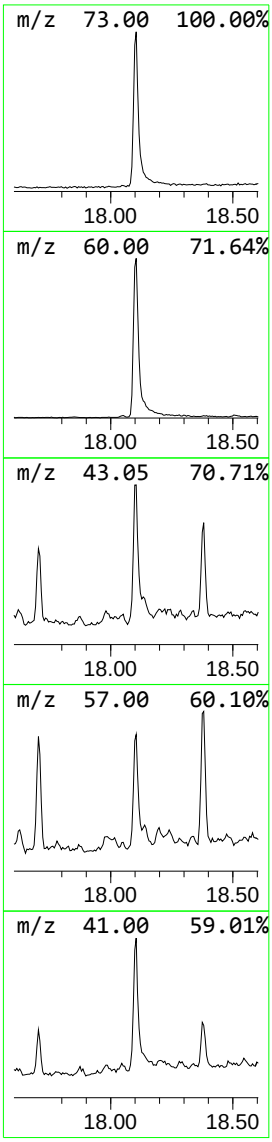
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	4.37 ng	1187020	Phenanthrene-d10	17.204

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	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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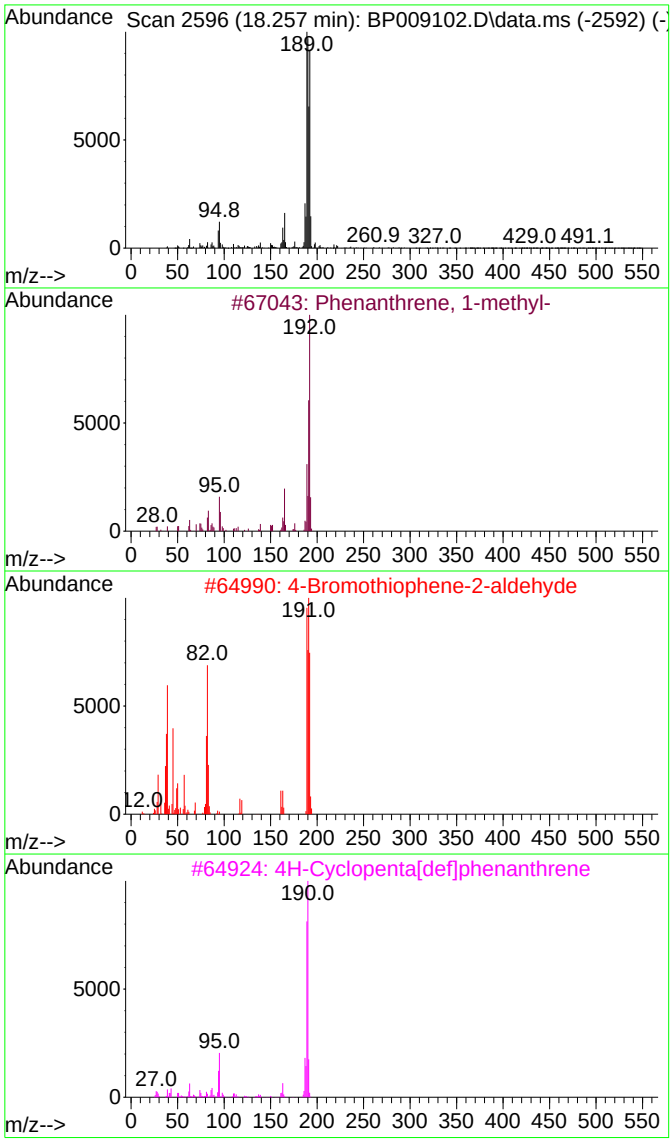
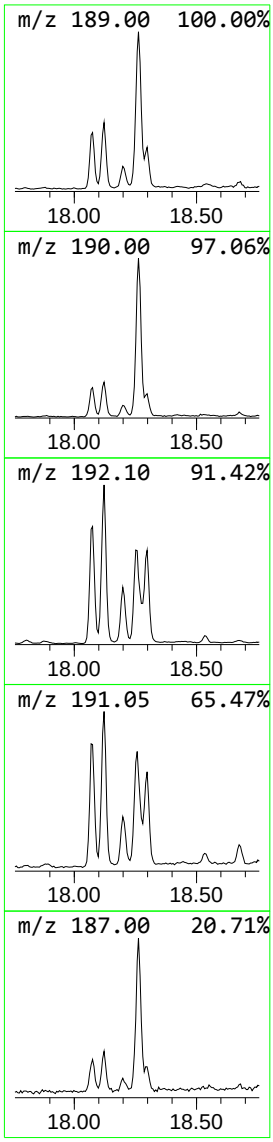
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	2.02 ng	548558	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

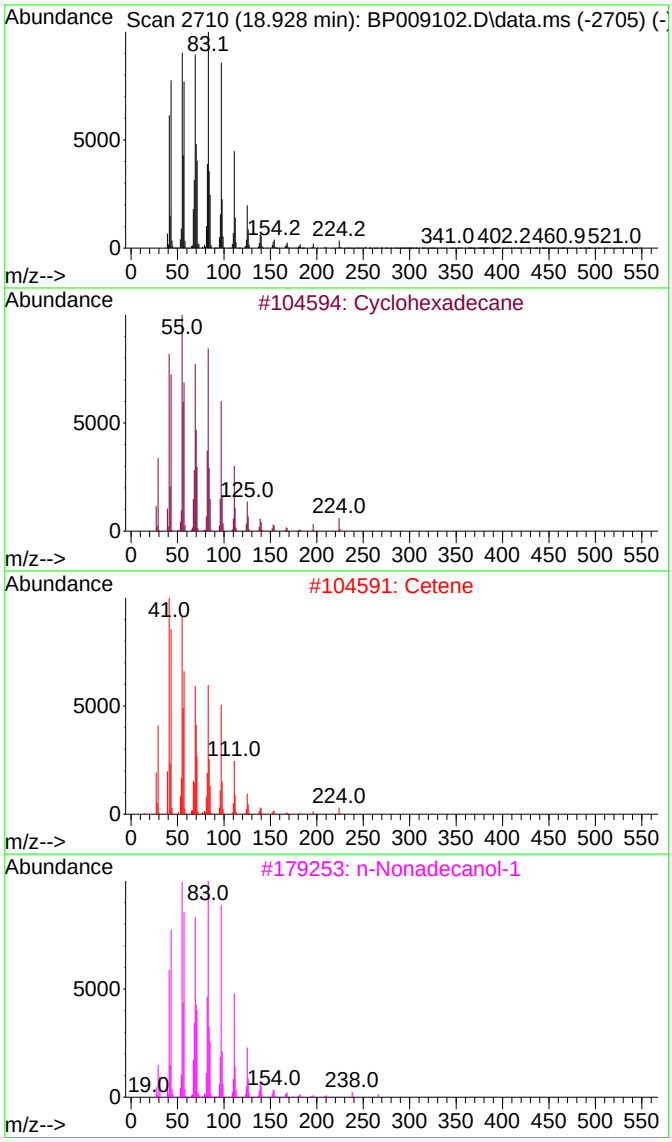
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

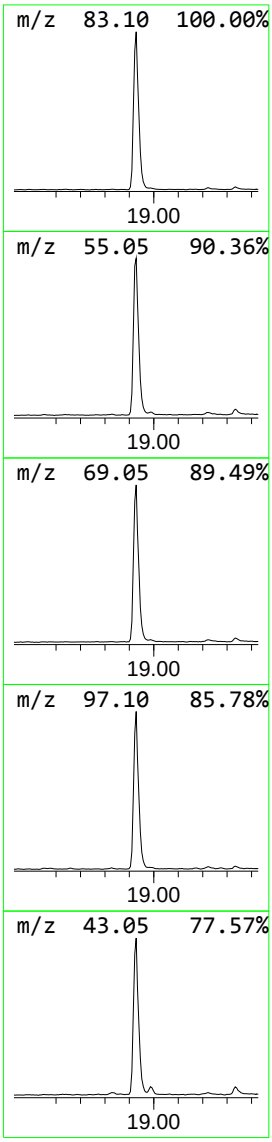
****

Peak Number 5 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	35.48 ng	9632200	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Cetene	224	C16H32	000629-73-2	98
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Octadecanol	270	C18H38O	000112-92-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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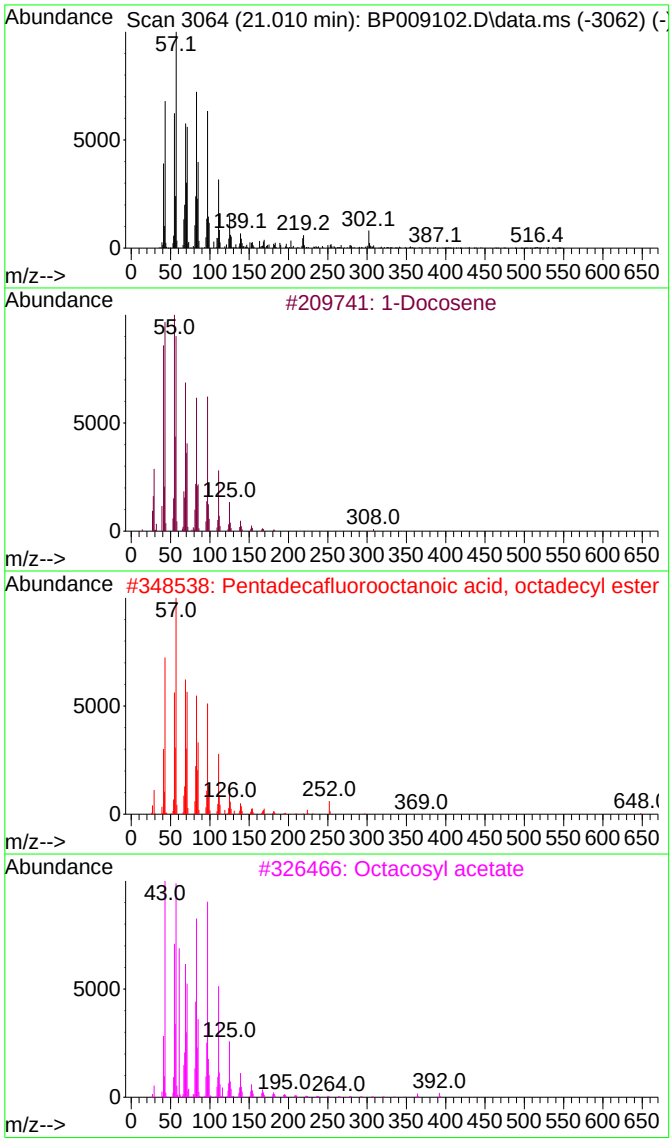
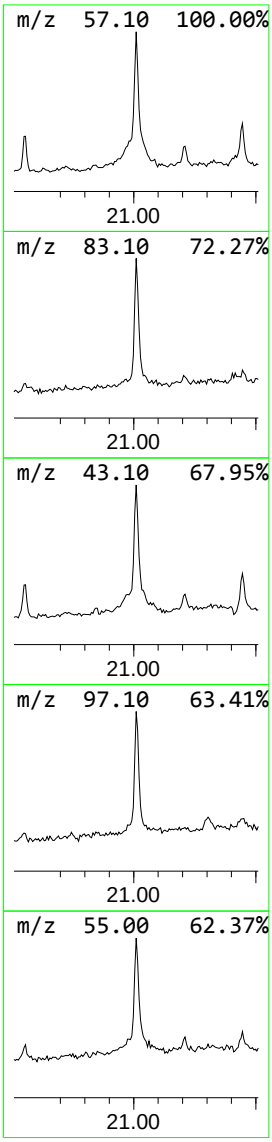
Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	2.94 ng	1104520	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Octacosyl acetate	452	C30H60O2	018206-97-8	92
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

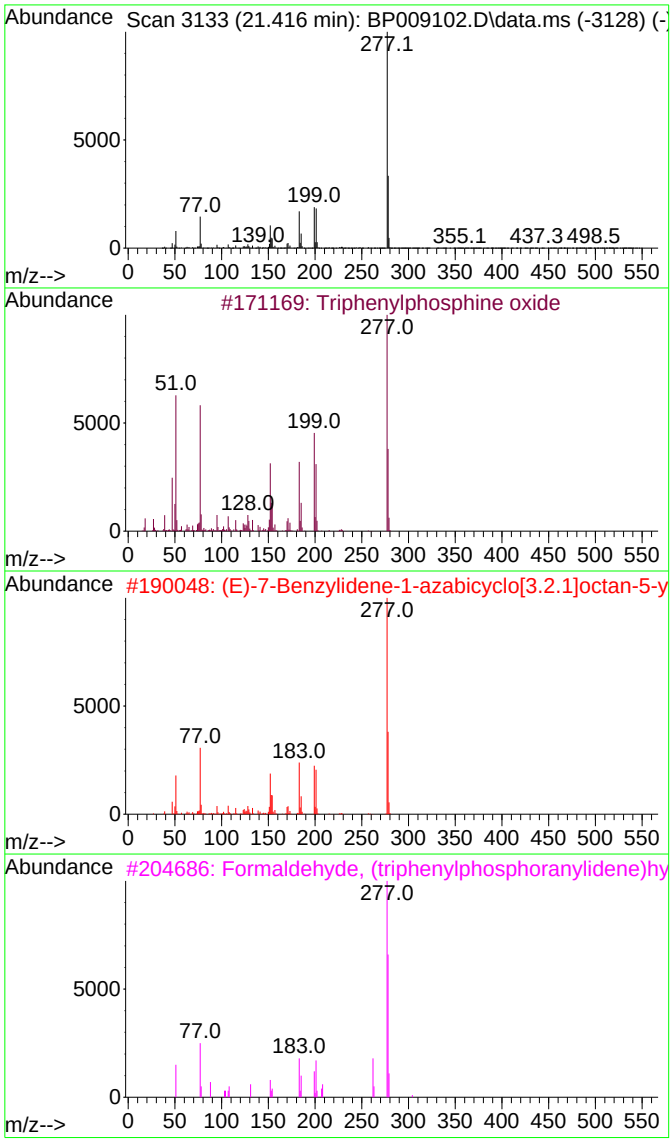
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

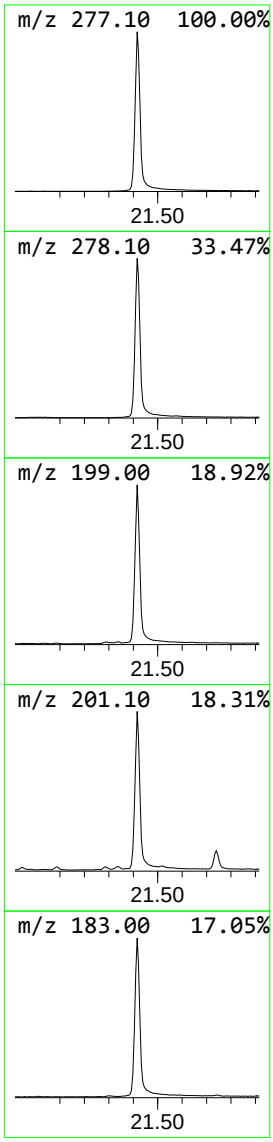
****

Peak Number 7 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.416	30.12 ng	11323300	Chrysene-d12	21.304

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	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009102.D
Acq On : 10 Feb 2022 16:42
Operator : CG/JU
Sample : N1435-01
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
RO-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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...	3.011	2.4	ng	286794	1	7.799	2355960	20.0
Propylene Glycol	3.552	6.3	ng	740972	1	7.799	2355960	20.0
n-Hexadecanoic ...	18.104	4.4	ng	1187020	4	17.204	5429430	20.0
Phenanthrene, 1...	18.257	2.0	ng	548558	4	17.204	5429430	20.0
Cyclohexadecane	18.928	35.5	ng	9632200	4	17.204	5429430	20.0
1-Docosene	21.010	2.9	ng	1104520	5	21.304	7519360	20.0
Triphenylphosph...	21.416	30.1	ng	11323300	5	21.304	7519360	20.0