LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007341.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	393	400	419	rBV	2200823	3345016	46.75%	7.719%
2	7.040	664	672	688	rBV	1917943	3273545	45.75%	7.554%
3	7.858	804	811	820	rBV	565154	880275	12.30%	2.031%
4	9.022	1002	1009	1027	rBV	1247851	2157096	30.15%	4.978%
5	10.452	1245	1252	1277	rBV	220350	570258	7.97%	1.316%
6	10.657	1279	1287	1301	rVV	695024	1210745	16.92%	2.794%
7	13.116	1697	1705	1726	rBV	3111637	4818657	67.35%	11.119%
8	14.222	1887	1893	1902	rBV	54901	94463	1.32%	0.218%
9	14.492	1932	1939	1963	rBV	971192	1600108	22.36%	3.692%
10	15.987	2182	2193	2218	rBV	2337240	4073759	56.94%	9.400%
11	17.245	2401	2407	2411	rBV	1329183	1905246	26.63%	4.396%
12	17.286	2411	2414	2421	rVV	243593	362565	5.07%	0.837%
13	17.381	2425	2430	2435	rVB	92299	134012	1.87%	0.309%
14	18.133	2550	2558	2561	rBV2	248037	512380	7.16%	1.182%
15	18.163	2561	2563	2568	rVV	196018	241089	3.37%	0.556%
16	18.239	2572	2576	2581	rVV	65123	106322	1.49%	0.245%
17	18.298	2581	2586	2590	rVV2	172353	331847	4.64%	0.766%
18	18.339	2590	2593	2600	rVB	124758	172604	2.41%	0.398%
19	18.598	2633	2637	2641	rBV2	59501	88981	1.24%	0.205%
20	18.963	2695	2699	2703	rBV	430716	587143	8.21%	1.355%
21	18.998	2703	2705	2710	rVB	138823	193746	2.71%	0.447%
22	19.139	2725	2729	2742	rVB6	71398	185614	2.59%	0.428%
23	19.257	2744	2749	2755	rBV	620517	795786	11.12%	1.836%
24	19.363	2762	2767	2771	rBV3	109564	192129	2.69%	0.443%
25	19.610	2800	2809	2817	rBV	751558	1240040	17.33%	2.861%
26	19.680	2818	2821	2827	rVB2	75801	126160	1.76%	0.291%
27	19.804	2837	2842	2847	rBV	6189657	7155076	100.00%	16.511%
28	19.922	2857	2862	2863	rBV5	90721	142978	2.00%	0.330%
29	20.245	2913	2917	2921	rBV	179590	231549	3.24%	0.534%
30	20.380	2937	2940	2944	rBV	161695	199317	2.79%	0.460%
31	20.427	2945	2948	2951	rVV	114583	134720	1.88%	0.311%
32	21.039	3050	3052	3060	rVB3	308388	390053	5.45%	0.900%
33	21.239	3083	3086	3089	rVB	248536	271369	3.79%	0.626%
34	21.333	3096	3102	3106	rBV2	1958281	2943137	41.13%	6.791%
35	21.369	3106	3108	3115	rVB	422891	484530	6.77%	1.118%
36	23.733	3504	3510	3516	rBV2	1122166	2184173	30.53%	5.040%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
213

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

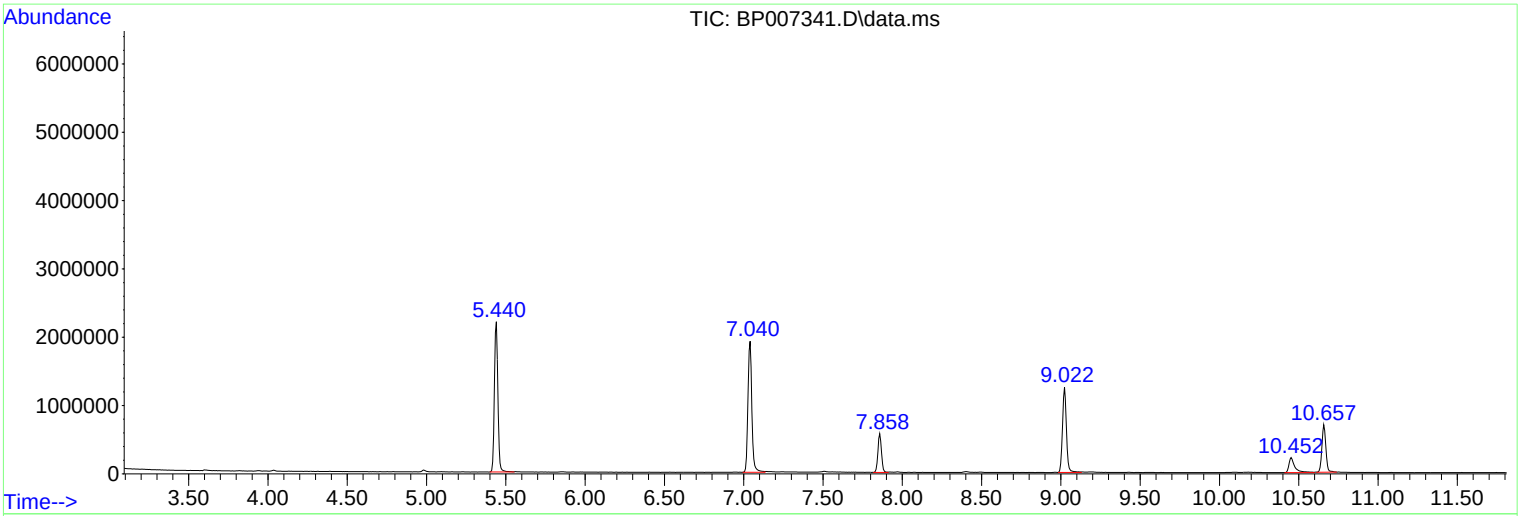
Sum of corrected areas: 43336488

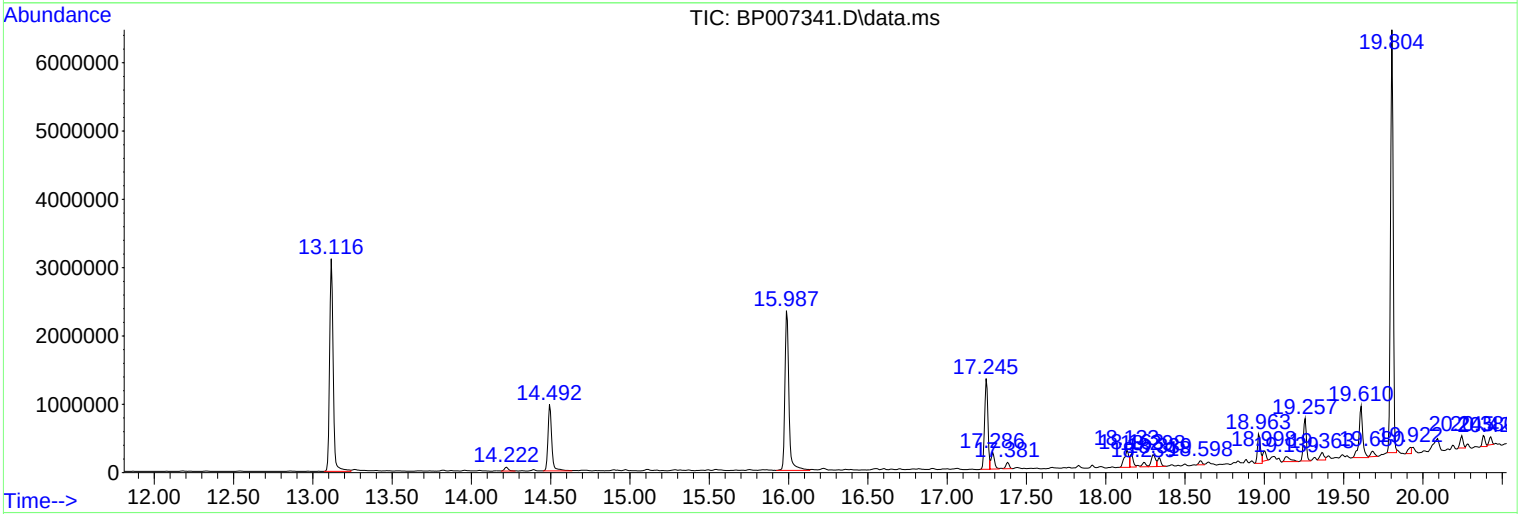
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

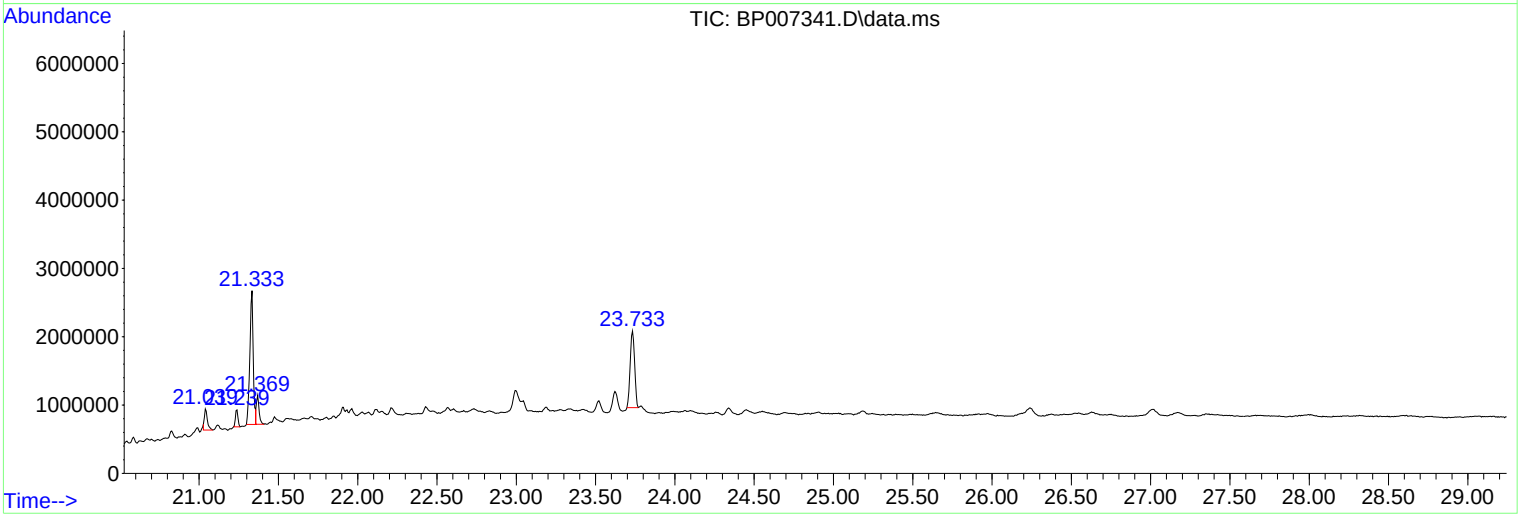
Instrument :
BNA_P
ClientSampleId :
213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

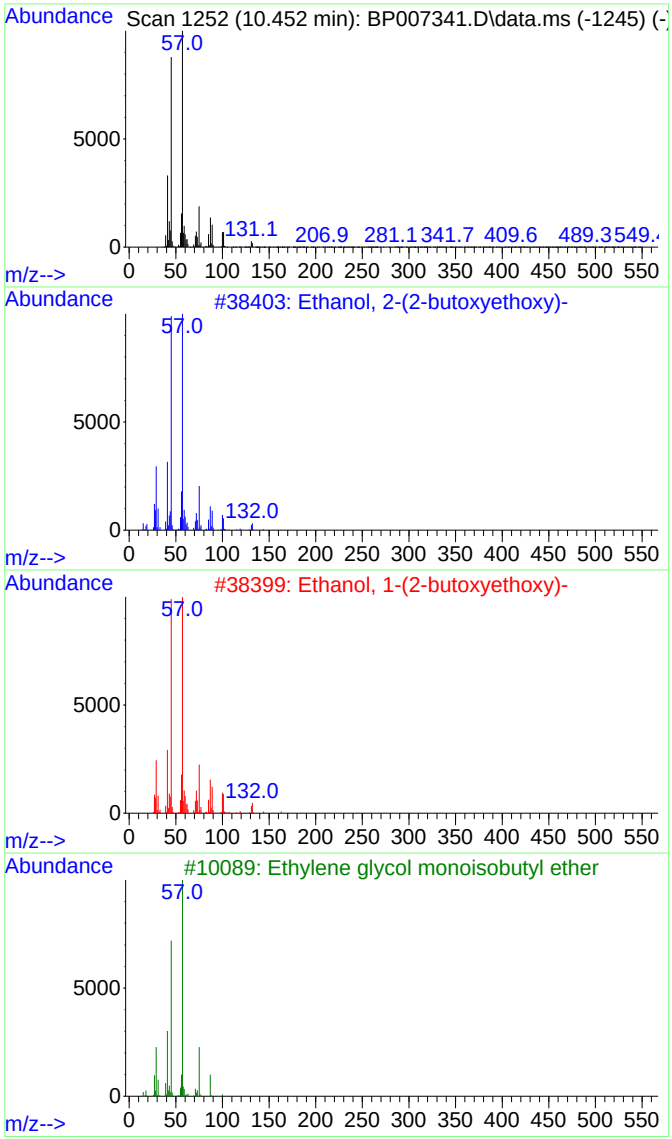
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

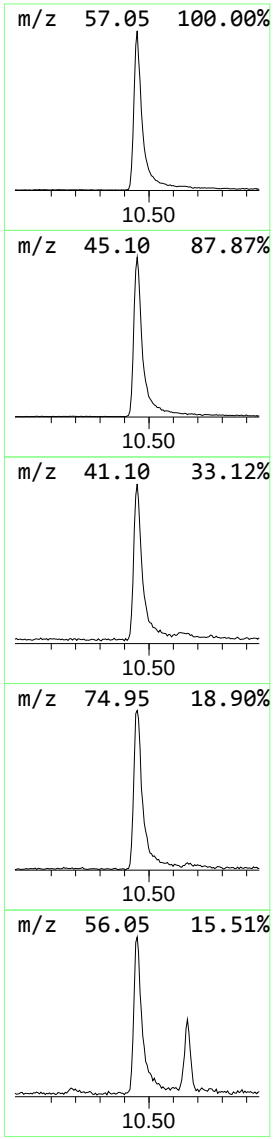
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	9.42 ng	570258	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

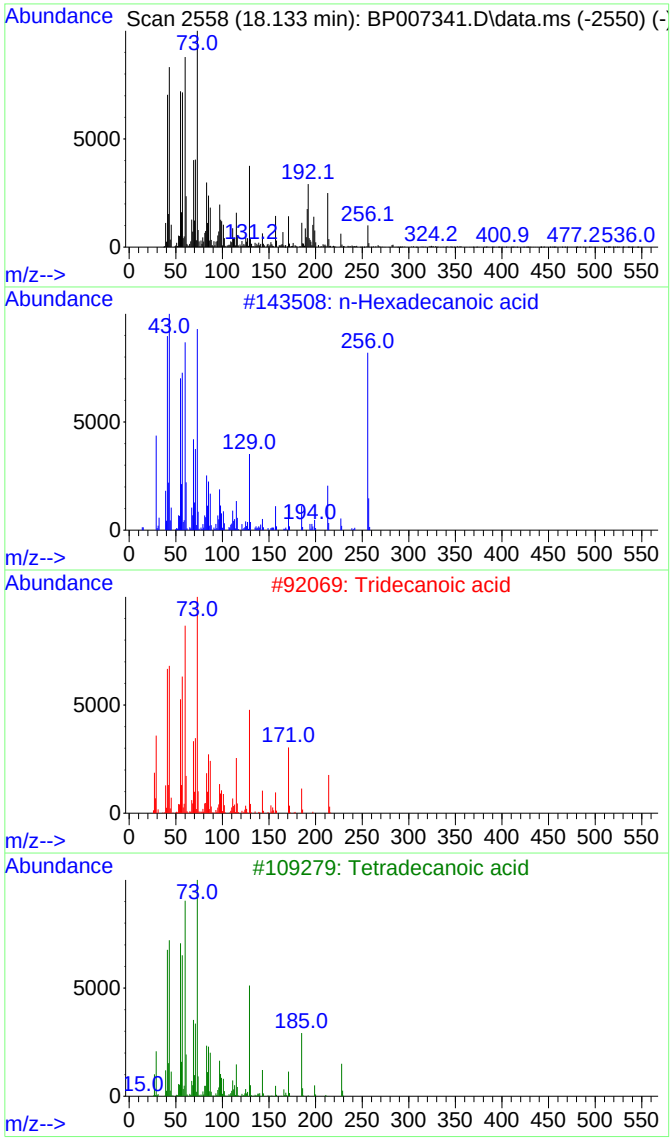
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

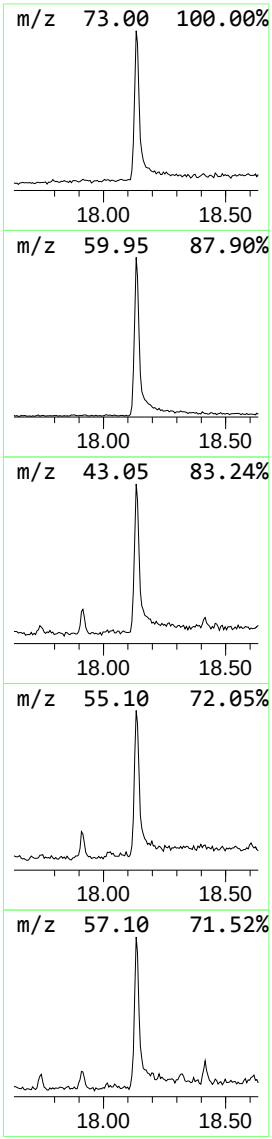
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	5.38 ng	512380	Phenanthrene-d10	17.245

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

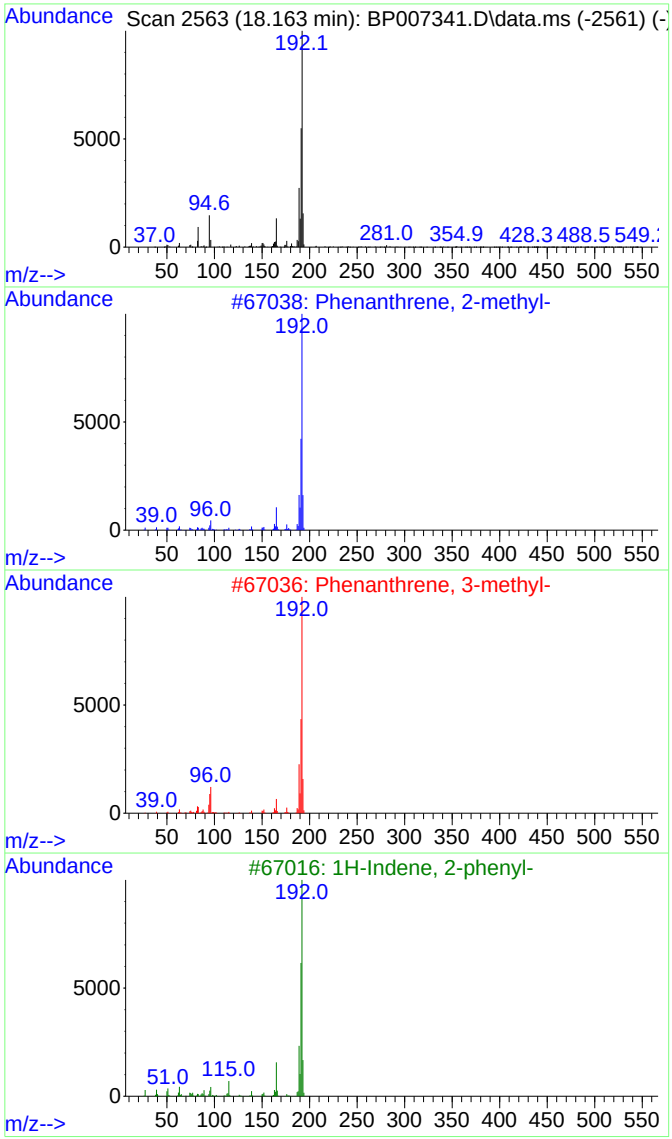
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

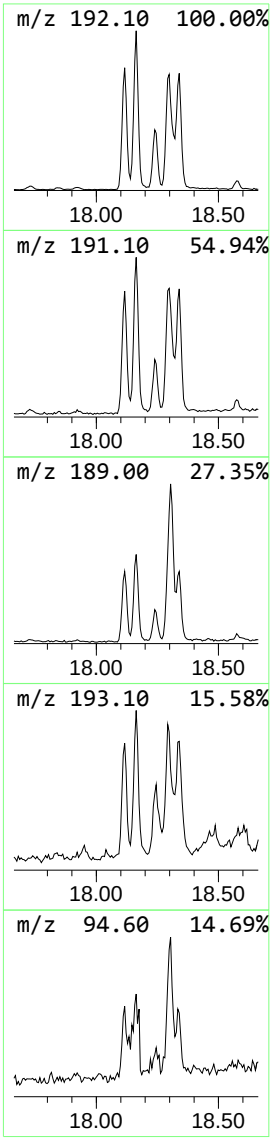
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.53 ng	241089	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

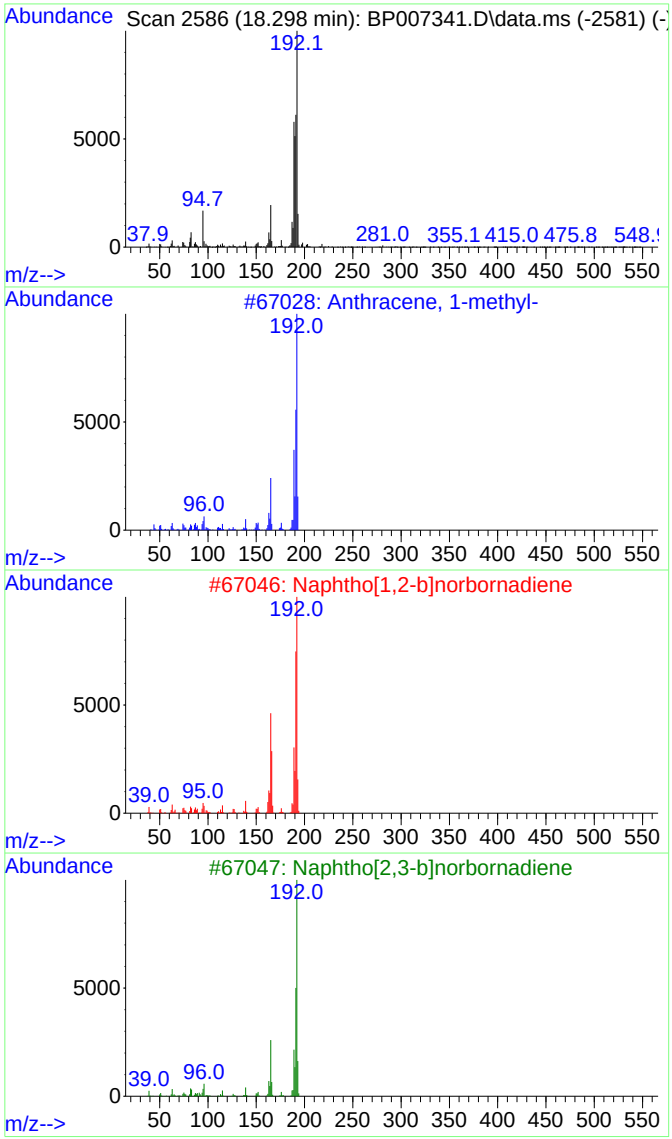
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

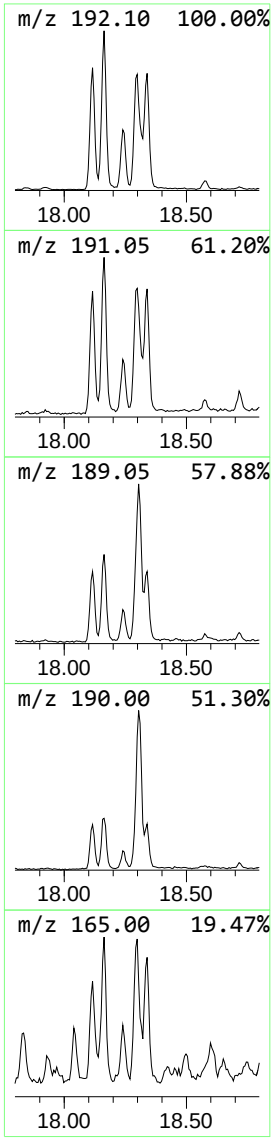
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.48 ng	331847	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	83
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

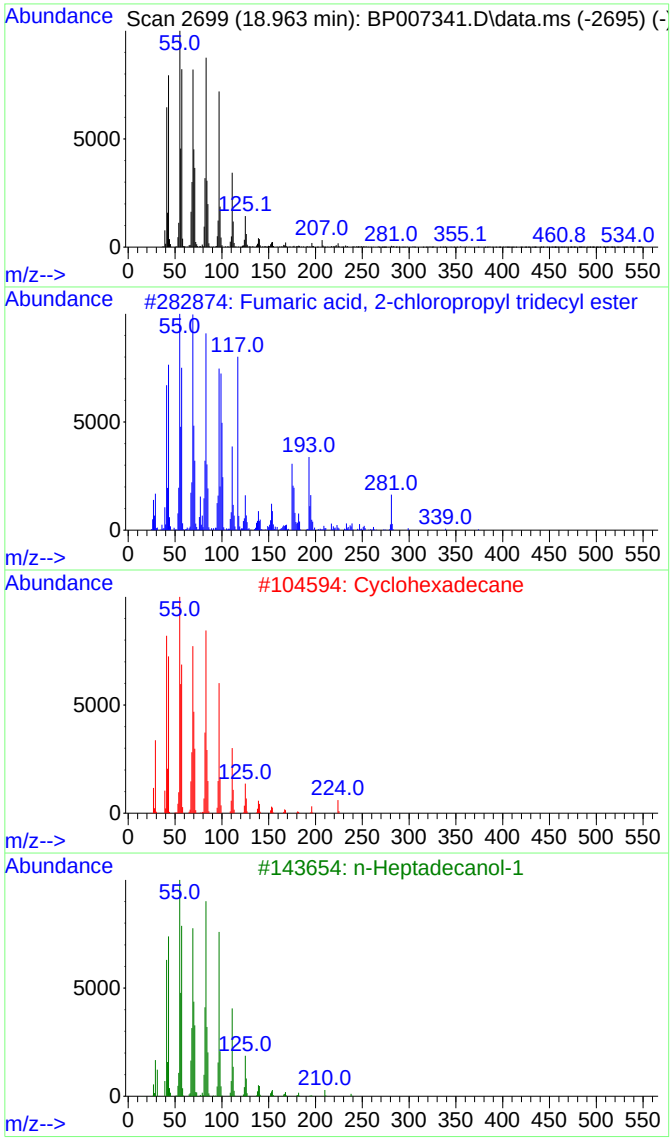
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

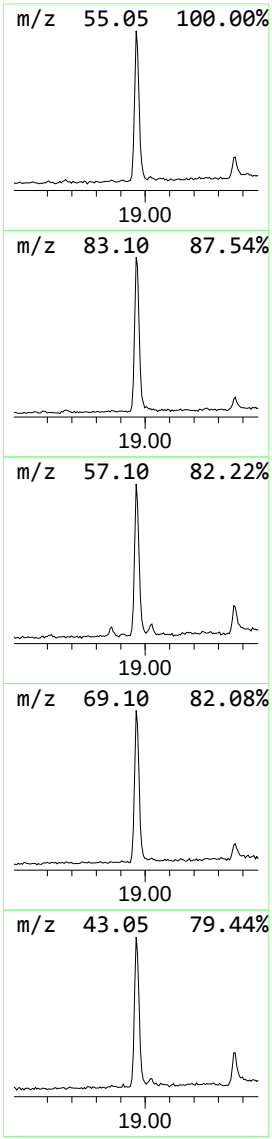
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Fumaric acid, 2-chloropropy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	6.16 ng	587143	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	98
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

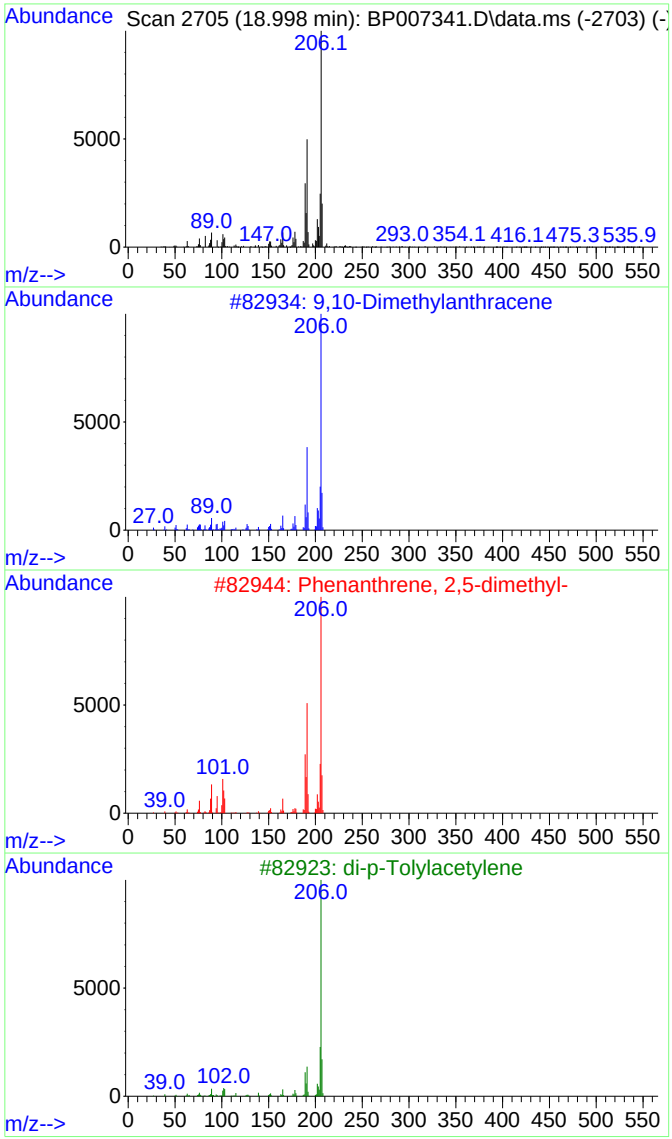
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

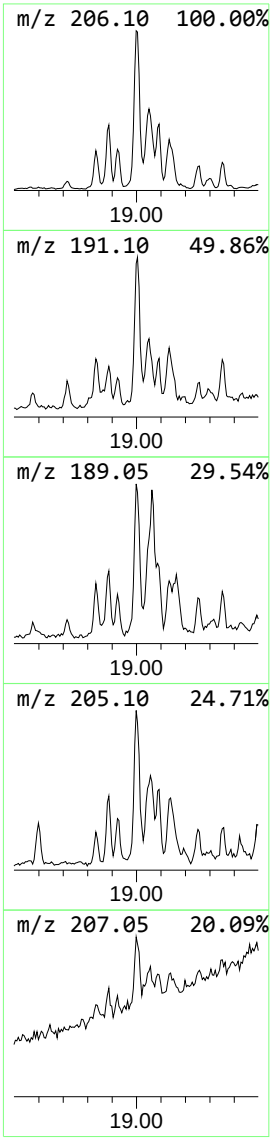
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	2.03 ng	193746	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

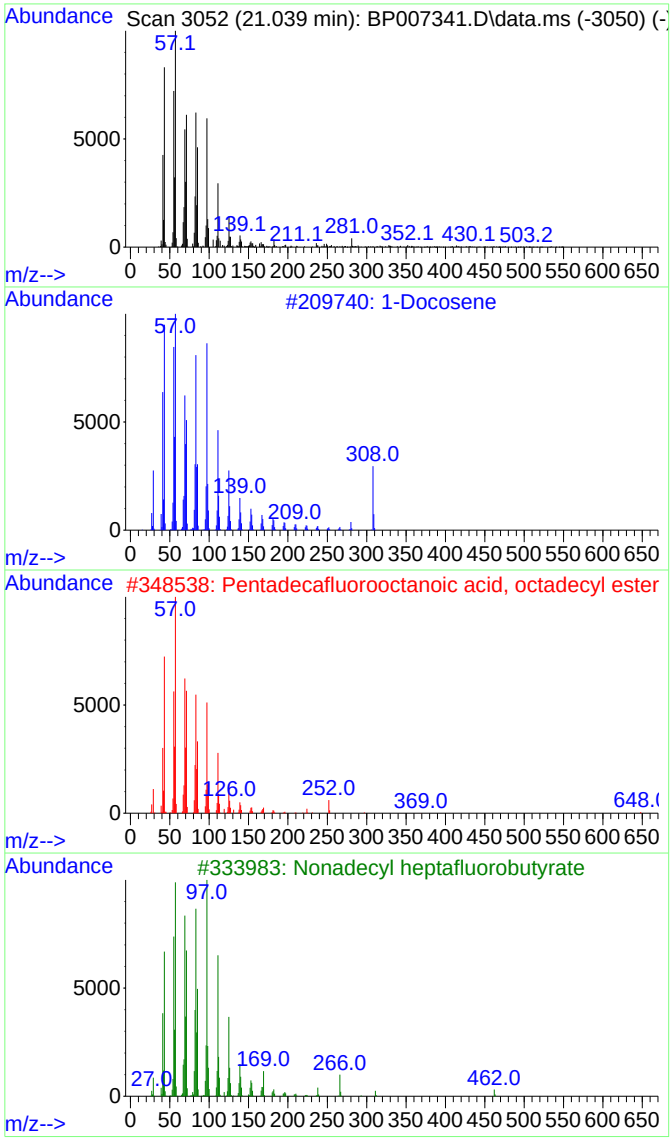
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

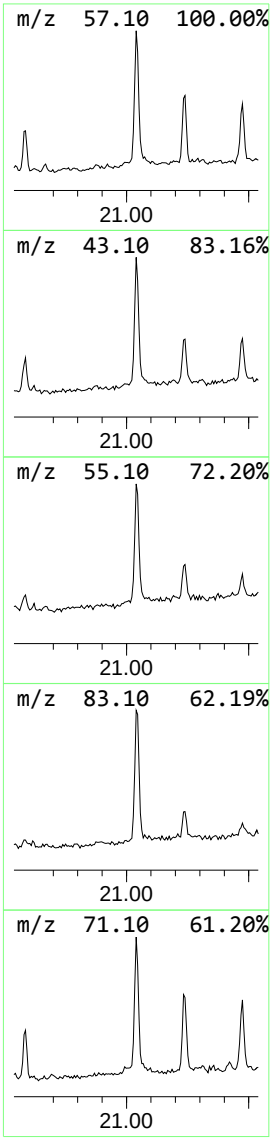
****

Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.039	2.65 ng	390053	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	87
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007341.D
Acq On : 06 Oct 2021 00:03
Operator : CG/JU
Sample : M4035-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 213

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Ethanol, 2-(2-b...	10.451	9.4	ng	570258	2	10.657	1210750	20.0
n-Hexadecanoic ...	18.134	5.4	ng	512380	4	17.245	1905250	20.0
Phenanthrene, 2...	18.163	2.5	ng	241089	4	17.245	1905250	20.0
Anthracene, 1-m...	18.298	3.5	ng	331847	4	17.245	1905250	20.0
Fumaric acid, 2...	18.963	6.2	ng	587143	4	17.245	1905250	20.0
9,10-Dimethylan...	18.998	2.0	ng	193746	4	17.245	1905250	20.0
1-Docosene	21.039	2.6	ng	390053	5	21.333	2943140	20.0