LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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: BP009350.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	29	rVB	644971	1059401	6.35%	0.723%
2	5.416	405	413	431	rBV	6331382	10219073	61.28%	6.975%
3	6.993	670	681	695	rBV	6401486	10973284	65.80%	7.489%
4	7.816	812	821	829	rBV	1665941	2885325	17.30%	1.969%
5	8.969	1005	1017	1029	rBV	4149786	7317718	43.88%	4.994%
6	9.122	1035	1043	1053	rVB	208519	404578	2.43%	0.276%
7	10.610	1288	1296	1303	rBV	2307777	4133977	24.79%	2.821%
8	13.081	1708	1716	1729	rBV	9818955	15673731	93.99%	10.697%
9	13.910	1848	1857	1868	rVB	193676	403117	2.42%	0.275%
10	14.175	1897	1902	1911	rBV	224540	399639	2.40%	0.273%
11	14.457	1943	1950	1956	rBV	3356793	5391175	32.33%	3.680%
12	14.516	1957	1960	1969	rVB	108570	204608	1.23%	0.140%
13	15.122	2059	2063	2068	rVB3	112755	181368	1.09%	0.124%
14	15.275	2085	2089	2094	rVB	163385	253634	1.52%	0.173%
15	15.504	2124	2128	2133	rBV	139372	208706	1.25%	0.142%
16	15.951	2194	2204	2215	rBV	7892788	12632292	75.75%	8.622%
17	16.210	2240	2248	2254	rBV2	327541	726859	4.36%	0.496%
18	16.304	2259	2264	2269	rBV	747464	1160544	6.96%	0.792%
19	16.369	2269	2275	2280	rVB2	594090	1139984	6.84%	0.778%
20	16.422	2280	2284	2289	rBV2	678220	1004364	6.02%	0.685%
21	16.469	2289	2292	2297	rVB	364348	461938	2.77%	0.315%
22	16.545	2297	2305	2307	rBV2	266273	608555	3.65%	0.415%
23	16.569	2307	2309	2313	rVB2	290424	343838	2.06%	0.235%
24	16.628	2313	2319	2325	rBV4	598919	1141966	6.85%	0.779%
25	16.692	2326	2330	2334	rBV	694839	983645	5.90%	0.671%
26	16.769	2339	2343	2350	rVB2	481610	787873	4.72%	0.538%
27	16.869	2355	2360	2369	rVV4	299285	500875	3.00%	0.342%
28	17.022	2383	2386	2398	rVB4	303557	717824	4.30%	0.490%
29	17.128	2401	2404	2412	rVB4	190155	287818	1.73%	0.196%
30	17.216	2412	2419	2423	rBV	3734502	5958731	35.73%	4.067%
31	17.257	2423	2426	2434	rVV	2181593	3259500	19.55%	2.225%
32	17.345	2437	2441	2447	rVV	573779	931659	5.59%	0.636%
33	17.410	2449	2452	2458	rVB4	105609	199049	1.19%	0.136%
34	17.616	2484	2487	2492	rVB	187608	266319	1.60%	0.182%
35	17.739	2505	2508	2512	rBV2	224750	313904	1.88%	0.214%
36	18.010	2550	2554	2559	rBV3	340774	569049	3.41%	0.388%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

37	18.086	2560	2567	2570	rVV2	574320	1095296	6.57%	0.748%
38	18.128	2570	2574	2580	rVB2	1525002	2473757	14.83%	1.688%
39	18.275	2595	2599	2603	rBV2	651813	1063729	6.38%	0.726%
40	18.310	2603	2605	2612	rVB2	427938	601382	3.61%	0.410%
41	18.416	2619	2623	2628	rBV2	422814	706684	4.24%	0.482%
42	18.575	2647	2650	2653	rBV	260837	309374	1.86%	0.211%
43	18.863	2696	2699	2702	rBV	516565	639503	3.83%	0.436%
44	19.033	2724	2728	2732	rBV4	560352	1012093	6.07%	0.691%
45	19.233	2758	2762	2773	rBV	4455400	7266305	43.57%	4.959%
46	19.592	2819	2823	2829	rVB	3626075	5220756	31.31%	3.563%
47	19.792	2849	2857	2862	rBV	11881695	16676469	100.00%	11.382%
48	21.321	3112	3117	3121	rBV2	4097549	7878995	47.25%	5.377%
49	23.004	3399	3403	3413	rBV	1404171	3950064	23.69%	2.696%
50	23.733	3523	3527	3533	rVB2	2068455	3918578	23.50%	2.674%

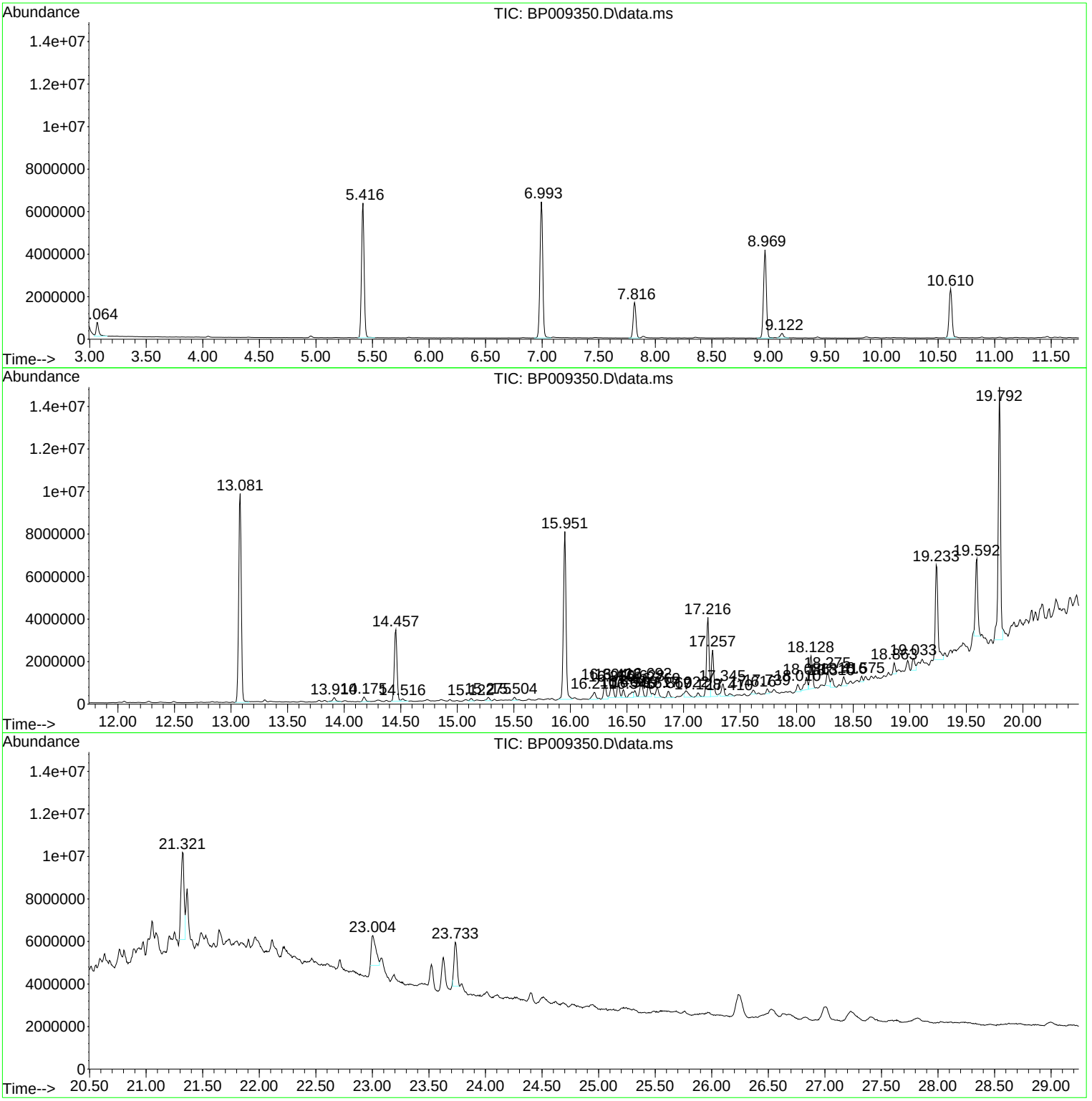
Sum of corrected areas: 146518905

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

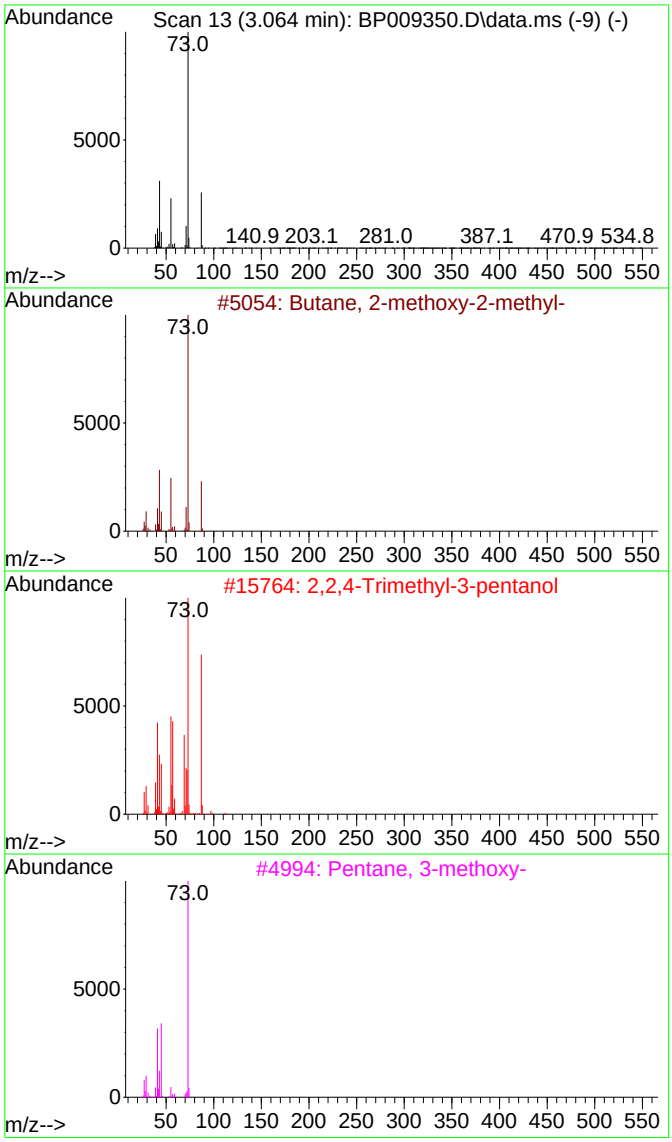
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

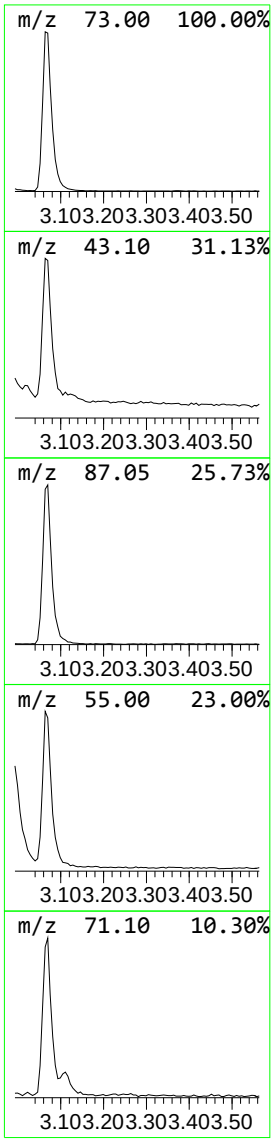
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	7.34 ng	1059400	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

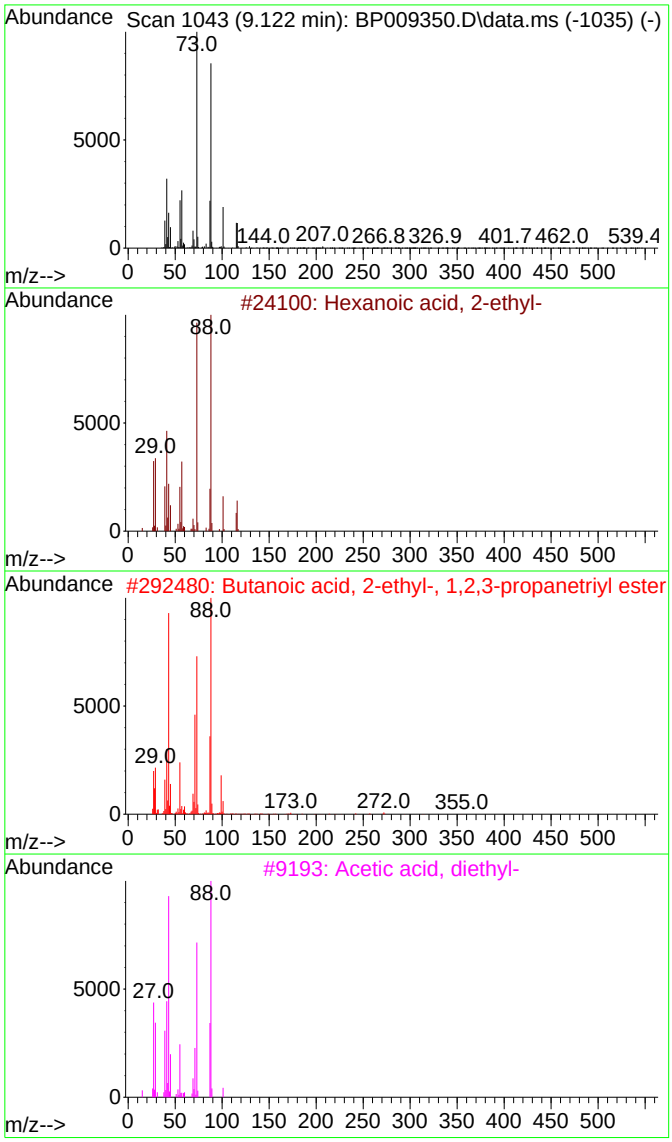
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

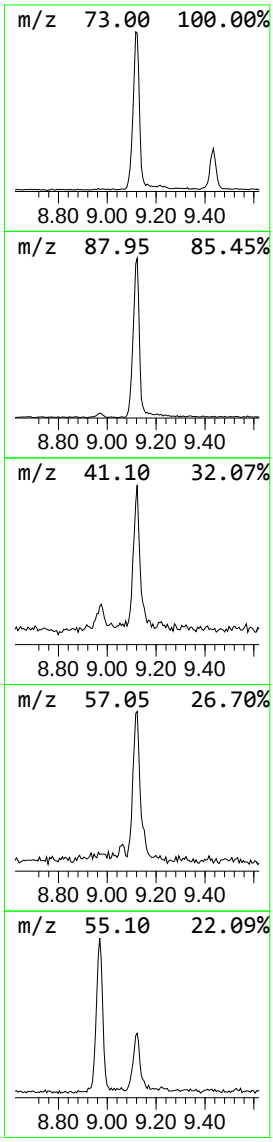
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	2.80 ng	404578	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	38
4	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	38
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

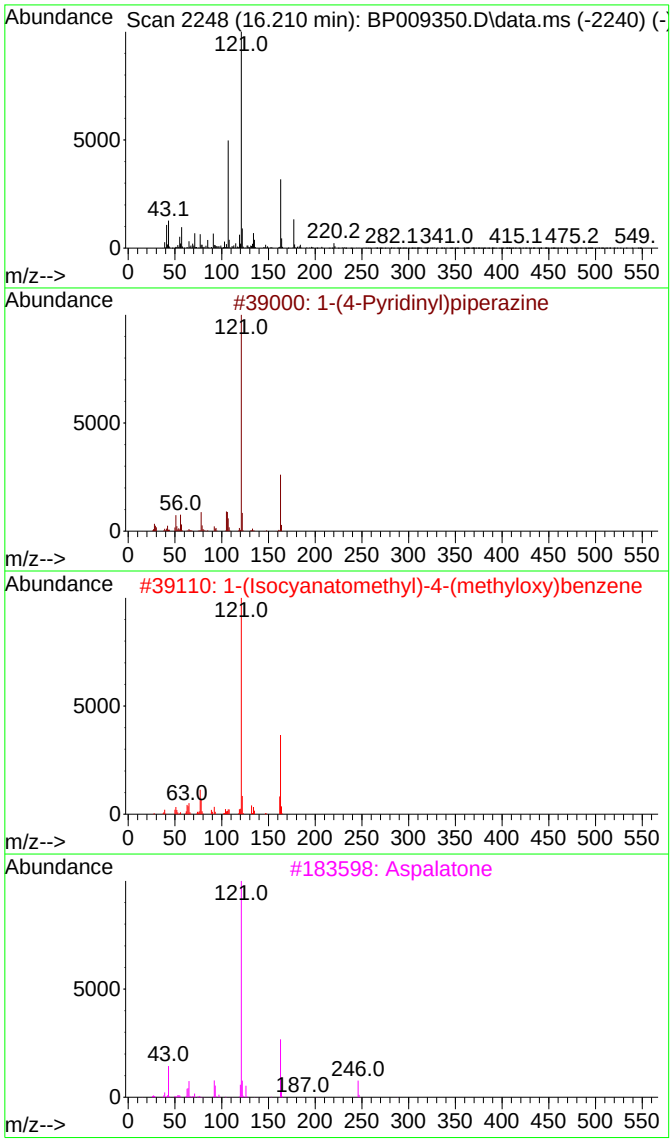
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

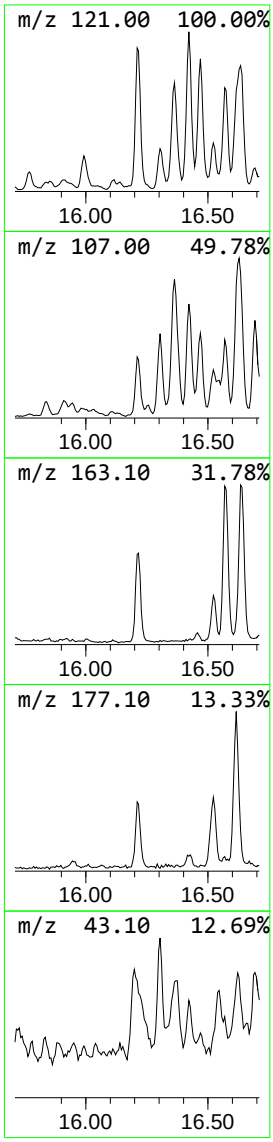
****

Peak Number 3 1-(4-Pyridinyl)piperazine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.210	2.44 ng	726859	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	50
2	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	50
3	Aspalatone	288	C15H12O6	147249-33-0	47
4	1,2,4-Oxadiazol-5-amine, 3-[4-(c...	328	C15H16N6O3	1000351-08-7	47
5	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

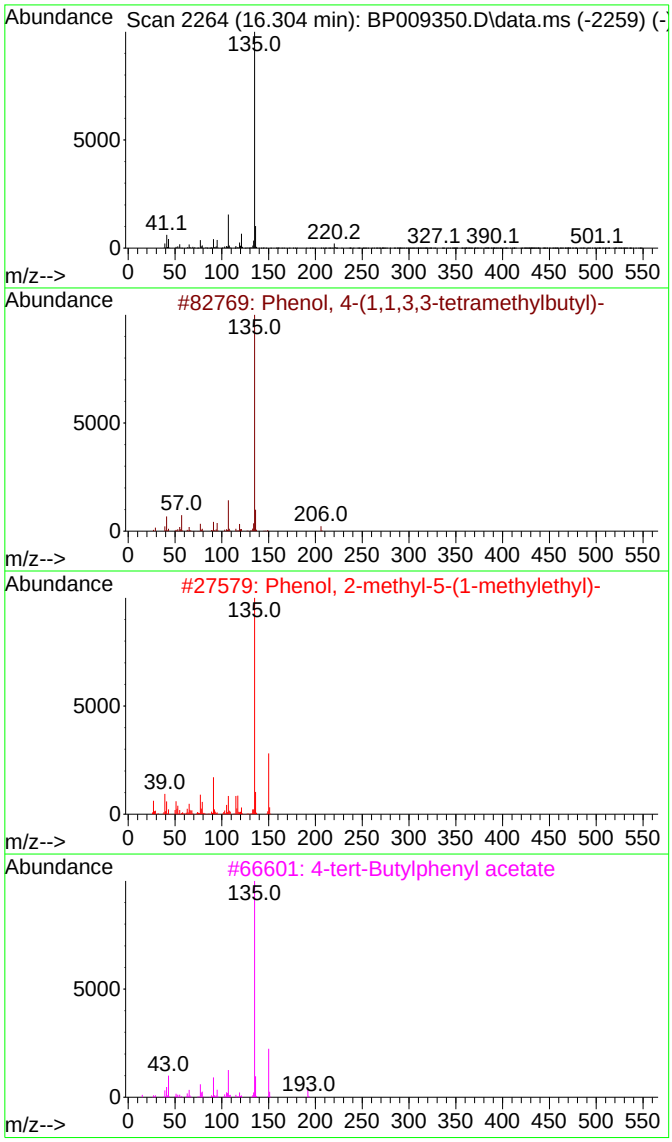
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

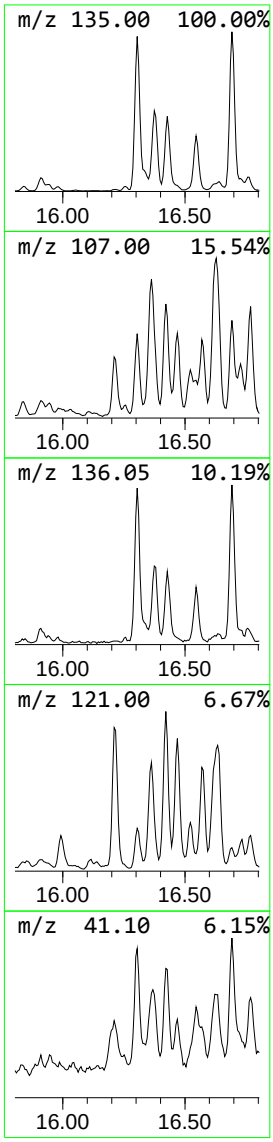
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	3.90 ng	1160540	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

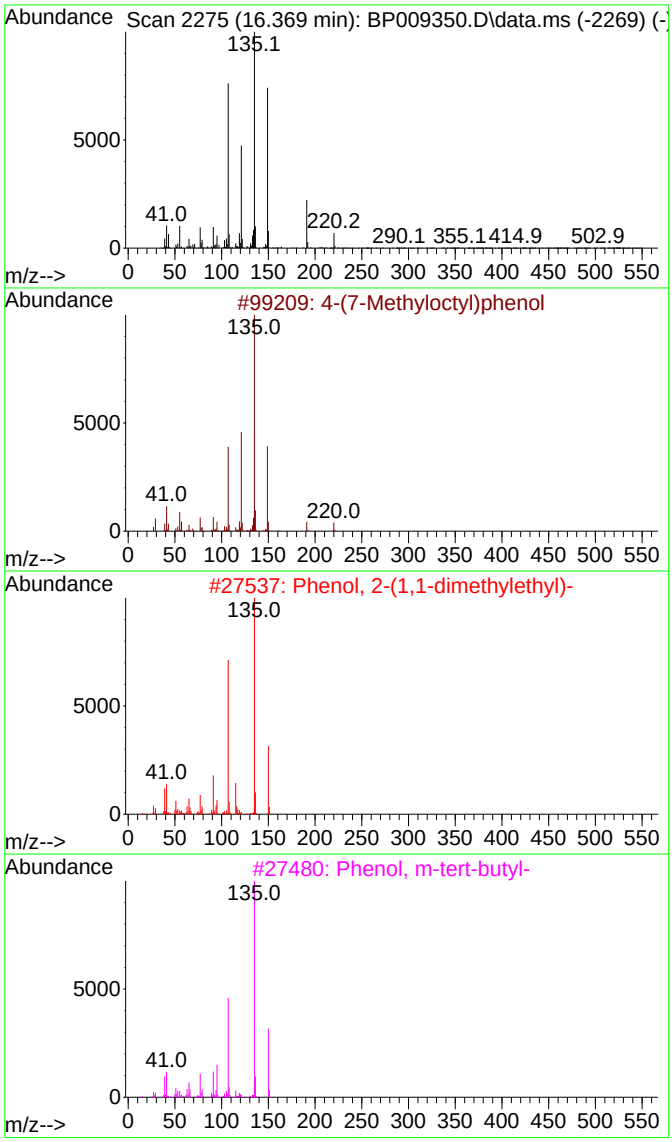
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

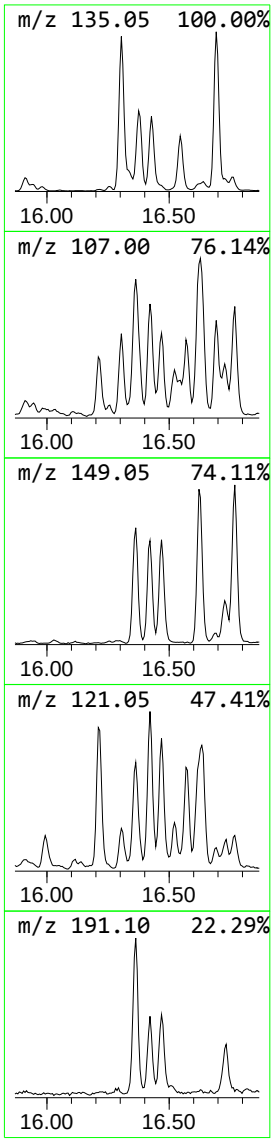
****

Peak Number 5 4-(7-Methyloctyl)phenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.369	3.83 ng	1139980	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	93
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	55
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	49
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	47
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

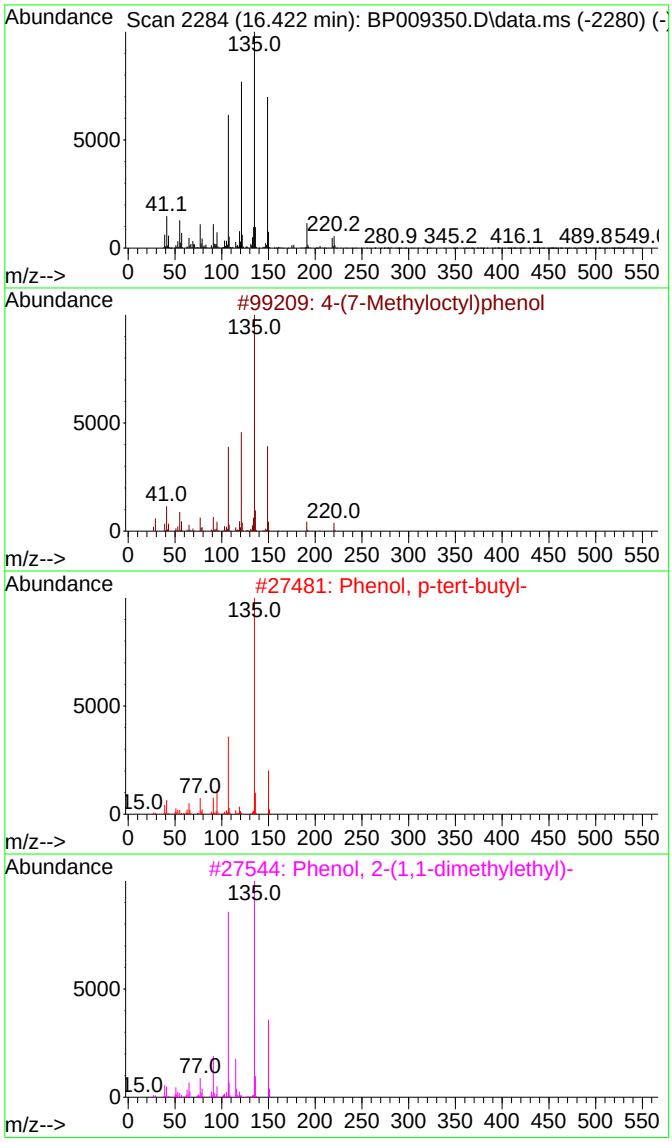
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

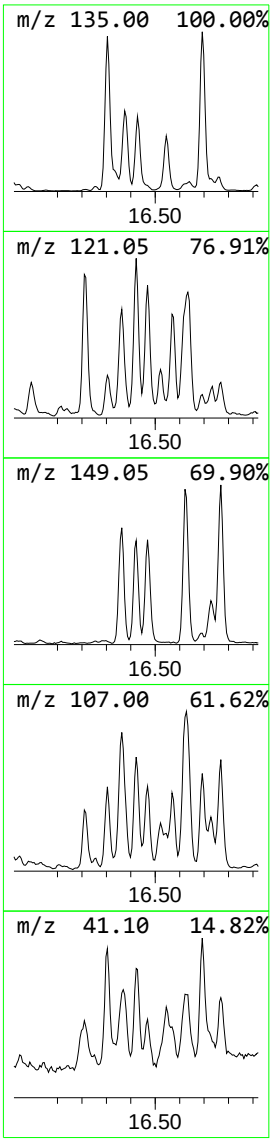
****

Peak Number 6 unknown16.422 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	3.37 ng	1004360	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	93
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	46
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	38
5	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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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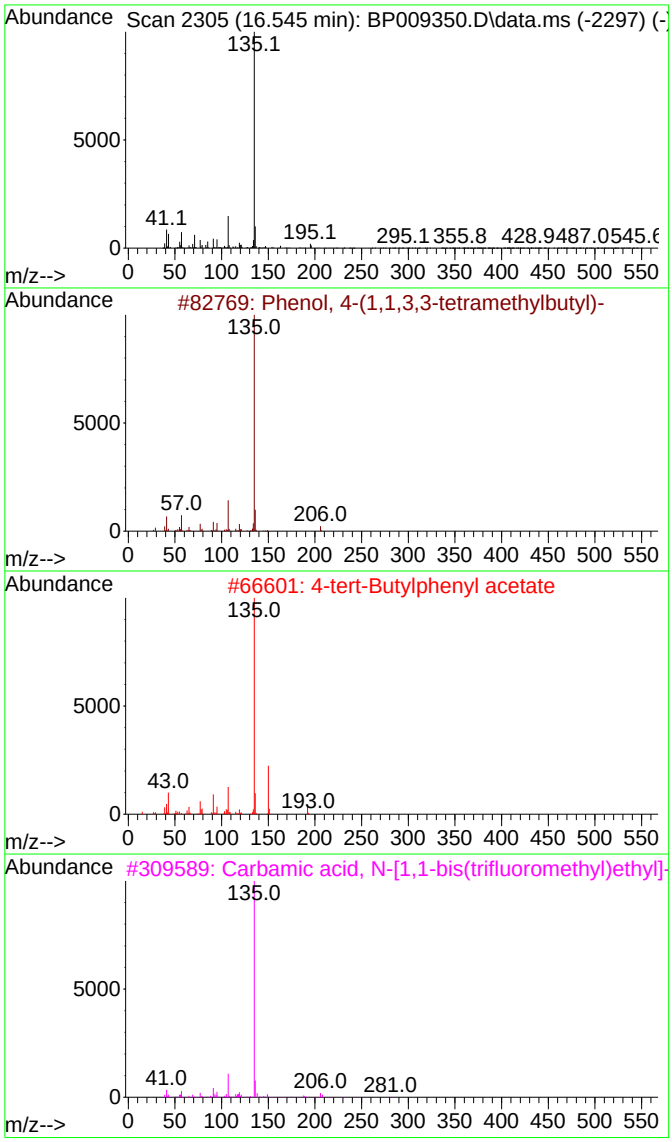
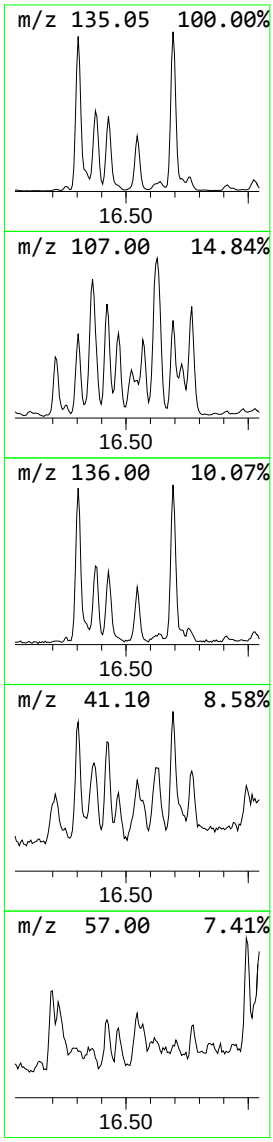
Peak Number 7 4-tert-Butylphenyl acetate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	2.04 ng	608555	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
5	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

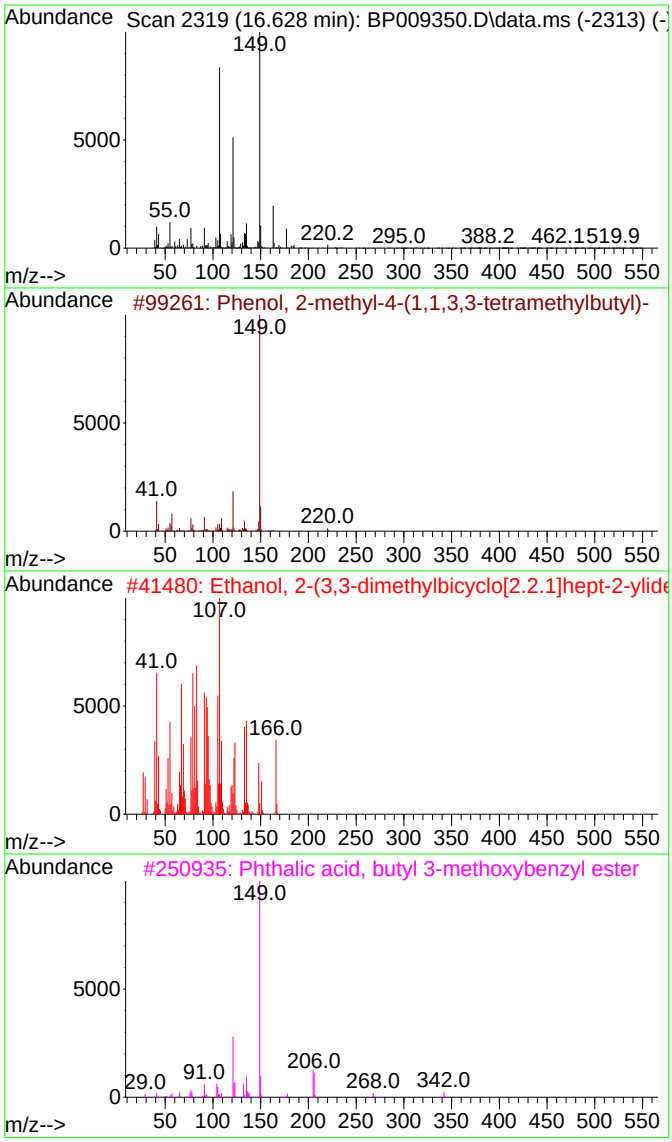
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

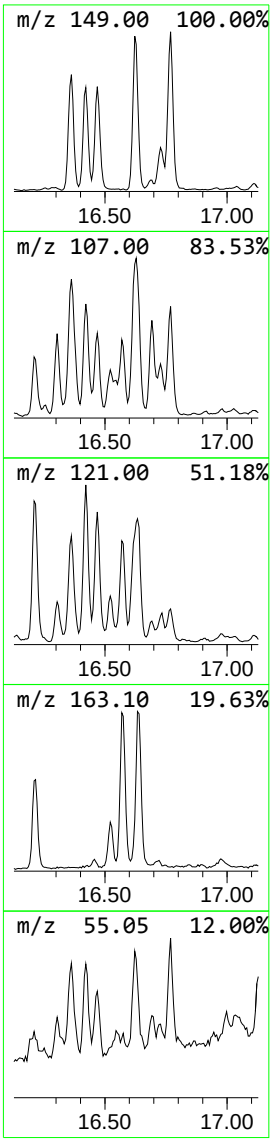
****

Peak Number 8 unknown16.628 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.628	3.83 ng	1141970	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	38
3	Phthalic acid, butyl 3-methoxybe...	342	C20H22O5	1000377-97-7	35
4	Phthalic acid, ethyl hex-3-yl ester	278	C16H22O4	1000356-95-2	35
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	30





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Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

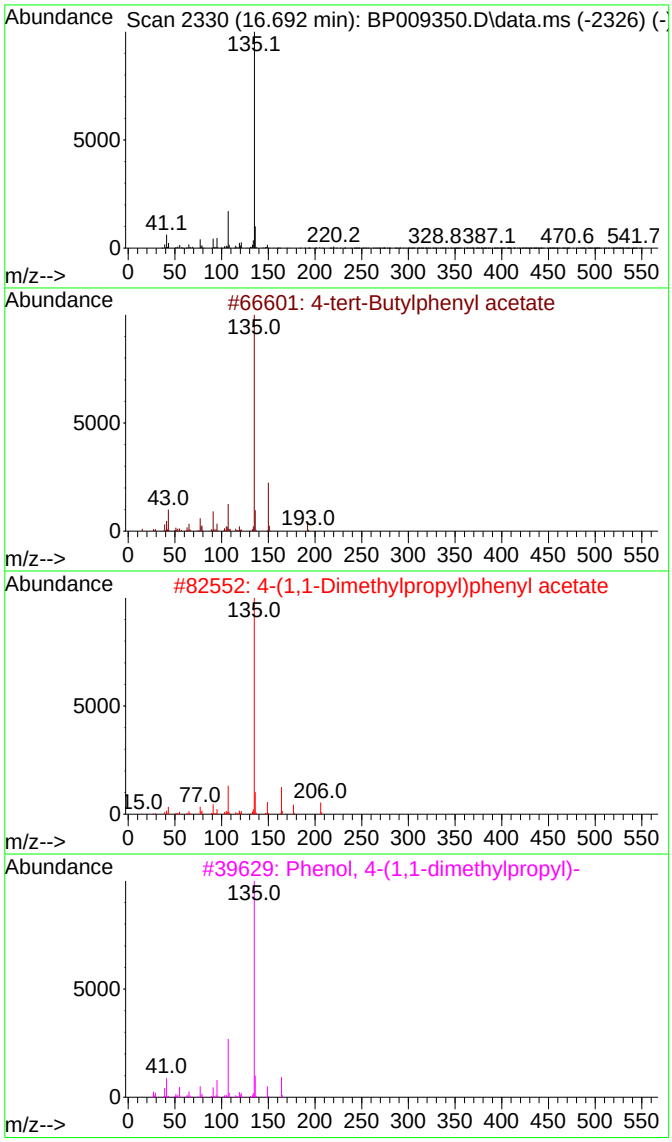
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

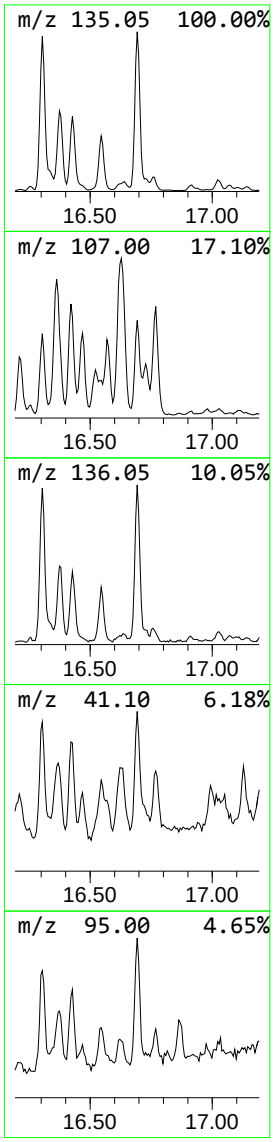
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	3.30 ng	983645	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78





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Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

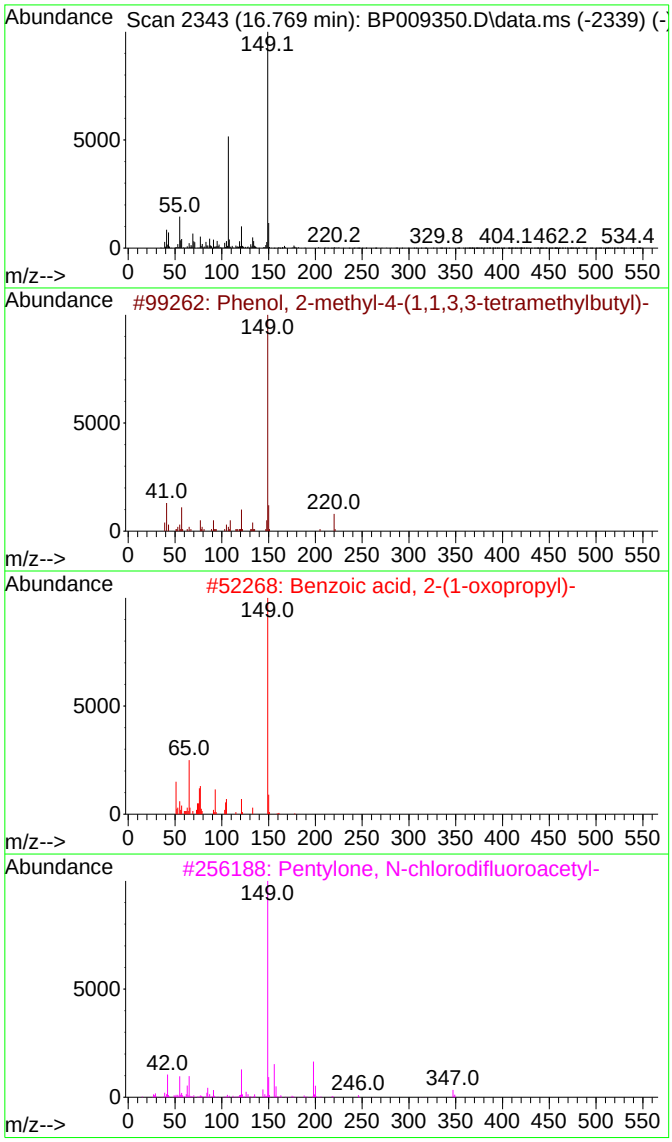
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

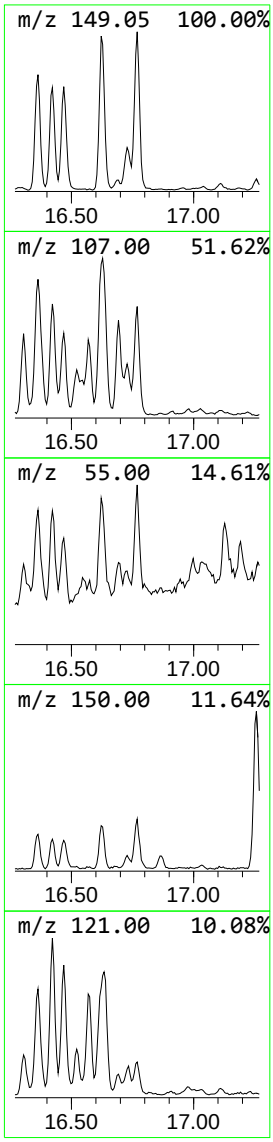
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2-methyl-4-(1,1,3,3... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.769	2.64 ng	787873	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
2	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	50
3	Pentylone, N-chlorodifluoroacetyl-	347	C15H16ClF2NO4	1000448-27-1	47
4	Benzaldehyde, 3-pentafluoropheno...	332	C15H9F5O3	329222-68-6	43
5	Phthalic acid, butyl tridecyl ester	404	C25H40O4	1000308-99-3	43





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Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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

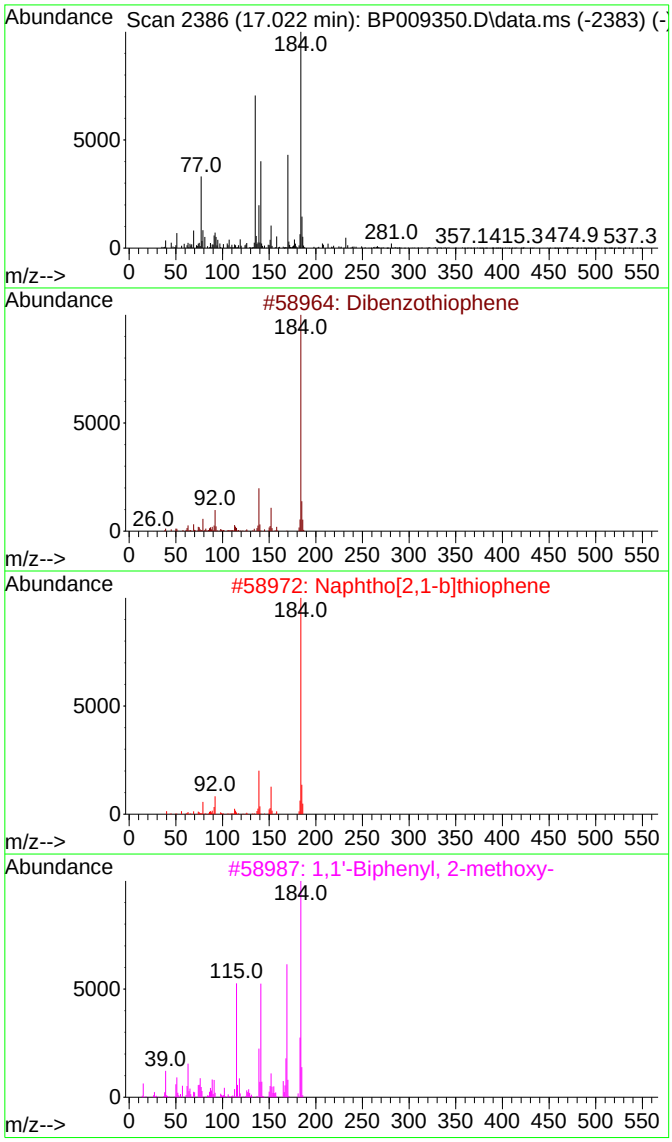
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

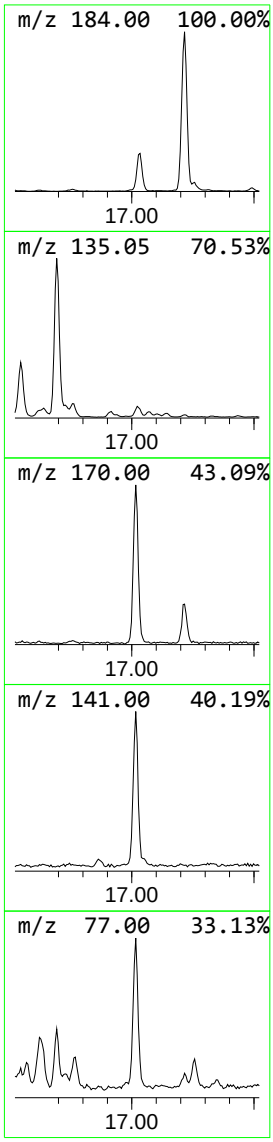
****

Peak Number 11 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	2.41 ng	717824	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	84
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	49
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	47
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	46
5	6-Cyano-5-methoxyquinoline	184	C11H8N2O	1000241-27-7	38





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Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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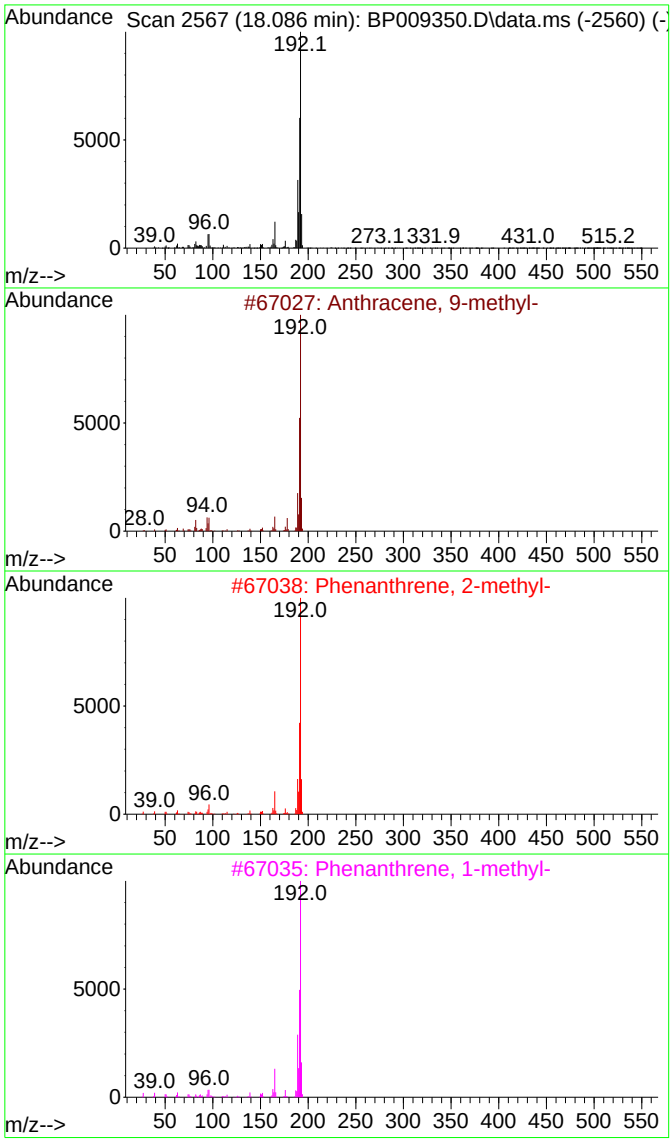
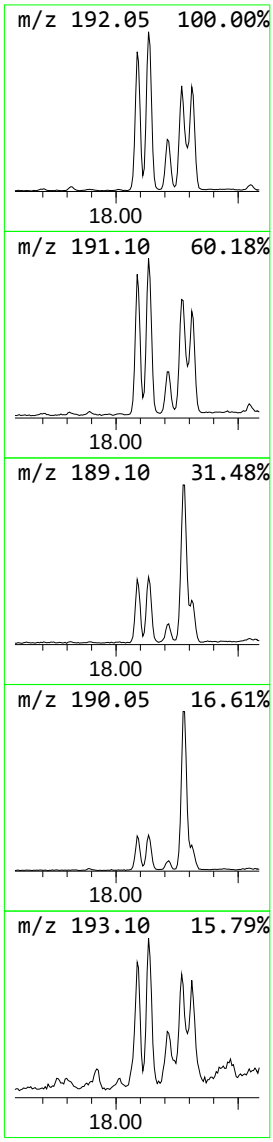
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	3.68 ng	1095300	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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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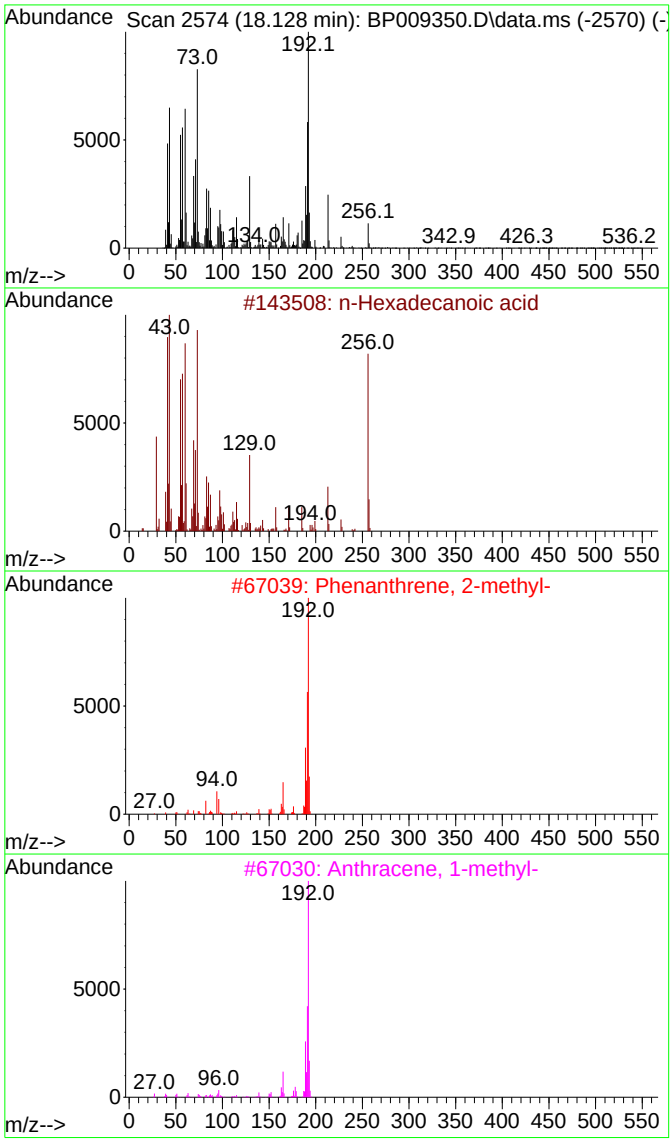
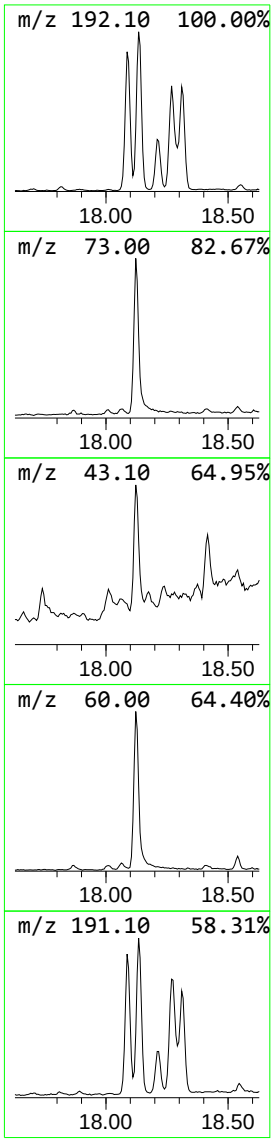
Peak Number 13 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	8.30 ng	2473760	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78





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Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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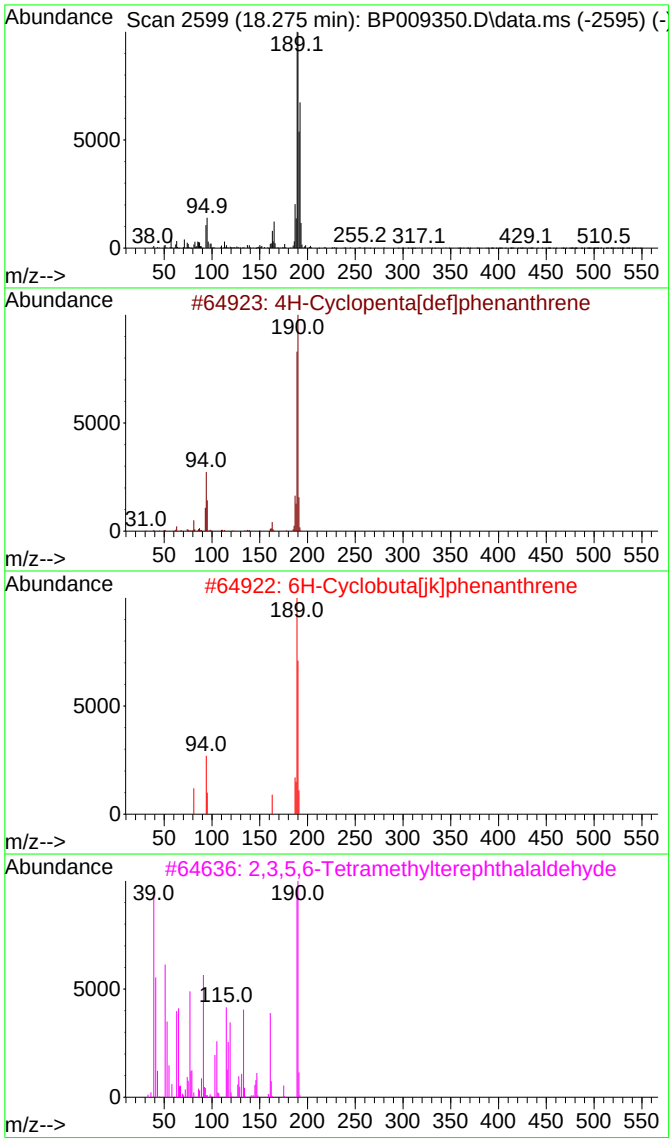
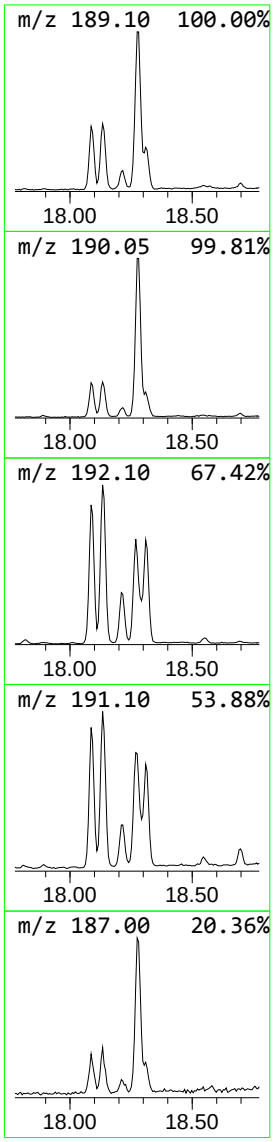
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	3.57 ng	1063730	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHRT-25720

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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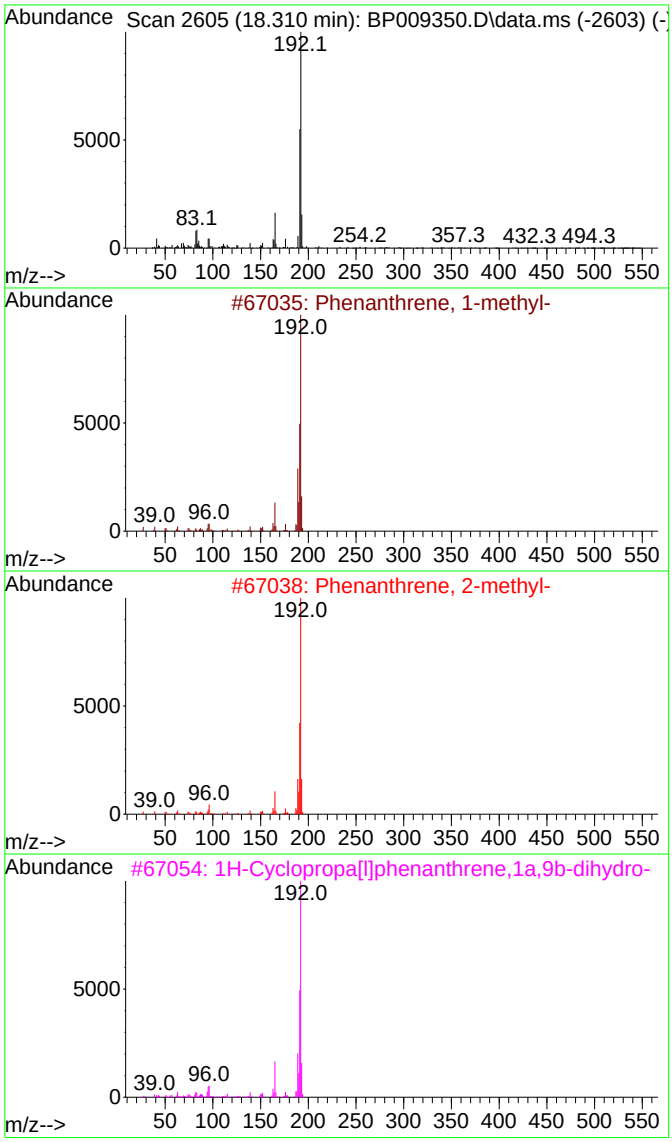
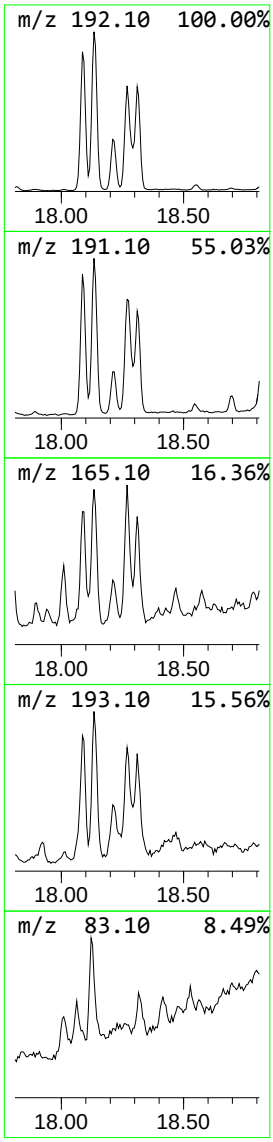
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	2.02 ng	601382	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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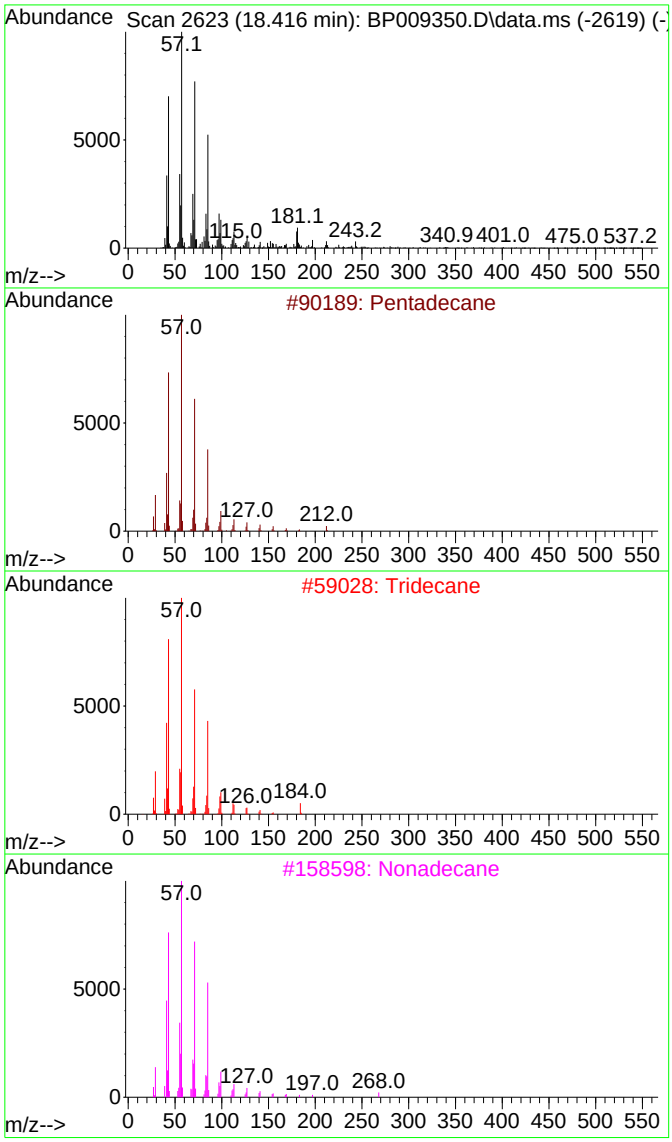
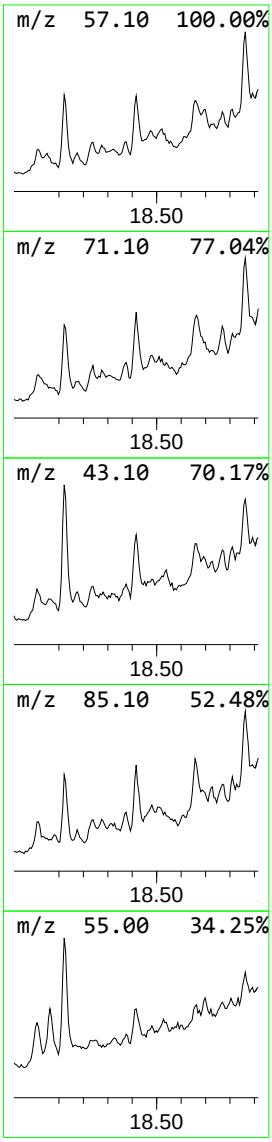
Peak Number 16 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	2.37 ng	706684	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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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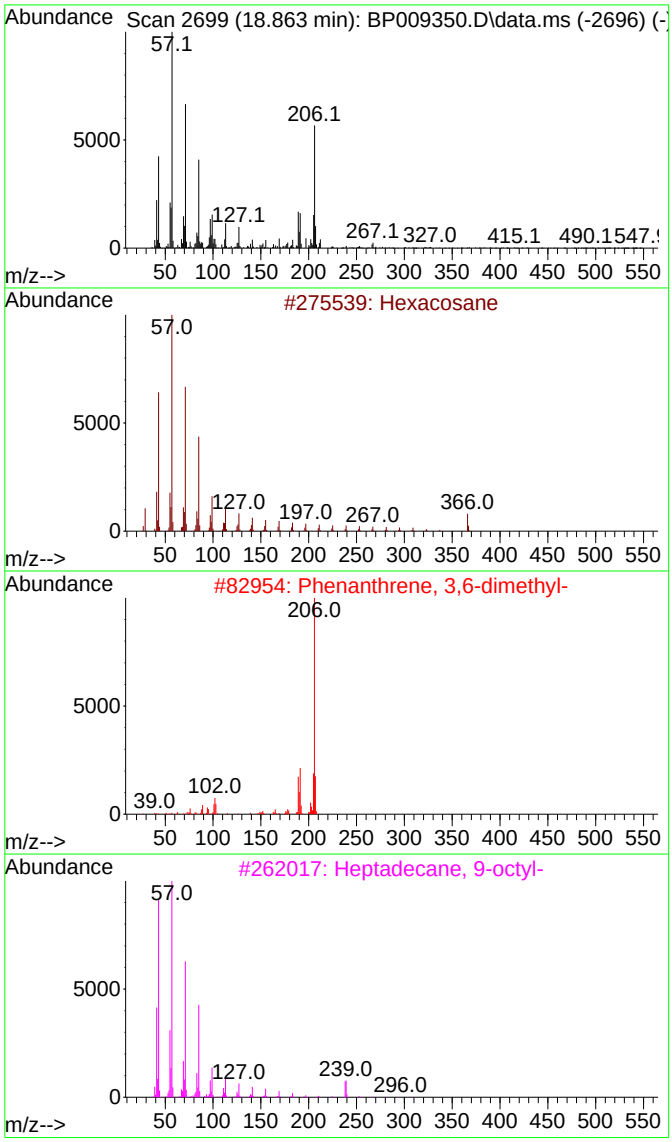
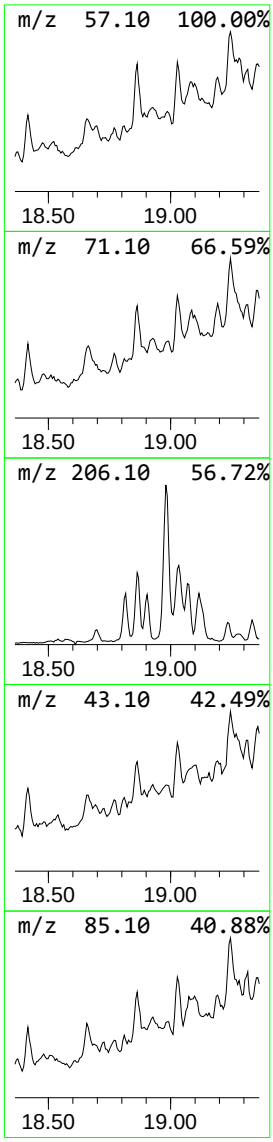
Peak Number 17 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	2.15 ng	639503	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70
4	Tricosane	324	C23H48	000638-67-5	55
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50





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Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
CHRT-25720

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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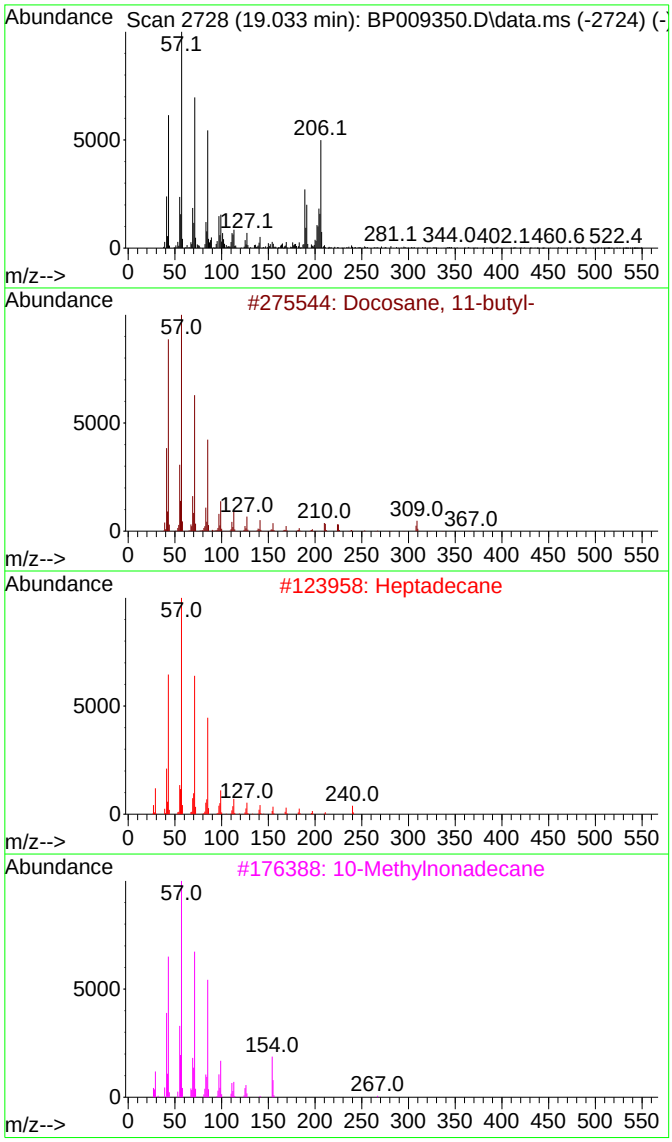
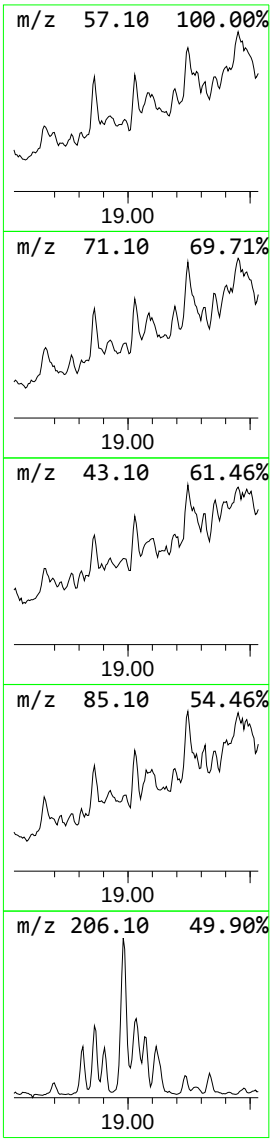
Peak Number 18 Docosane, 11-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	3.40 ng	1012090	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
2	Heptadecane	240	C17H36	000629-78-7	47
3	10-Methylnonadecane	282	C20H42	056862-62-5	38
4	Tetracosane	338	C24H50	000646-31-1	38
5	Hexacosane	366	C26H54	000630-01-3	38





Tentatively Identified Compound (LSC) summary

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Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

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	7.3	ng	1059400	1	7.816	2885330	20.0
Hexanoic acid, ...	9.122	2.8	ng	404578	1	7.816	2885330	20.0
1-(4-Pyridinyl)...	16.210	2.4	ng	726859	4	17.216	5958730	20.0
Phenol, 4-(1,1,...	16.304	3.9	ng	1160540	4	17.216	5958730	20.0
4-(7-Methylocty...	16.369	3.8	ng	1139980	4	17.216	5958730	20.0
unknown16.422	16.422	3.4	ng	1004360	4	17.216	5958730	20.0
4-tert-Butylphe...	16.545	2.0	ng	608555	4	17.216	5958730	20.0
unknown16.628	16.628	3.8	ng	1141970	4	17.216	5958730	20.0
4-(1,1-Dimethyl...	16.692	3.3	ng	983645	4	17.216	5958730	20.0
Phenol, 2-methy...	16.769	2.6	ng	787873	4	17.216	5958730	20.0
Dibenzothiophene	17.022	2.4	ng	717824	4	17.216	5958730	20.0
Anthracene, 9-m...	18.086	3.7	ng	1095300	4	17.216	5958730	20.0
n-Hexadecanoic ...	18.128	8.3	ng	2473760	4	17.216	5958730	20.0
4H-Cyclopenta[d...	18.275	3.6	ng	1063730	4	17.216	5958730	20.0
Phenanthrene, 1...	18.310	2.0	ng	601382	4	17.216	5958730	20.0
Pentadecane	18.416	2.4	ng	706684	4	17.216	5958730	20.0
Hexacosane	18.863	2.1	ng	639503	4	17.216	5958730	20.0
Docosane, 11-bu...	19.033	3.4	ng	1012090	4	17.216	5958730	20.0