LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EME-TS-4

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.052	7	11	23	rVB	1576070	1903398	15.76%	1.796%
2	4.970	331	337	343	rBV	147235	221525	1.83%	0.209%
3	5.434	409	416	434	rBV	3733752	5617696	46.51%	5.301%
4	7.028	677	687	705	rBV	3171152	5626137	46.58%	5.309%
5	7.846	818	826	835	rBV	898599	1463749	12.12%	1.381%
6	7.987	844	850	857	rVB	91135	143373	1.19%	0.135%
7	9.005	1005	1023	1035	rBV	2113813	3761929	31.15%	3.550%
8	10.646	1291	1302	1309	rBV	1042122	1904806	15.77%	1.797%
9	11.687	1473	1479	1490	rBV2	67056	139359	1.15%	0.132%
10	12.081	1539	1546	1555	rBV3	68890	130795	1.08%	0.123%
11	13.110	1713	1721	1743	rBV	5537891	8614685	71.33%	8.129%
12	13.322	1751	1757	1770	rVB3	108686	226490	1.88%	0.214%
13	14.487	1947	1955	1962	rBV	1497053	2353897	19.49%	2.221%
14	15.934	2197	2201	2203	rBV2	104017	130513	1.08%	0.123%
15	15.981	2203	2209	2230	rVB	4344580	6661543	55.16%	6.286%
16	16.234	2244	2252	2257	rBV2	281903	482679	4.00%	0.455%
17	16.328	2263	2268	2272	rBV	959184	1292442	10.70%	1.220%
18	16.387	2272	2278	2284	rVV2	713189	1435026	11.88%	1.354%
19	16.445	2284	2288	2292	rVV2	791442	1127134	9.33%	1.064%
20	16.492	2292	2296	2300	rVB	431688	572101	4.74%	0.540%
21	16.545	2300	2305	2307	rBV	141631	224271	1.86%	0.212%
22	16.592	2311	2313	2317	rVB	198275	223291	1.85%	0.211%
23	16.645	2317	2322	2329	rVB3	554790	1033323	8.56%	0.975%
24	16.716	2329	2334	2338	rBV	913117	1251492	10.36%	1.181%
25	16.787	2343	2346	2354	rVB2	370530	515745	4.27%	0.487%
26	17.245	2417	2424	2428	rBV	1818450	2765967	22.90%	2.610%
27	17.281	2428	2430	2436	rVB	256095	351170	2.91%	0.331%
28	18.139	2568	2576	2589	rBV3	468799	933904	7.73%	0.881%
29	18.298	2599	2603	2607	rBV2	69864	124459	1.03%	0.117%
30	18.916	2704	2708	2711	rBV2	138483	161976	1.34%	0.153%
31	18.998	2718	2722	2725	rBV3	154249	195707	1.62%	0.185%
32	19.033	2725	2728	2735	rVB2	135047	175903	1.46%	0.166%
33	19.257	2759	2766	2770	rBV	525271	934536	7.74%	0.882%
34	19.375	2782	2786	2795	rBV2	431829	651824	5.40%	0.615%
35	19.545	2811	2815	2818	rBV	345003	395290	3.27%	0.373%
36	19.622	2824	2828	2836	rVB2	1153986	1778235	14.72%	1.678%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.804	2854	2859	2864	rBV	10069615	12077408	100.00%	11.397%
38	20.110	2908	2911	2916	rVB	1054665	1147966	9.51%	1.083%
39	20.598	2987	2994	2999	rBV	1679201	2150976	17.81%	2.030%
40	21.051	3067	3071	3077	rVB	2963205	3206813	26.55%	3.026%
41	21.333	3114	3119	3123	rBV	2914708	3802103	31.48%	3.588%
42	21.451	3135	3139	3141	rBV	867722	1139378	9.43%	1.075%
43	21.486	3142	3145	3152	rVB	2580149	3198387	26.48%	3.018%
44	21.951	3220	3224	3233	rVB	2882239	3620730	29.98%	3.417%
45	22.457	3305	3310	3320	rVB	2372268	3630621	30.06%	3.426%
46	23.021	3400	3406	3411	rBV	2481605	4204767	34.82%	3.968%
47	23.657	3508	3514	3521	rVB2	1590822	3094499	25.62%	2.920%
48	23.751	3524	3530	3540	rVB2	1956650	4083021	33.81%	3.853%
49	24.392	3634	3639	3647	rVB	1218360	2554857	21.15%	2.411%
50	24.904	3721	3726	3742	rVB4	881747	2534458	20.99%	2.392%

Sum of corrected areas: 105972354

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
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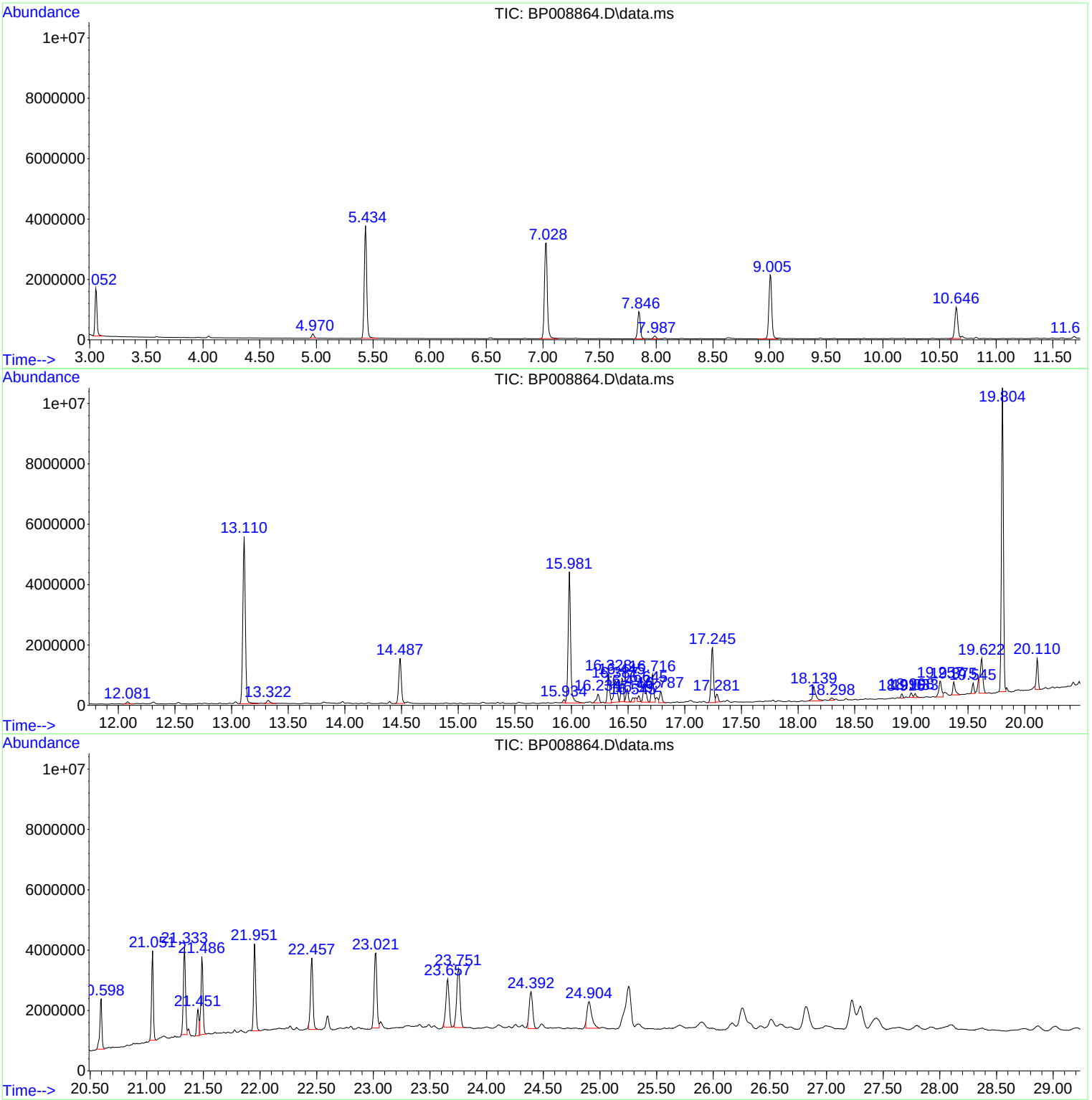
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

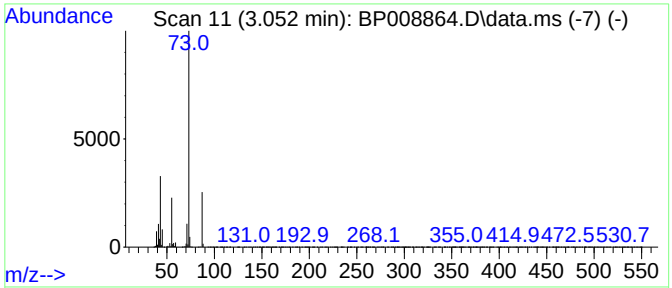
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

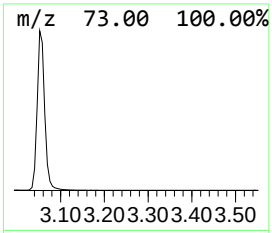
****

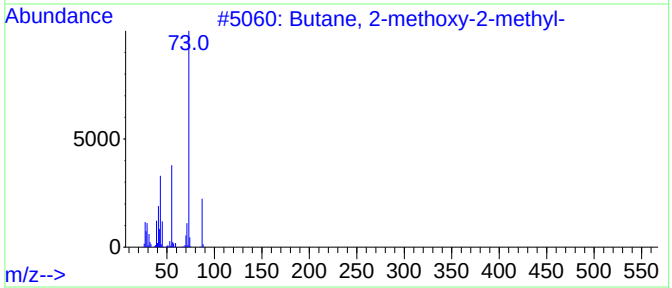
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

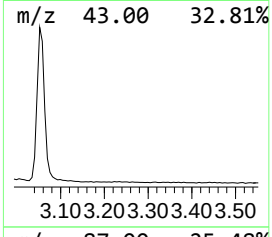
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.052	26.01 ng	1903400	1,4-Dichlorobenzene-d4	7.846

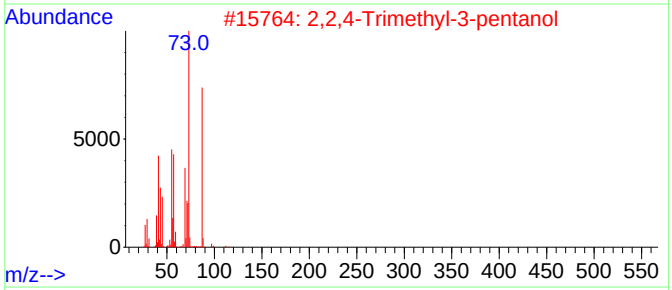
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

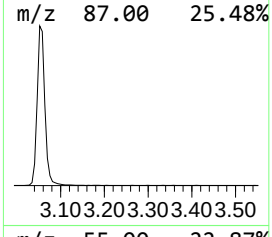


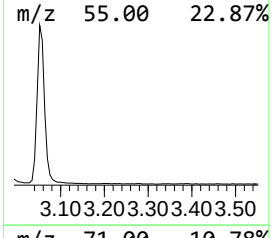


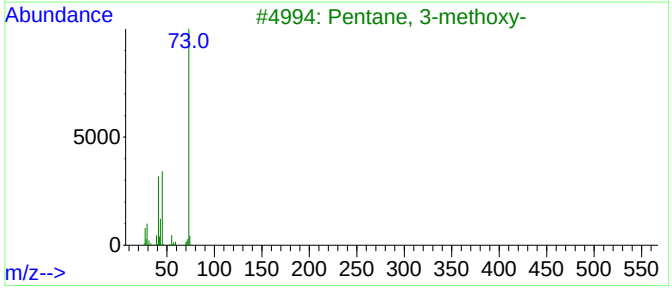


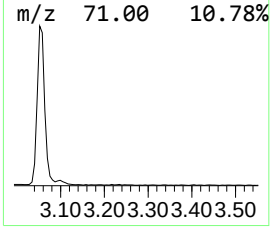












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

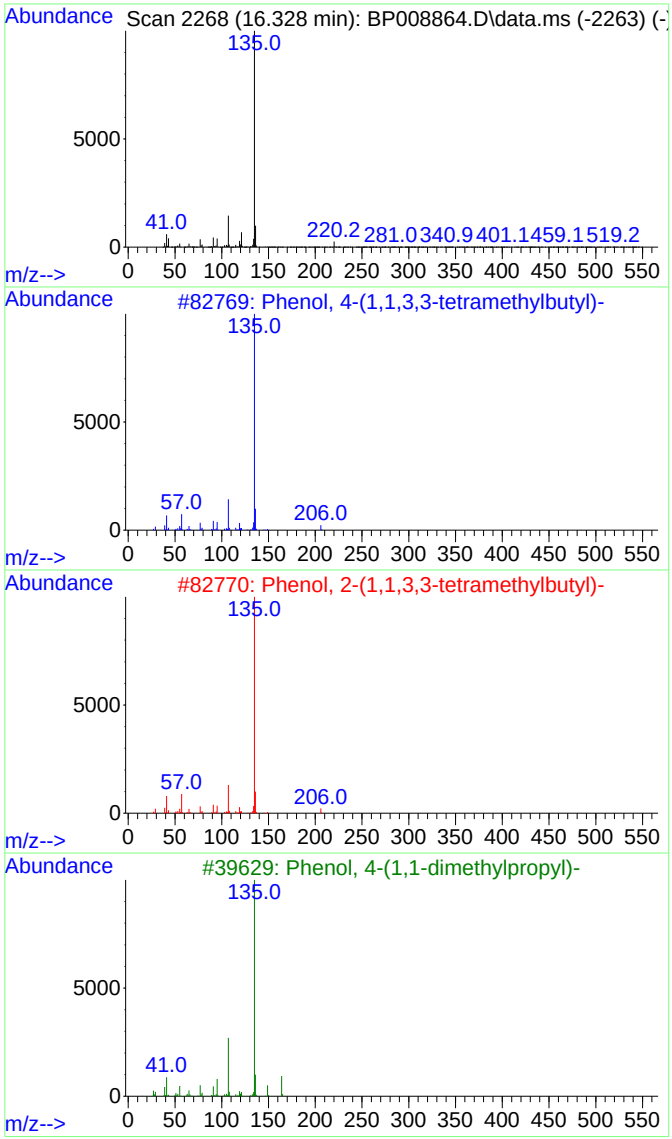
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

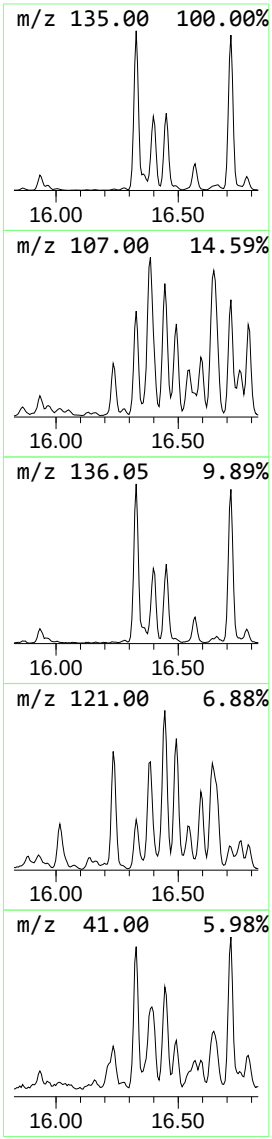
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	9.35 ng	1292440	Phenanthrene-d10	17.245

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-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
5	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

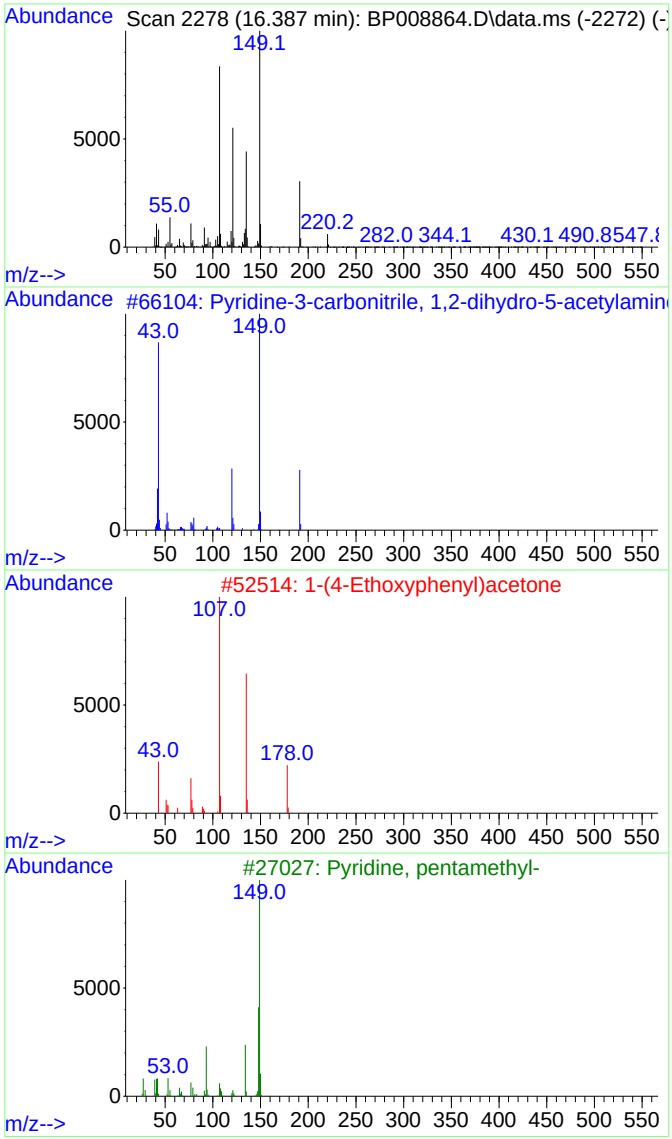
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

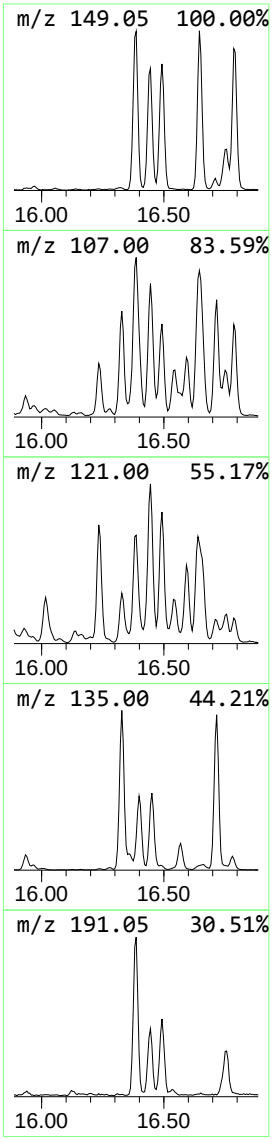
****

Peak Number 3 unknown16.387 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.387	10.38 ng	1435030	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
2	1-(4-Ethoxyphenyl)acetone	178	C11H14O2	144818-72-4	35
3	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	30
4	2-tert-Butyl-6-methylphenol, 2-m...	220	C15H24O	1000395-19-4	30
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

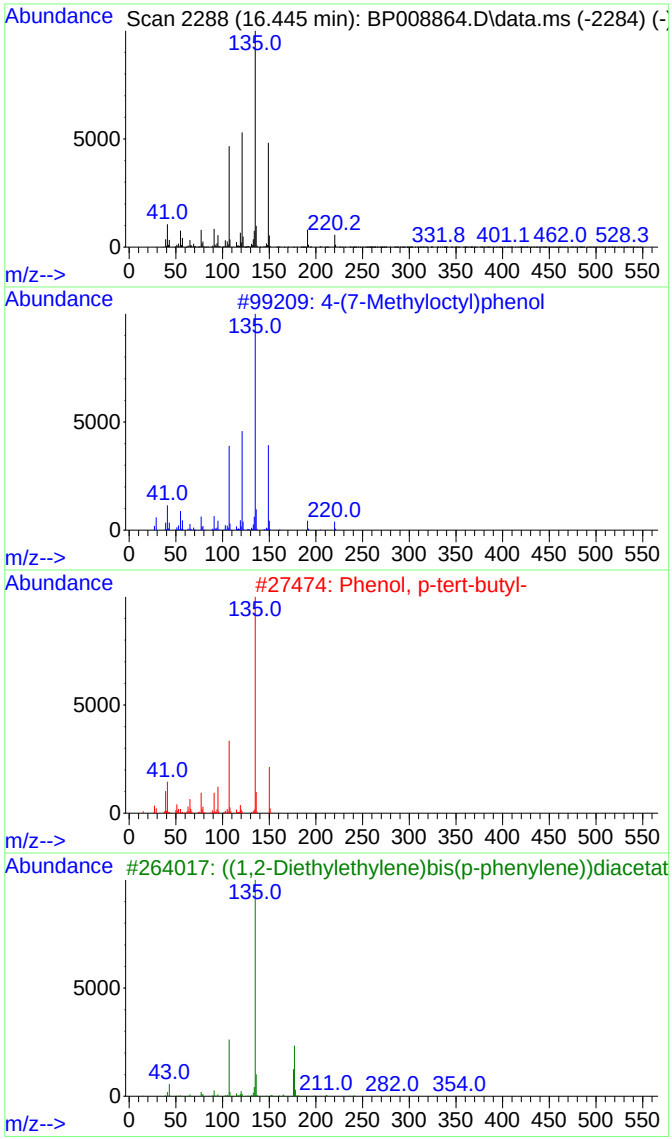
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

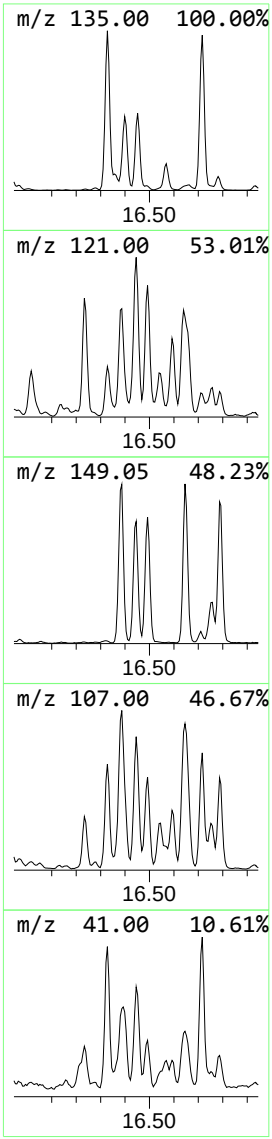
****

Peak Number 4 4-(7-Methyloctyl)phenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	8.15 ng	1127130	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
4	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	50
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

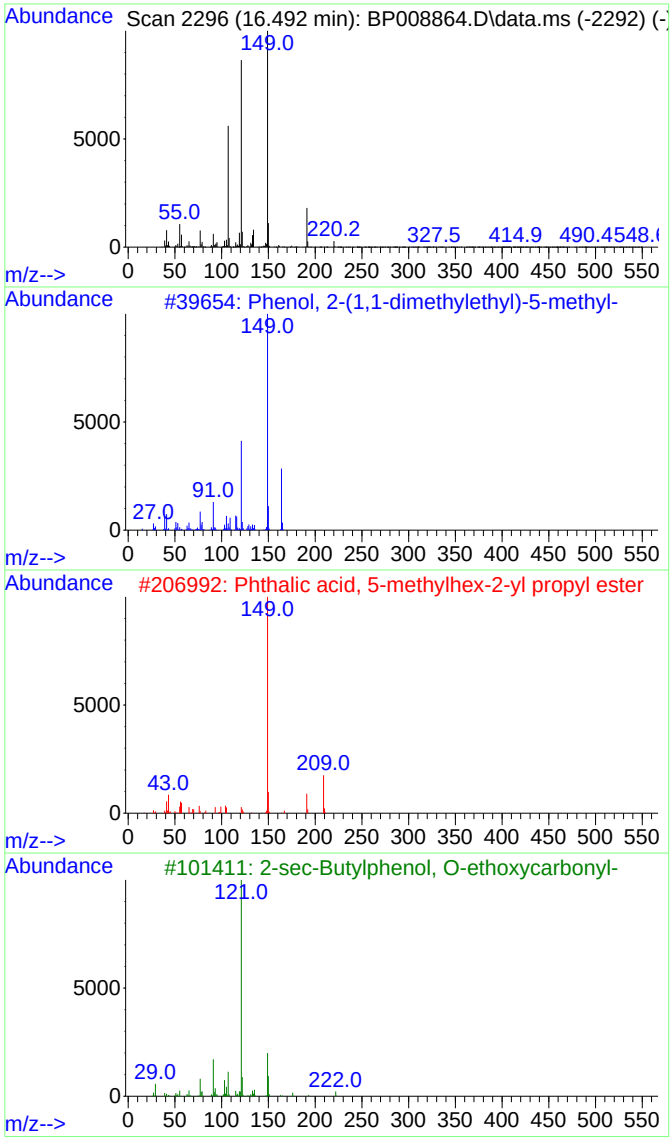
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

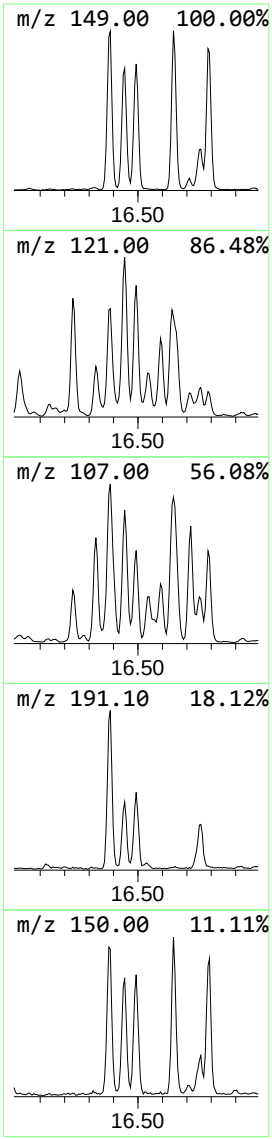
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-(1,1-dimethylethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	4.14 ng	572101	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	59
2	Phthalic acid, 5-methylhex-2-yl ...	306	C18H26O4	1000371-09-2	35
3	2-sec-Butylphenol, O-ethoxycarbo...	222	C13H18O3	1000487-26-4	35
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	4,5,7-Trimethyl-4,5,6,7-tetrahyd...	164	C10H16N2	113849-86-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

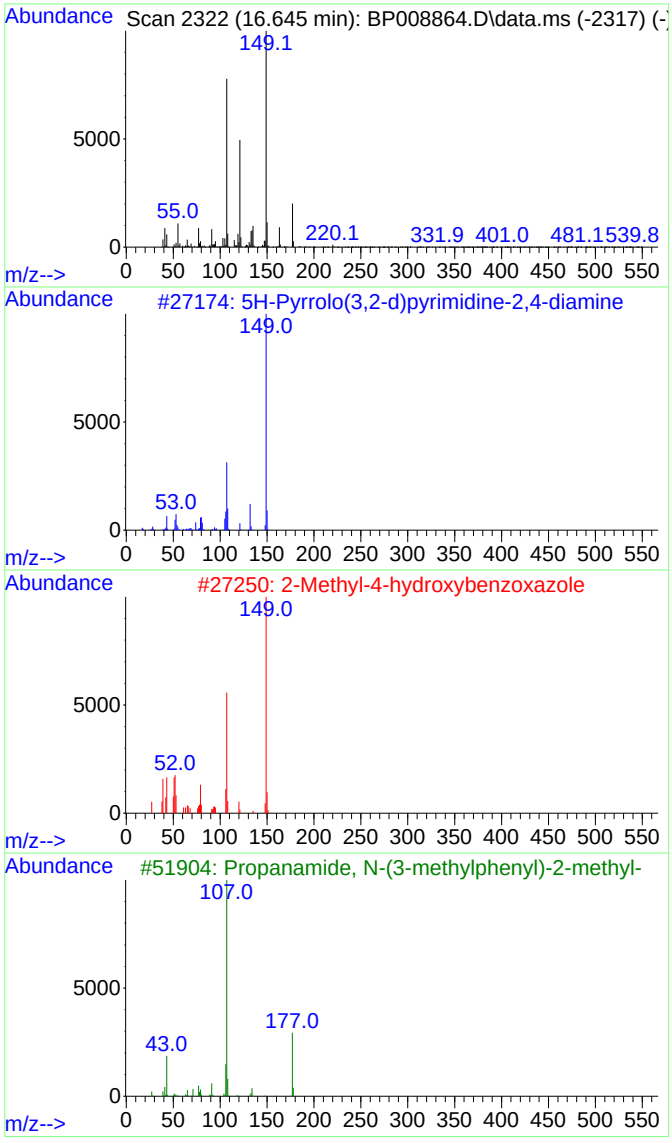
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

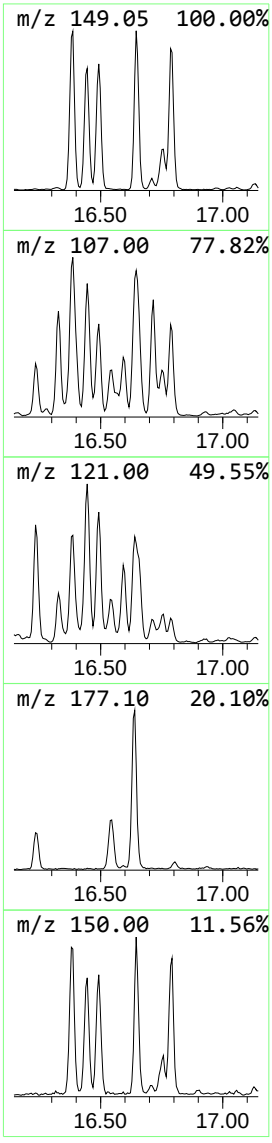
****

Peak Number 6 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	7.47 ng	1033320	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
3	Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	38
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
5	Phthalic acid, 2-chloropropyl et...	270	C13H15ClO4	1000356-82-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

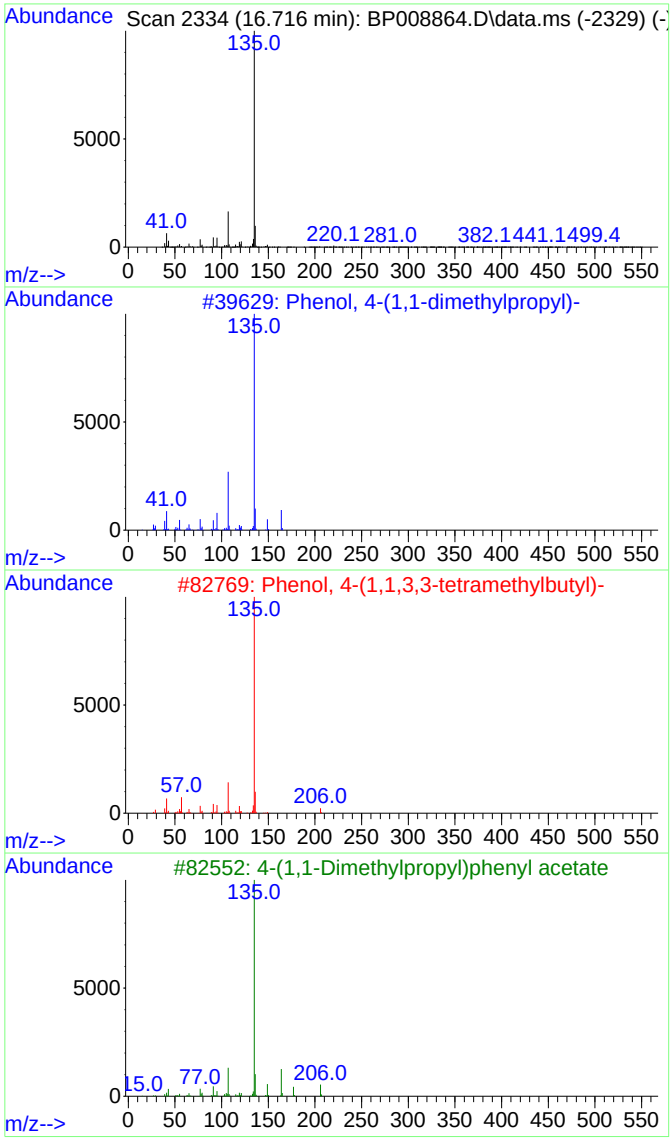
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

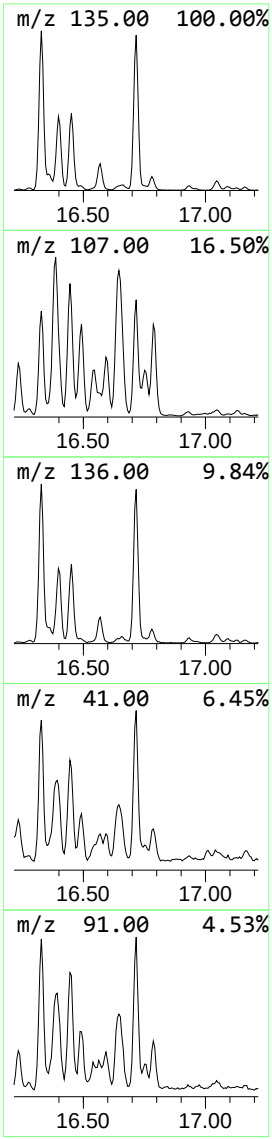
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.716	9.05 ng	1251490	Phenanthrene-d10	17.245

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





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Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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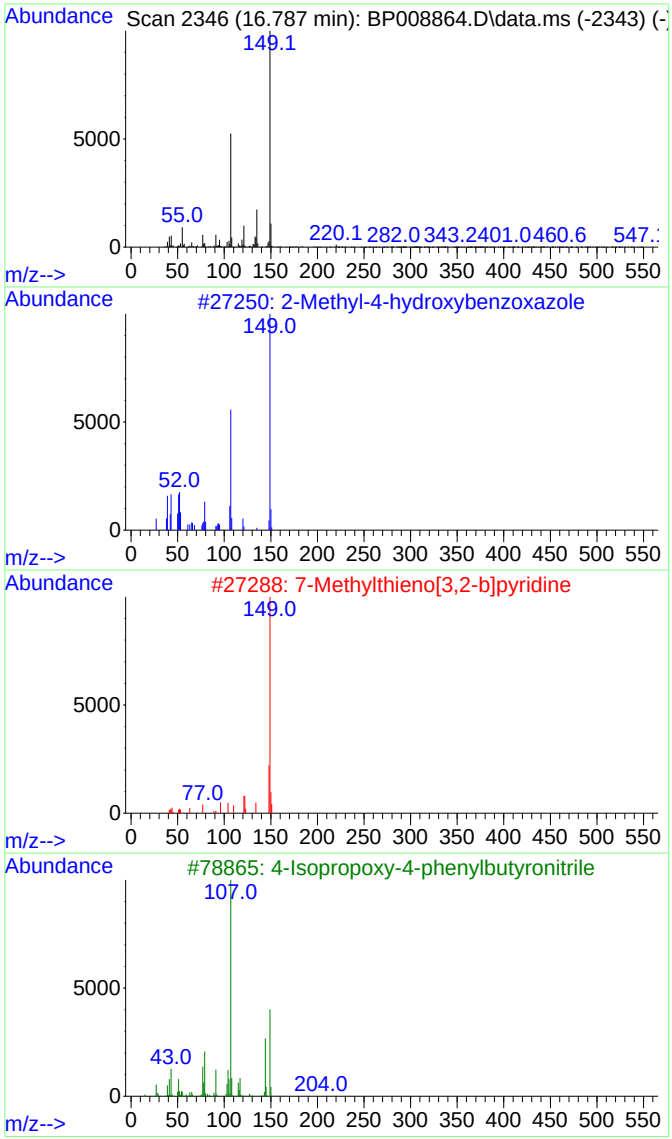
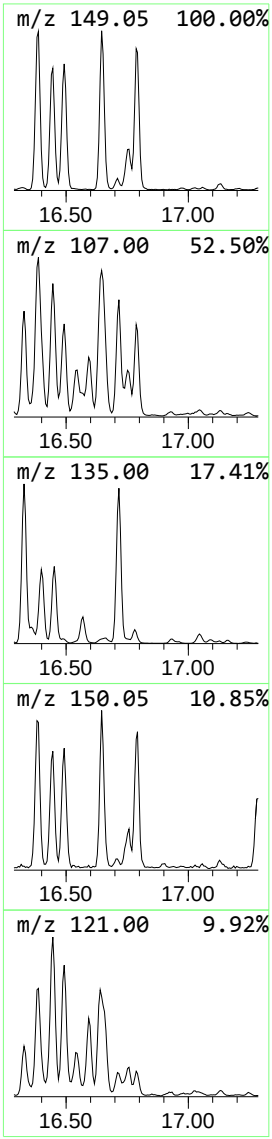
Peak Number 8 2-Methyl-4-hydroxybenzoxazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.787	3.73 ng	515745	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	47
3	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1010370-35-3	45
4	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	40
5	2-tert-Butyl-6-methylphenol, n-b...	220	C15H24O	1000395-19-1	38





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Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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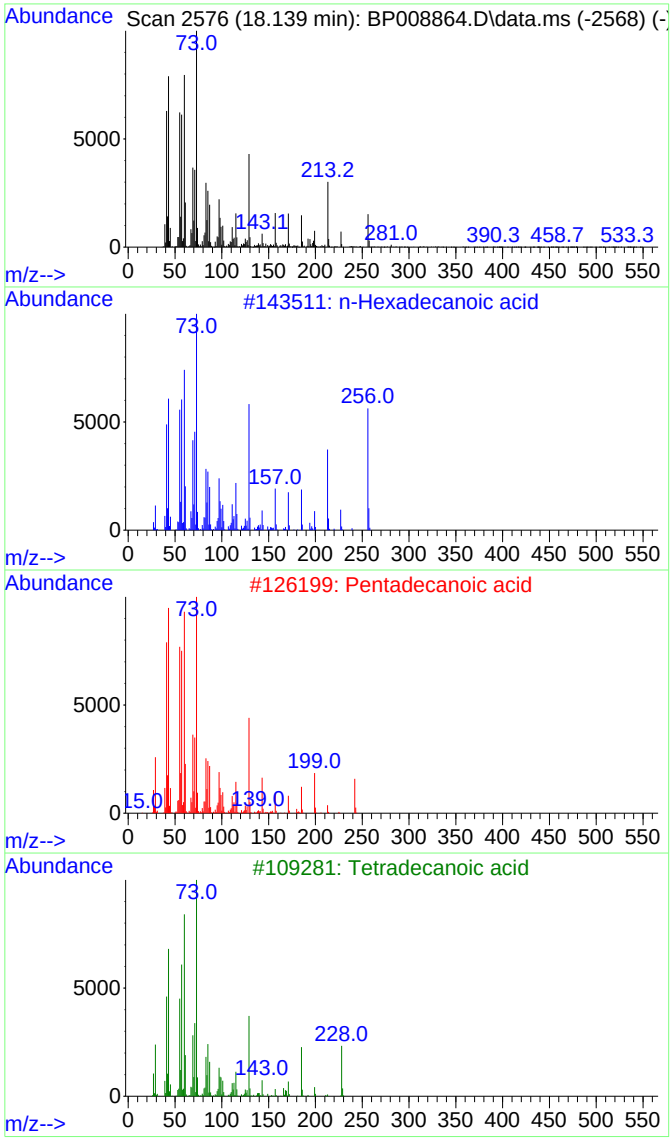
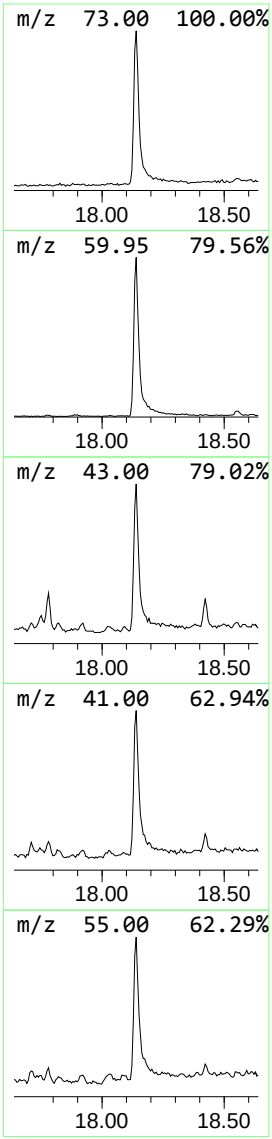
Peak Number 9 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	6.75 ng	933904	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





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Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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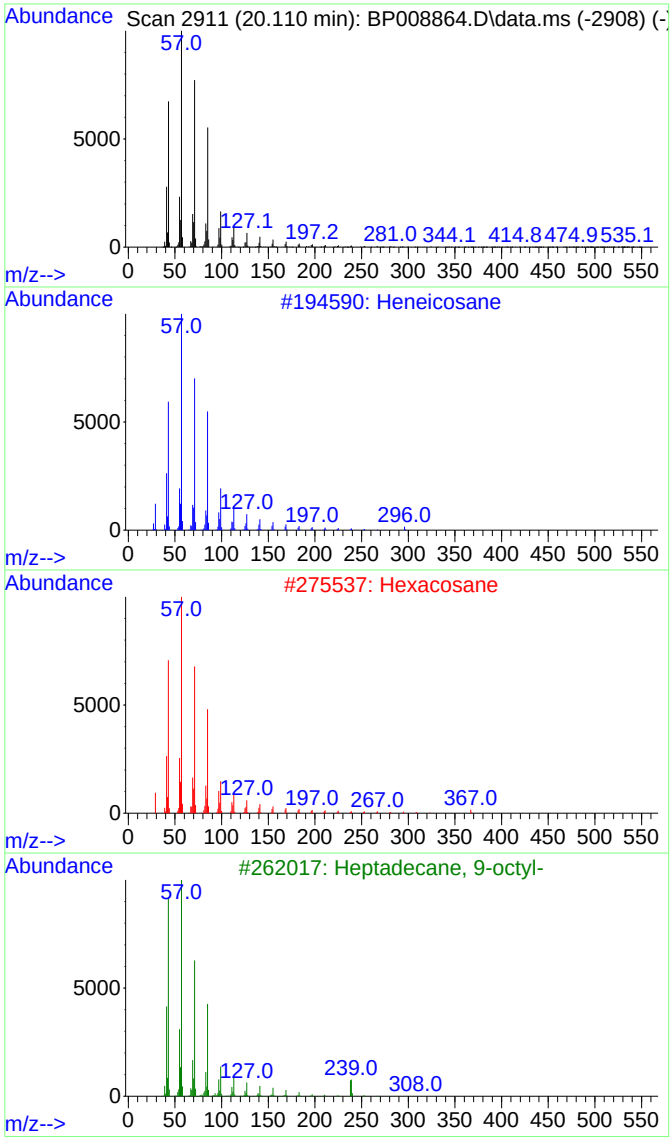
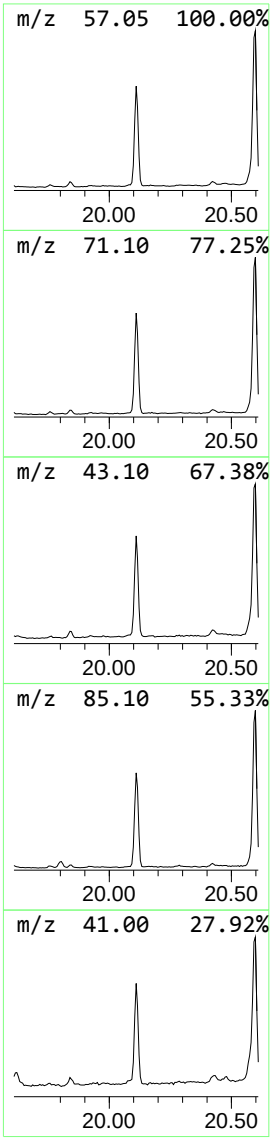
Peak Number 10 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	6.04 ng	1147970	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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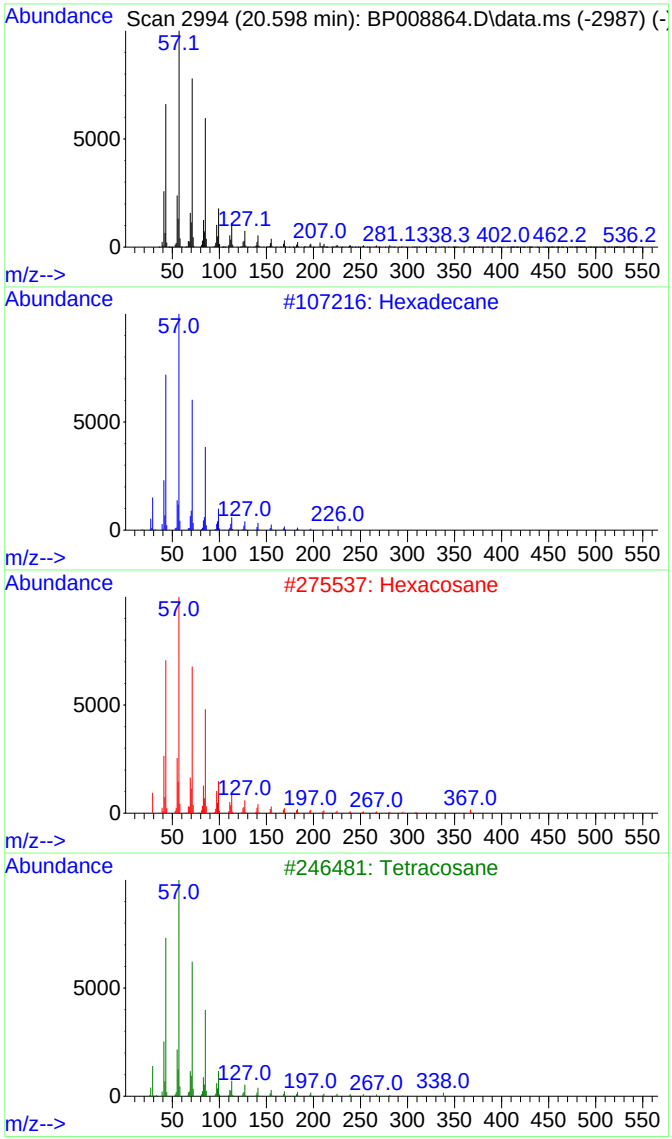
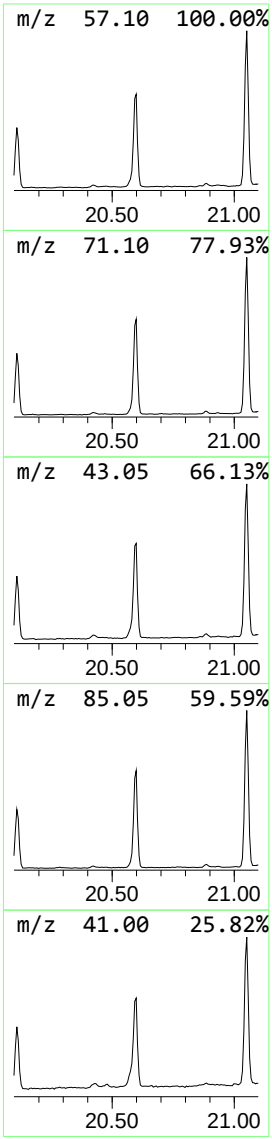
Peak Number 11 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.598	11.31 ng	2150980	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Tetracosane	338	C24H50	000646-31-1	94
4	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
5	Eicosane	282	C20H42	000112-95-8	91





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Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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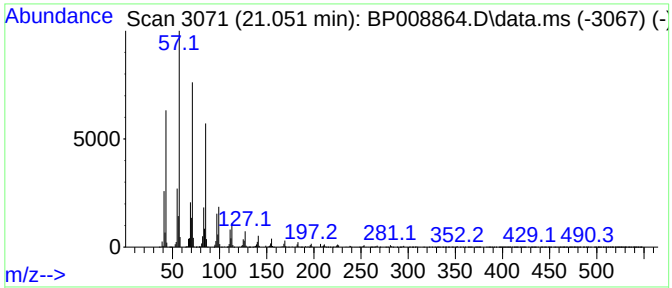
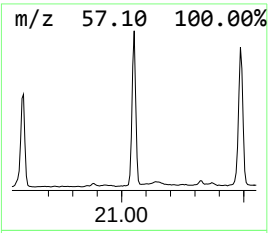
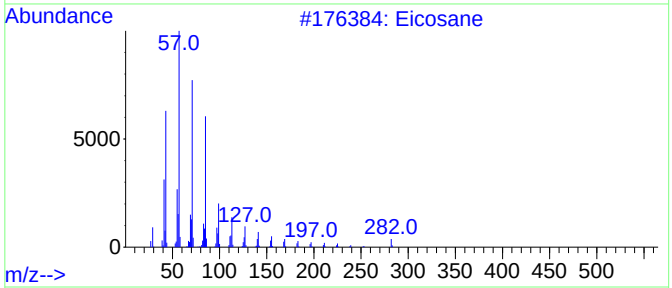
Peak Number 12 Eicosane Concentration Rank 5

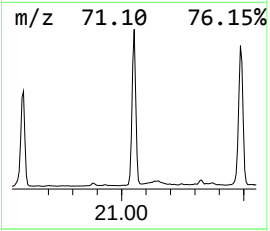
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	16.87 ng	3206810	Chrysene-d12	21.333

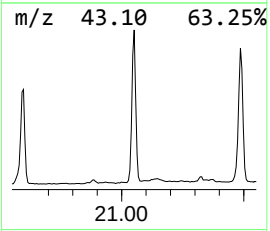
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91

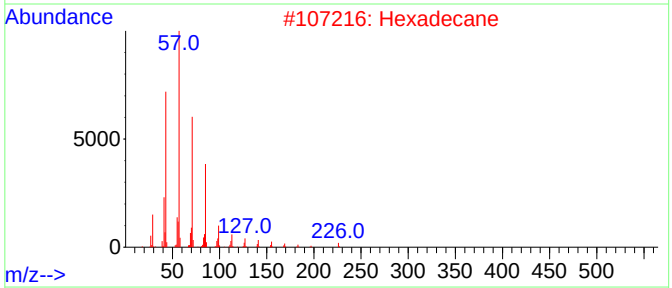


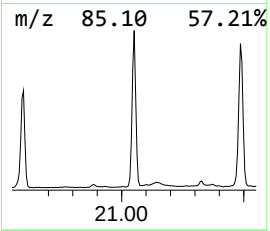


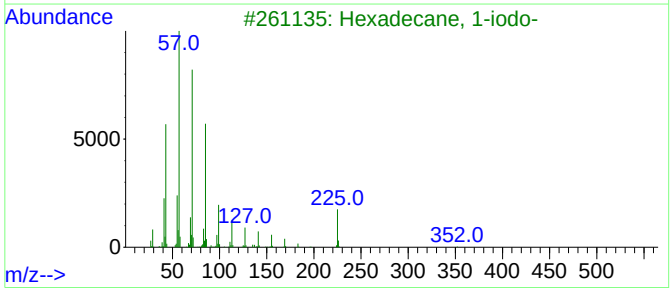


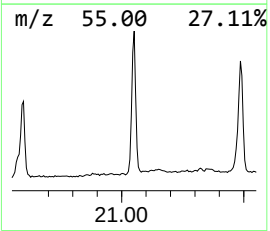












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Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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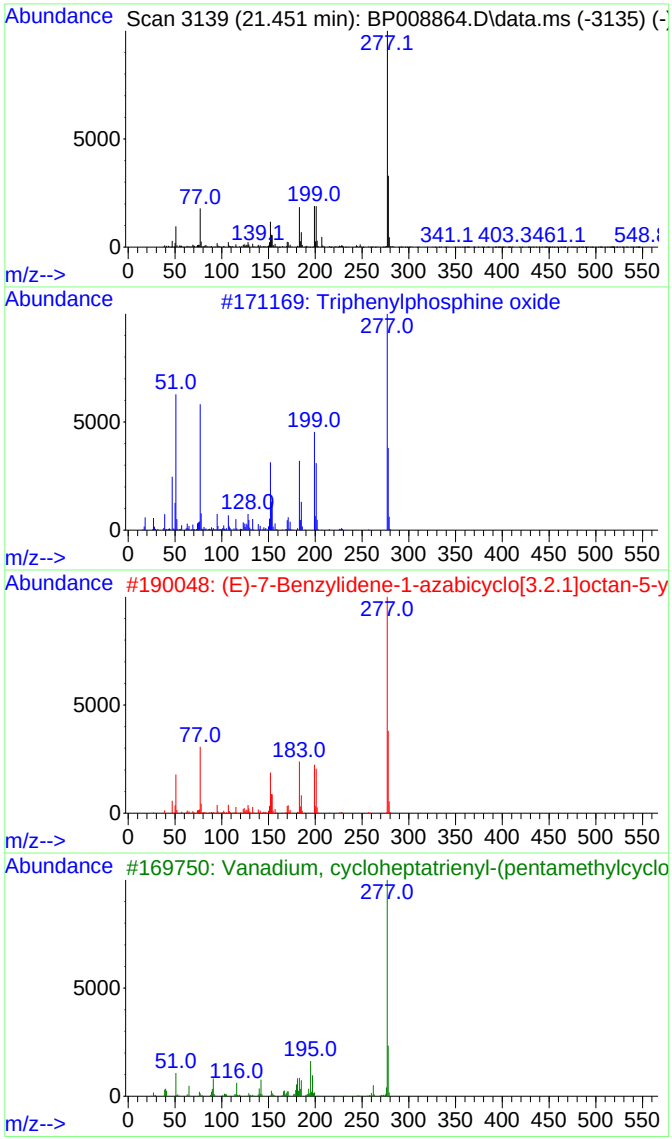
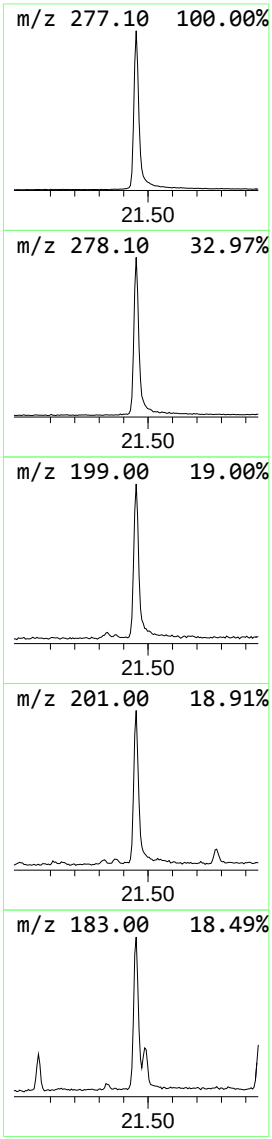
Peak Number 13 Triphenylphosphine oxide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	5.99 ng	1139380	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	42
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38





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Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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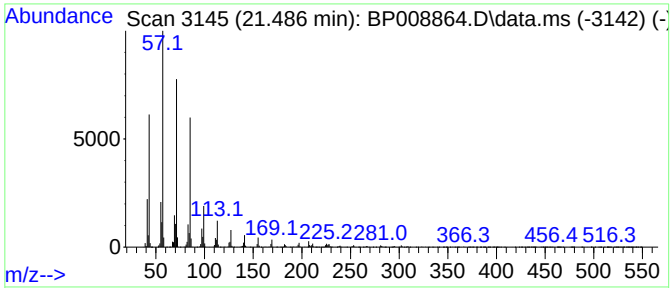
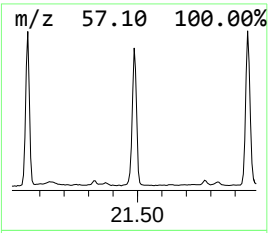
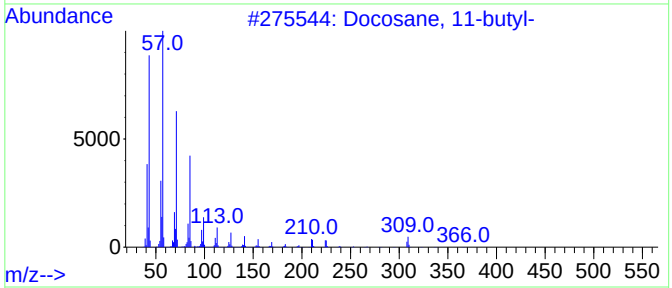
Peak Number 14 Docosane, 11-butyl- Concentration Rank 6

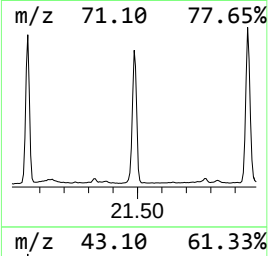
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	16.82 ng	3198390	Chrysene-d12	21.333

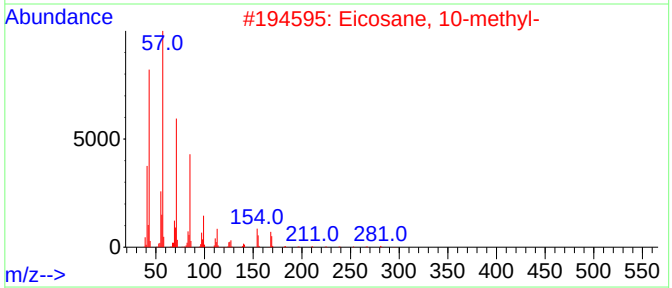
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91

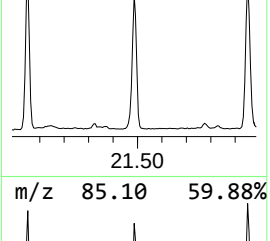


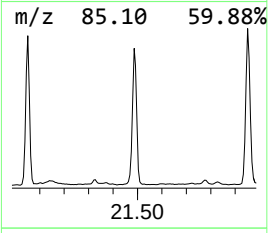


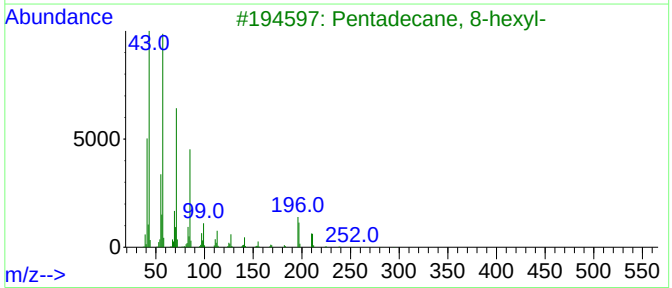


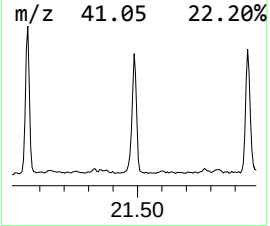












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Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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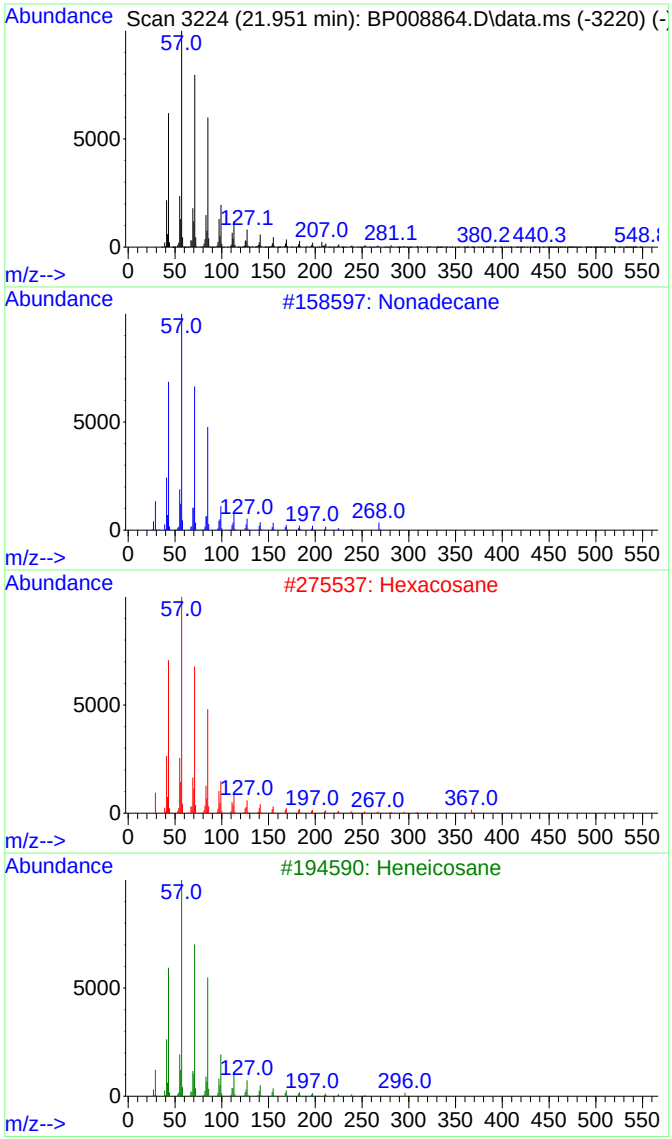
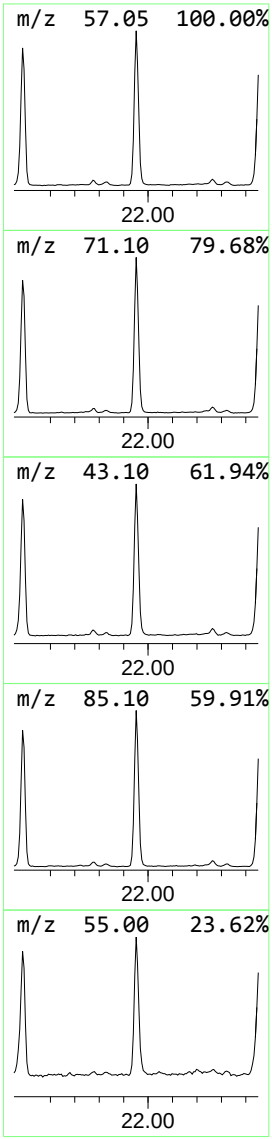
Peak Number 15 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.951	19.05 ng	3620730	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Heptacosane	380	C27H56	000593-49-7	91





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ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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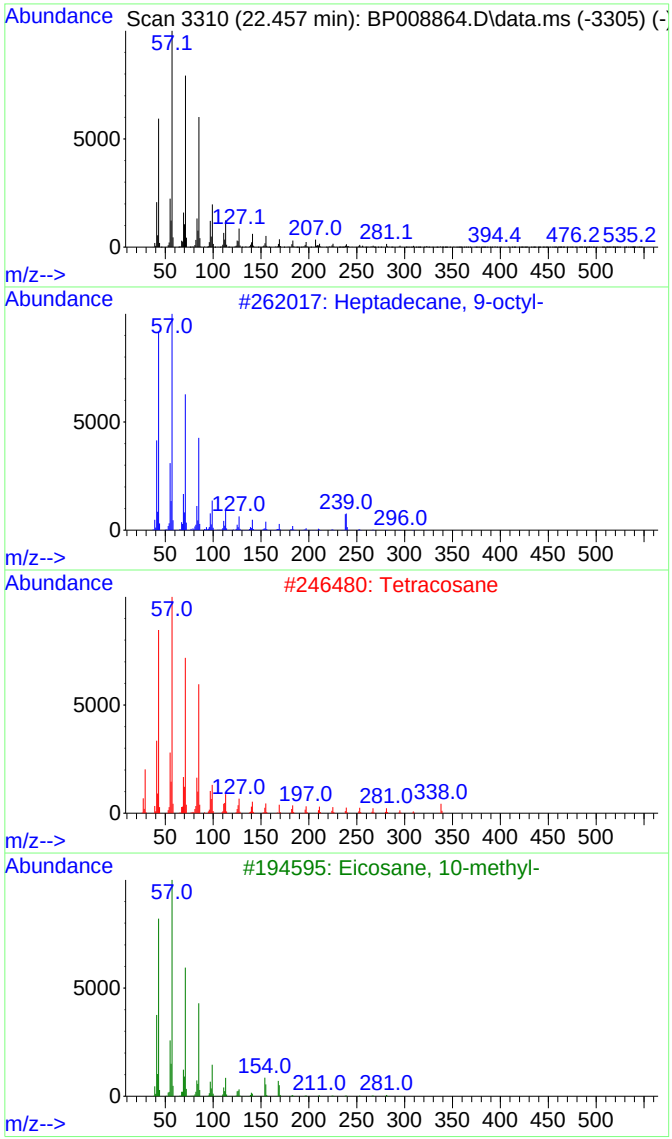
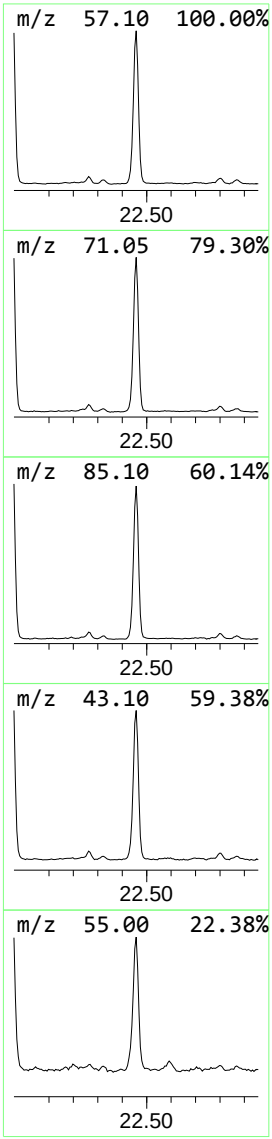
Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.457	19.10 ng	3630620	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Tetracosane	338	C24H50	000646-31-1	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	3-Methylheptacosane	394	C28H58	014167-66-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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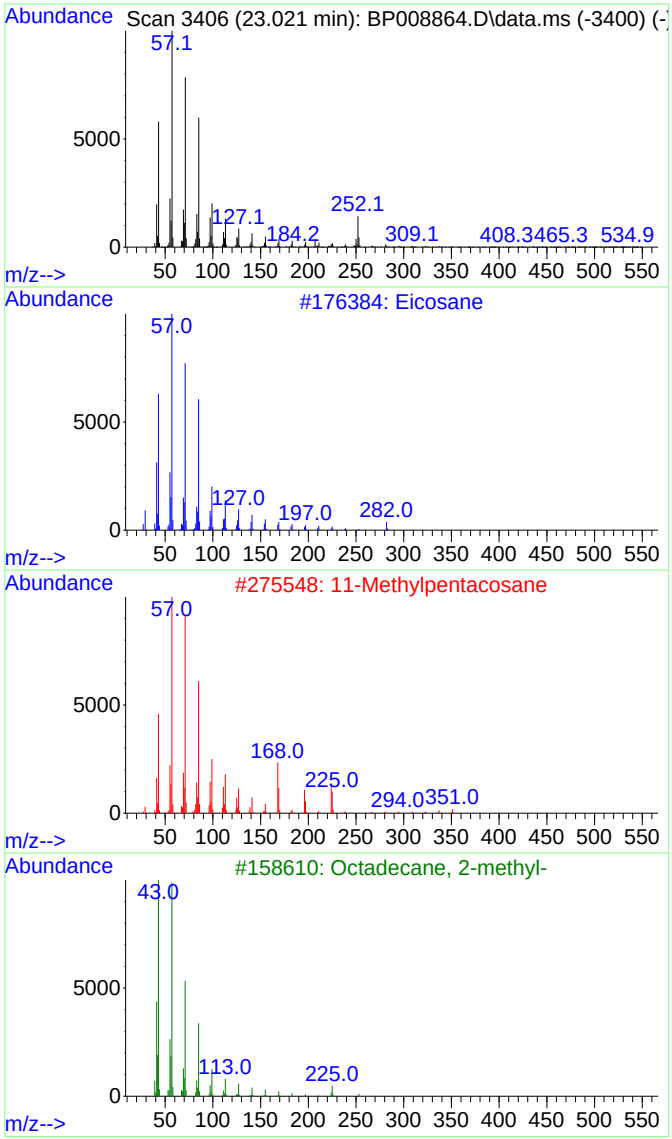
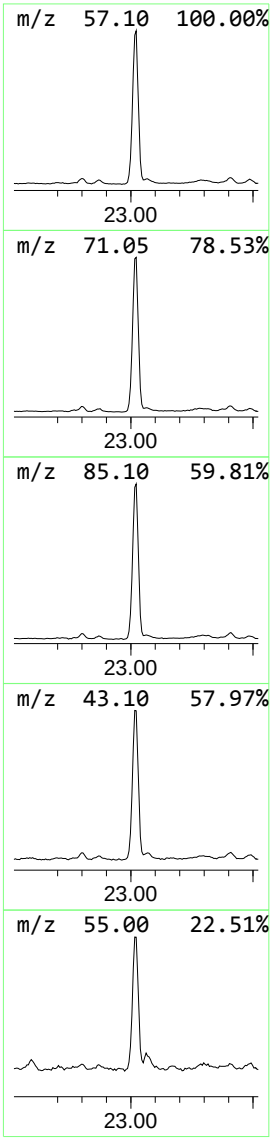
Peak Number 17 11-Methylpentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.022	20.60 ng	4204770	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	11-Methylpentacosane	366	C26H54	015689-71-1	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Octadecane	254	C18H38	000593-45-3	87





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Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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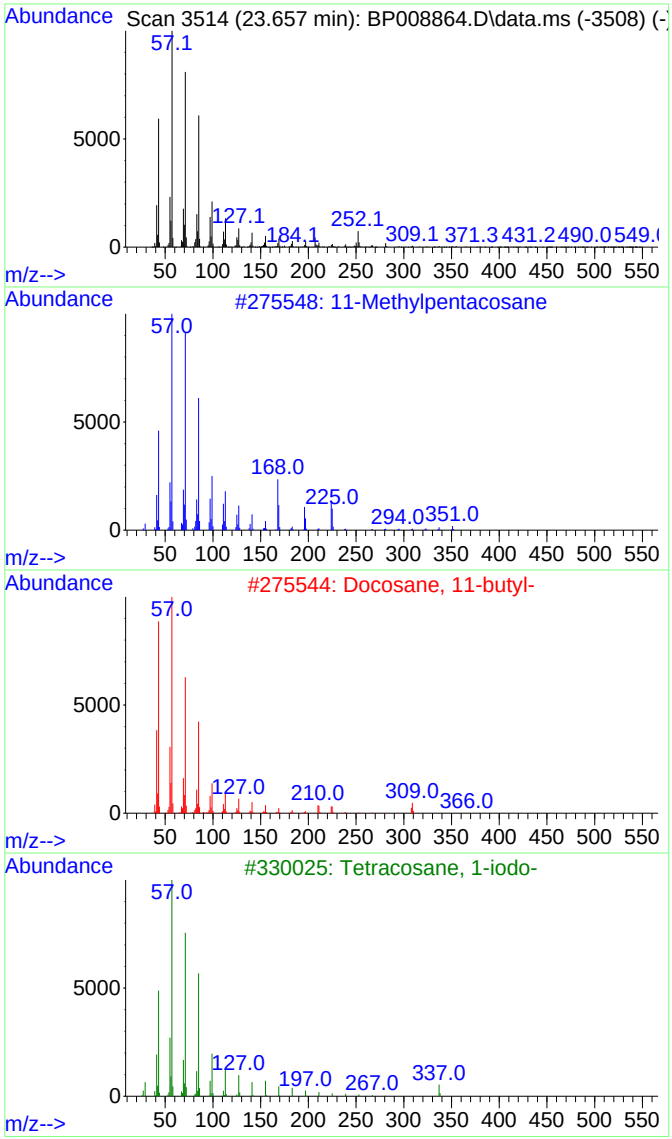
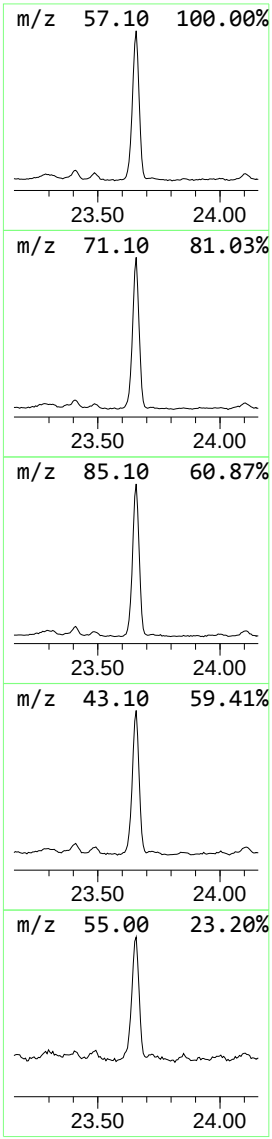
Peak Number 18 Tetracosane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.657	15.16 ng	3094500	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methylpentacosane	366	C26H54	015689-71-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	90





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Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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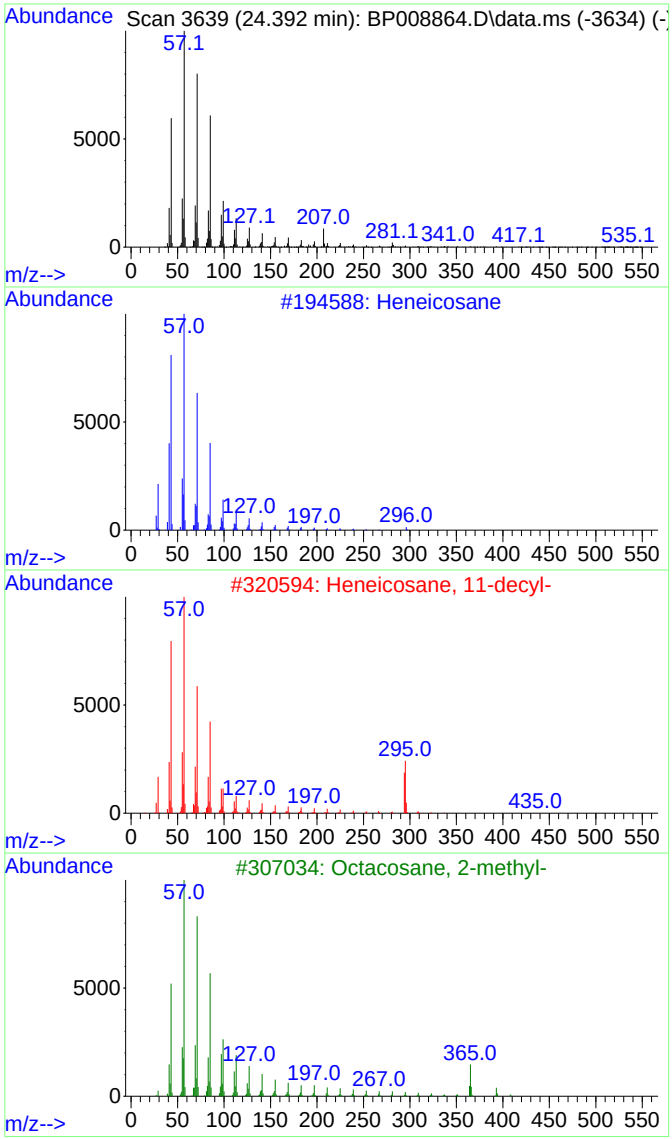
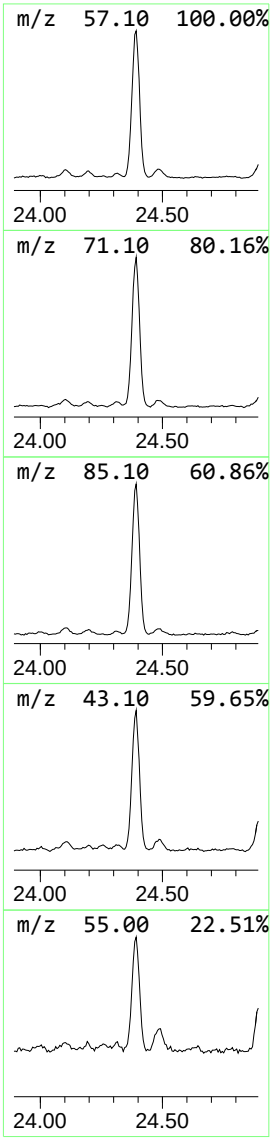
Peak Number 19 Heneicosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.392	12.51 ng	2554860	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	94
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93





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Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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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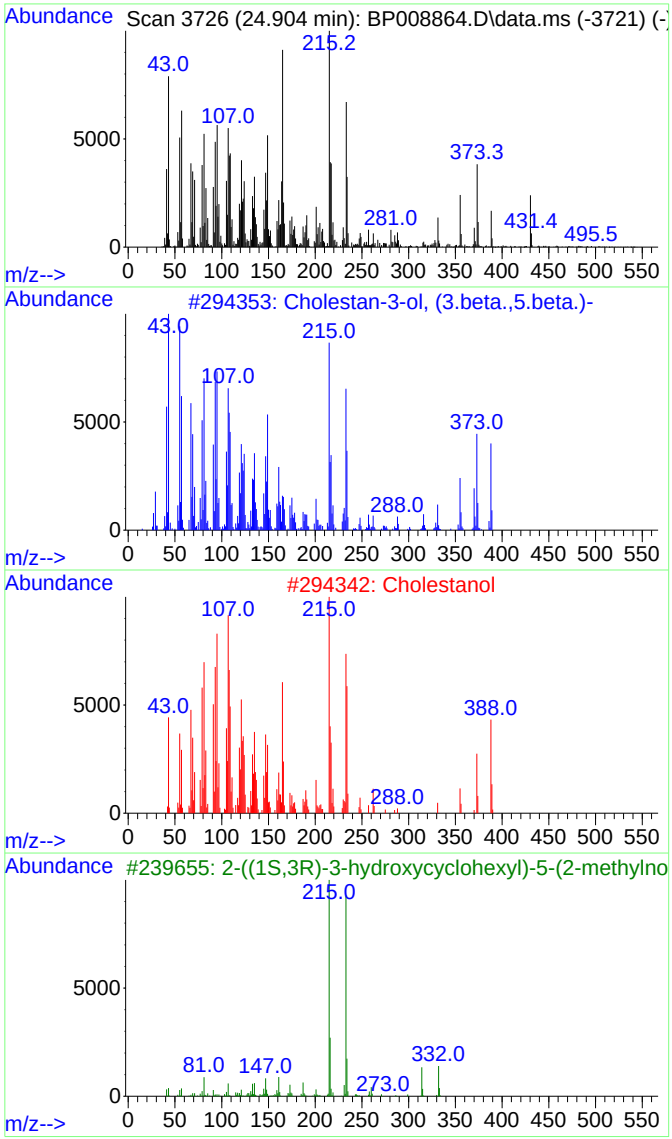
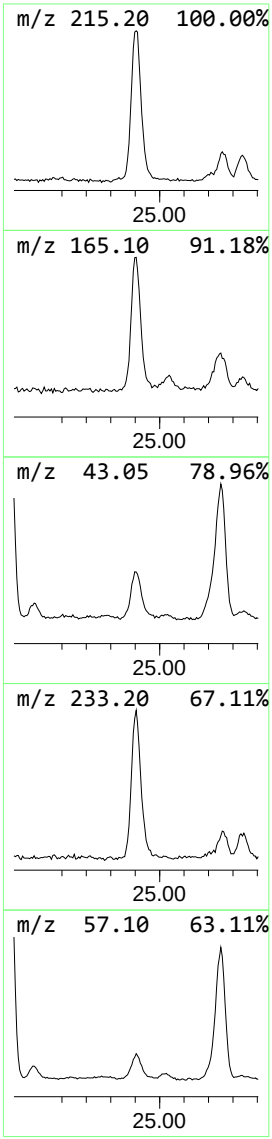
Peak Number 20 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.904	12.41 ng	2534460	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	84
2	Cholestanol	388	C27H48O	000080-97-7	58
3	2-((1S,3R)-3-hydroxycyclohexyl)-...	332	C22H36O2	132296-11-8	30
4	Methyl 4-(2,4-dichlorophenyl)-2,...	274	C11H8Cl2O4	175711-73-6	25
5	3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008864.D
Acq On : 19 Jan 2022 20:55
Operator : CG/JU
Sample : N1172-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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...	3.052	26.0	ng	1903400	1	7.846	1463750	20.0
Phenol, 4-(1,1,...	16.328	9.3	ng	1292440	4	17.245	2765970	20.0
unknown16.387	16.387	10.4	ng	1435030	4	17.245	2765970	20.0
4-(7-Methylocty...	16.445	8.2	ng	1127130	4	17.245	2765970	20.0
Phenol, 2-(1,1-...	16.492	4.1	ng	572101	4	17.245	2765970	20.0
5H-Pyrrolo(3,2-...	16.645	7.5	ng	1033320	4	17.245	2765970	20.0
Phenol, 4-(1,1-...	16.716	9.1	ng	1251490	4	17.245	2765970	20.0
2-Methyl-4-hydr...	16.787	3.7	ng	515745	4	17.245	2765970	20.0
n-Hexadecanoic ...	18.139	6.8	ng	933904	4	17.245	2765970	20.0
Heneicosane	20.110	6.0	ng	1147970	5	21.333	3802100	20.0
Hexadecane	20.598	11.3	ng	2150980	5	21.333	3802100	20.0
Eicosane	21.051	16.9	ng	3206810	5	21.333	3802100	20.0
Triphenylphosph...	21.451	6.0	ng	1139380	5	21.333	3802100	20.0
Docosane, 11-bu...	21.486	16.8	ng	3198390	5	21.333	3802100	20.0
Nonadecane	21.951	19.1	ng	3620730	5	21.333	3802100	20.0
Heptadecane, 9-...	22.457	19.1	ng	3630620	5	21.333	3802100	20.0
11-Methylpentac...	23.022	20.6	ng	4204770	6	23.751	4083020	20.0
Tetracosane, 1-...	23.657	15.2	ng	3094500	6	23.751	4083020	20.0
Heneicosane, 11...	24.392	12.5	ng	2554860	6	23.751	4083020	20.0
Cholestan-3-ol,...	24.904	12.4	ng	2534460	6	23.751	4083020	20.0