LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-012424

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-BP012624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019459.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	401	408	416	rBV	1075063	1607995	54.45%	6.364%
2	7.081	667	679	688	rBV	1071529	1744274	59.07%	6.904%
3	7.916	810	821	829	rBV	307199	482736	16.35%	1.911%
4	9.081	1012	1019	1026	rBV	646785	1099623	37.24%	4.352%
5	10.716	1287	1297	1303	rBV	388850	702672	23.79%	2.781%
6	12.145	1533	1540	1547	rBV	55205	89473	3.03%	0.354%
7	12.369	1567	1578	1584	rVB5	20575	51988	1.76%	0.206%
8	13.098	1697	1702	1706	rVB4	20691	30022	1.02%	0.119%
9	13.181	1709	1716	1723	rVB	1381908	2113355	71.57%	8.364%
10	13.387	1746	1751	1758	rVB2	58106	88745	3.01%	0.351%
11	13.457	1758	1763	1772	rBV5	20699	50642	1.71%	0.200%
12	14.040	1859	1862	1866	rVB3	27830	37005	1.25%	0.146%
13	14.275	1896	1902	1908	rBV	34942	64126	2.17%	0.254%
14	14.463	1929	1934	1938	rVV	57546	78671	2.66%	0.311%
15	14.545	1941	1948	1955	rVV	522905	844977	28.61%	3.344%
16	14.616	1955	1960	1968	rVB	30031	54970	1.86%	0.218%
17	14.951	2014	2017	2025	rVB5	24606	51301	1.74%	0.203%
18	15.081	2036	2039	2046	rVB5	21658	33313	1.13%	0.132%
19	15.416	2092	2096	2103	rBV2	61152	77390	2.62%	0.306%
20	15.598	2122	2127	2132	rBV2	39243	61574	2.09%	0.244%
21	15.822	2161	2165	2173	rVB2	40150	64962	2.20%	0.257%
22	16.039	2196	2202	2211	rBV	1165134	1745756	59.12%	6.910%
23	16.286	2239	2244	2245	rBV2	73133	93861	3.18%	0.371%
24	17.086	2376	2380	2383	rBV	52782	66144	2.24%	0.262%
25	17.133	2383	2388	2396	rVB4	56861	117524	3.98%	0.465%
26	17.304	2412	2417	2421	rBV	647318	963859	32.64%	3.815%
27	17.351	2421	2425	2430	rVB	313313	441749	14.96%	1.748%
28	17.439	2436	2440	2446	rVB	129813	184032	6.23%	0.728%
29	17.498	2447	2450	2457	rVB7	20597	42124	1.43%	0.167%
30	17.716	2483	2487	2490	rBV	29249	40570	1.37%	0.161%
31	17.828	2503	2506	2511	rVB2	61120	69883	2.37%	0.277%
32	18.175	2561	2565	2568	rBV	58527	82271	2.79%	0.326%
33	18.216	2568	2572	2580	rVV2	352022	525151	17.78%	2.078%
34	18.298	2583	2586	2590	rVV	52230	80009	2.71%	0.317%
35	18.363	2592	2597	2601	rVV3	117804	224550	7.60%	0.889%
36	18.398	2601	2603	2609	rVB	54909	63759	2.16%	0.252%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-012424

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-BP012624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.504	2617	2621	2624	rBV	67110	82933	2.81%	0.328%
38	18.663	2645	2648	2651	rBV	36791	43545	1.47%	0.172%
39	18.945	2693	2696	2700	rBV3	40130	57100	1.93%	0.226%
40	19.063	2712	2716	2720	rBV2	80603	126391	4.28%	0.500%
41	19.110	2720	2724	2735	rVB5	152612	343791	11.64%	1.361%
42	19.198	2736	2739	2744	rVB4	40825	58620	1.99%	0.232%
43	19.316	2754	2759	2767	rBV	765485	1213180	41.08%	4.802%
44	19.451	2778	2782	2788	rBV4	131199	221074	7.49%	0.875%
45	19.669	2811	2819	2828	rBV	740635	1308897	44.32%	5.180%
46	19.880	2850	2855	2864	rVB	2230608	2953037	100.00%	11.688%
47	20.151	2898	2901	2905	rVB2	148974	197332	6.68%	0.781%
48	20.198	2906	2909	2912	rBV	123809	139729	4.73%	0.553%
49	20.257	2916	2919	2922	rVB2	100818	120909	4.09%	0.479%
50	20.686	2990	2992	2996	rVB	124095	123056	4.17%	0.487%
51	21.139	3065	3069	3074	rVB3	265920	364020	12.33%	1.441%
52	21.404	3107	3114	3118	rBV2	880579	1719478	58.23%	6.806%
53	21.439	3118	3120	3130	rVB	359970	490179	16.60%	1.940%
54	21.592	3144	3146	3152	rVB2	107375	127505	4.32%	0.505%
55	23.098	3398	3402	3407	rBV	208431	393933	13.34%	1.559%
56	23.833	3522	3527	3533	rVB	502153	1010128	34.21%	3.998%

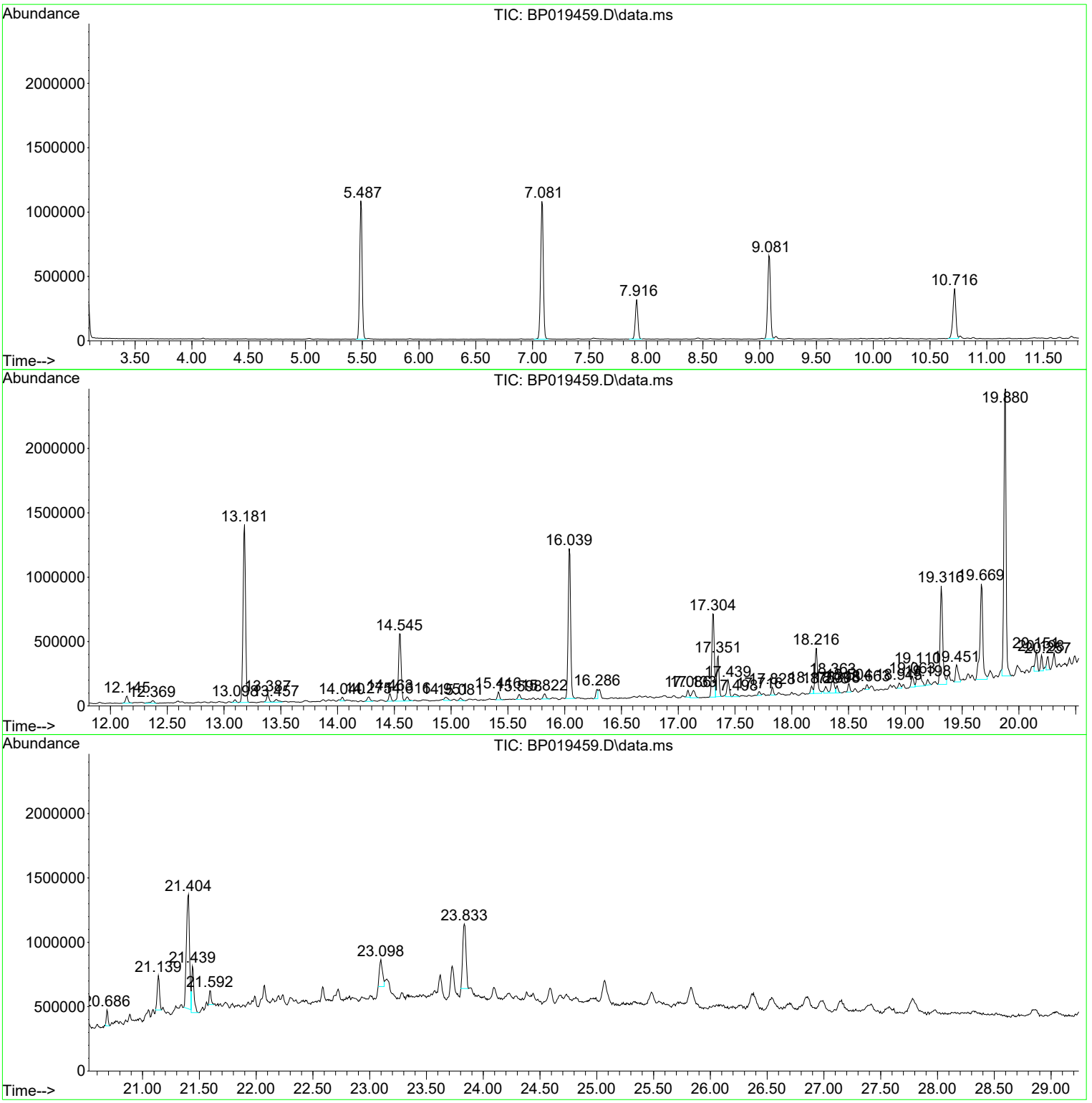
Sum of corrected areas: 25265893

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.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\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

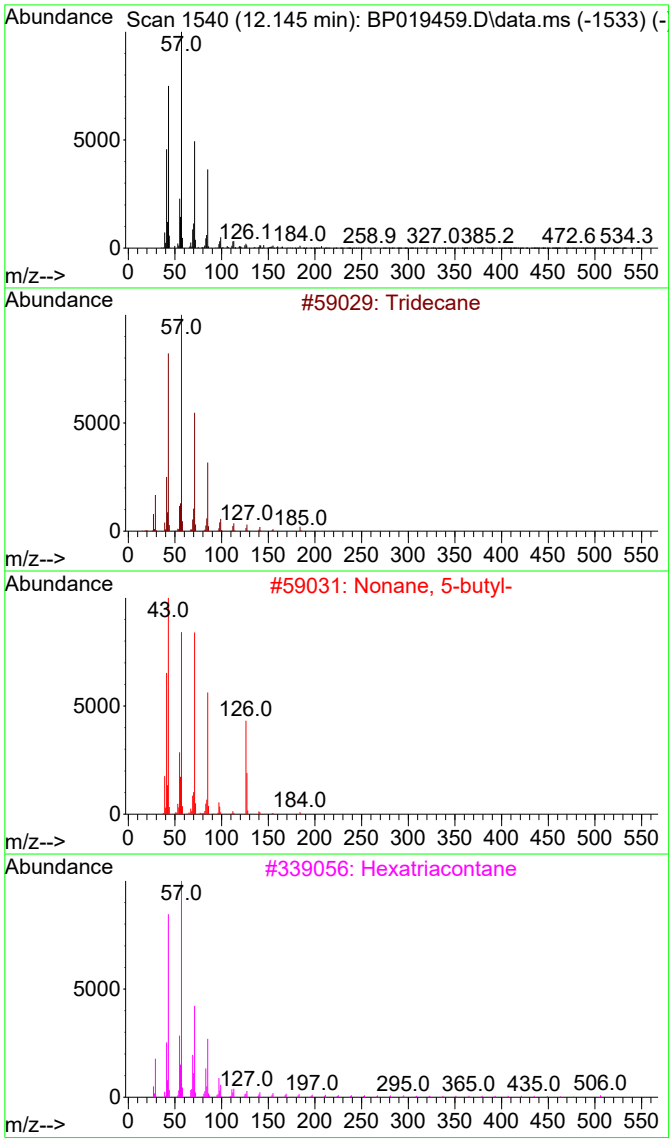
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

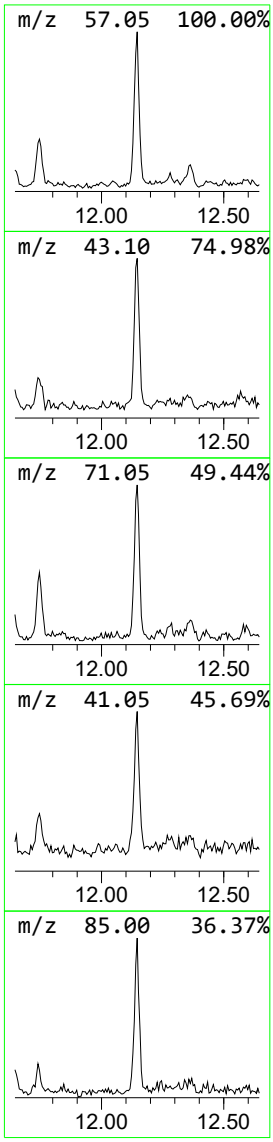
****

Peak Number 1 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.146	2.55 ng	89473	Naphthalene-d8	10.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

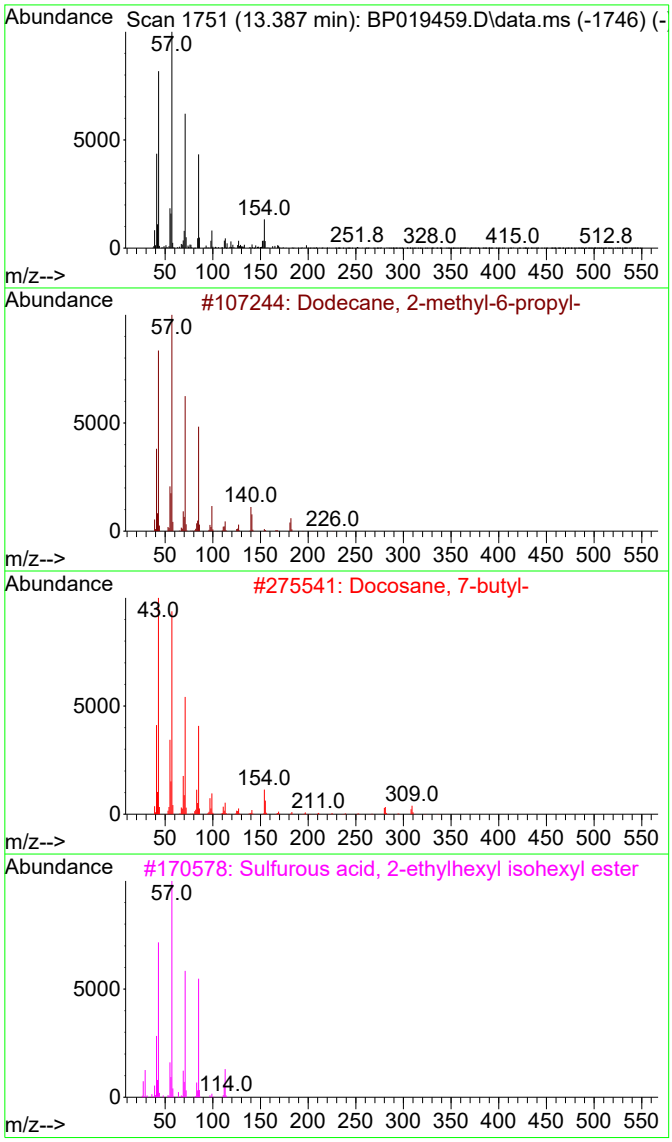
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

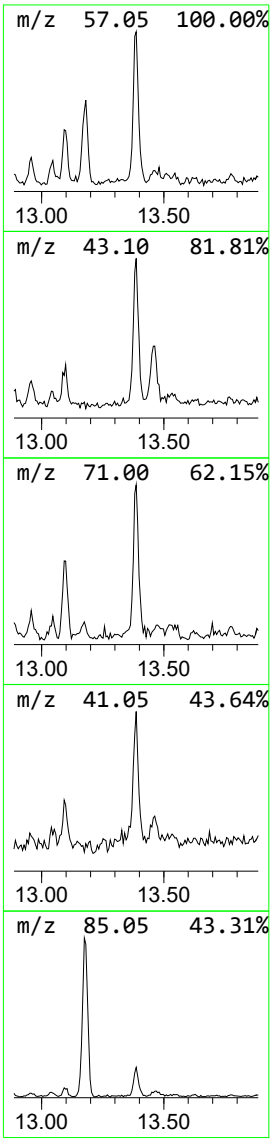
****

Peak Number 2 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.387	2.10 ng	88745	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
2	Docosane, 7-butyl-	366	C26H54	055282-15-0	80
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

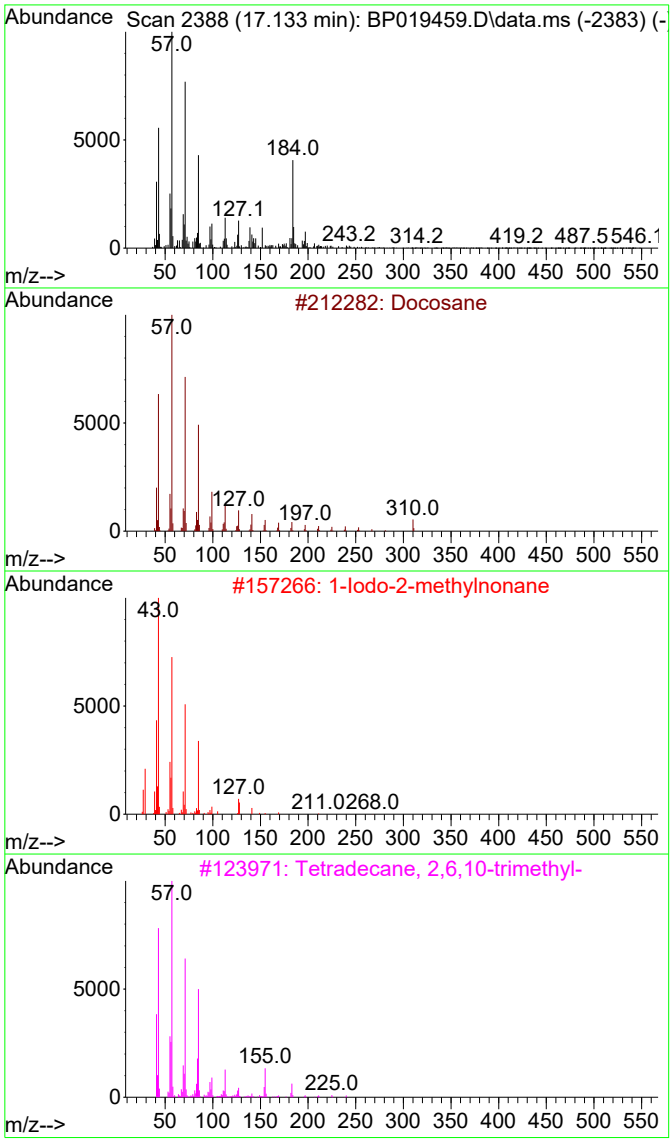
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

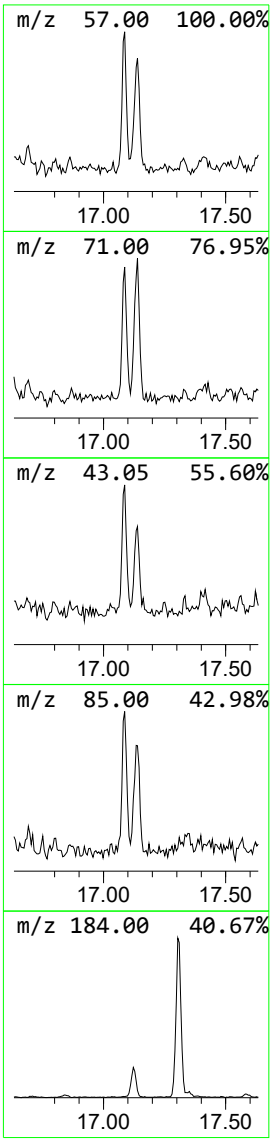
****

Peak Number 3 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.134	2.44 ng	117524	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	78
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	60
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	55
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

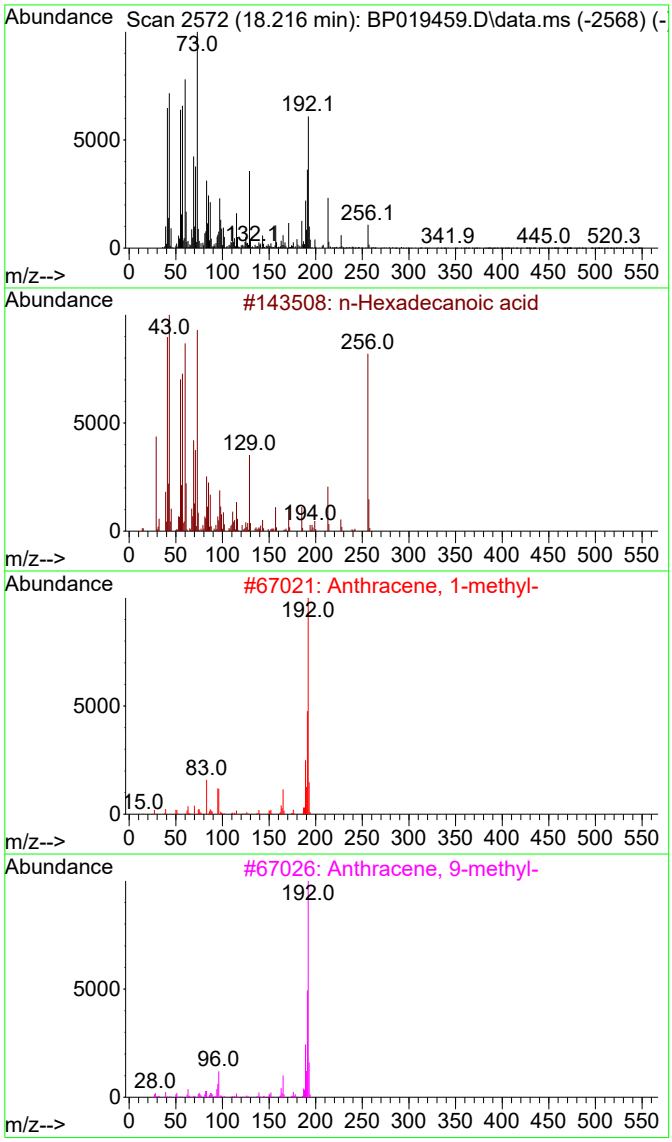
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

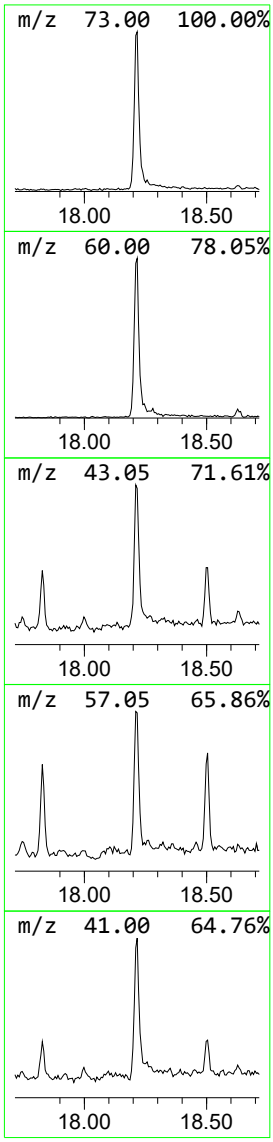
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	10.90 ng	525151	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

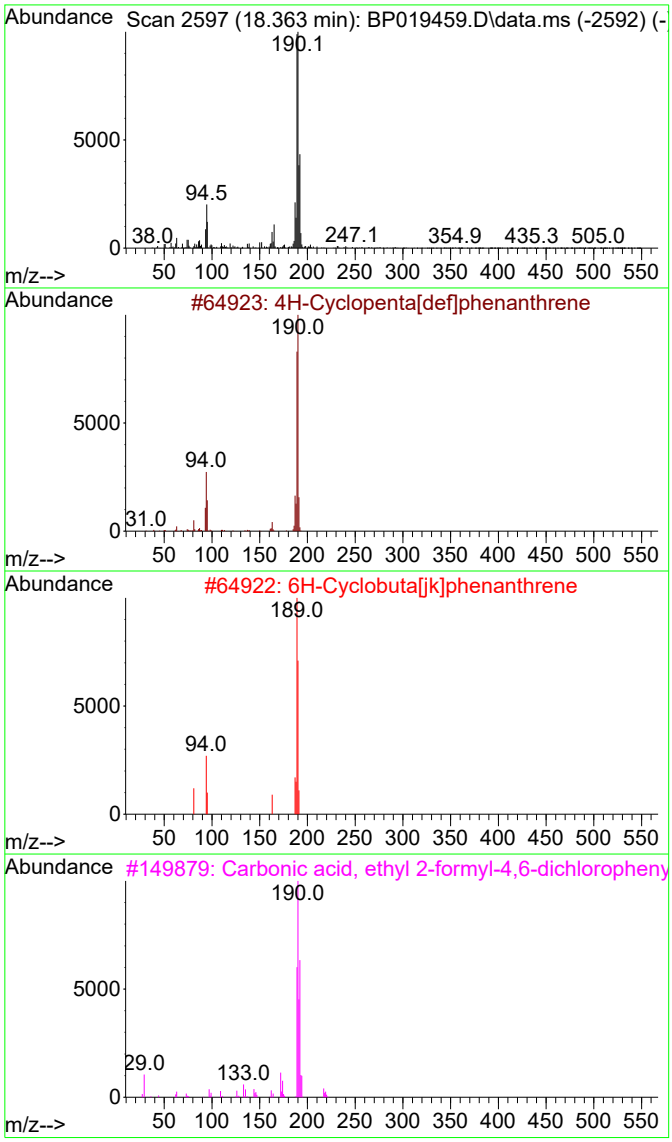
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

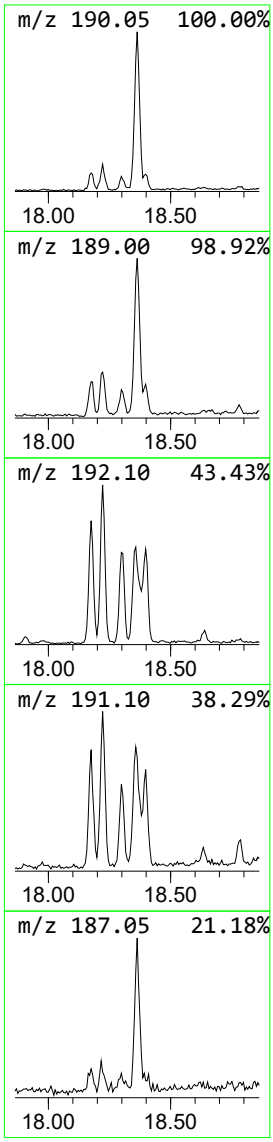
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	4.66 ng	224550	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

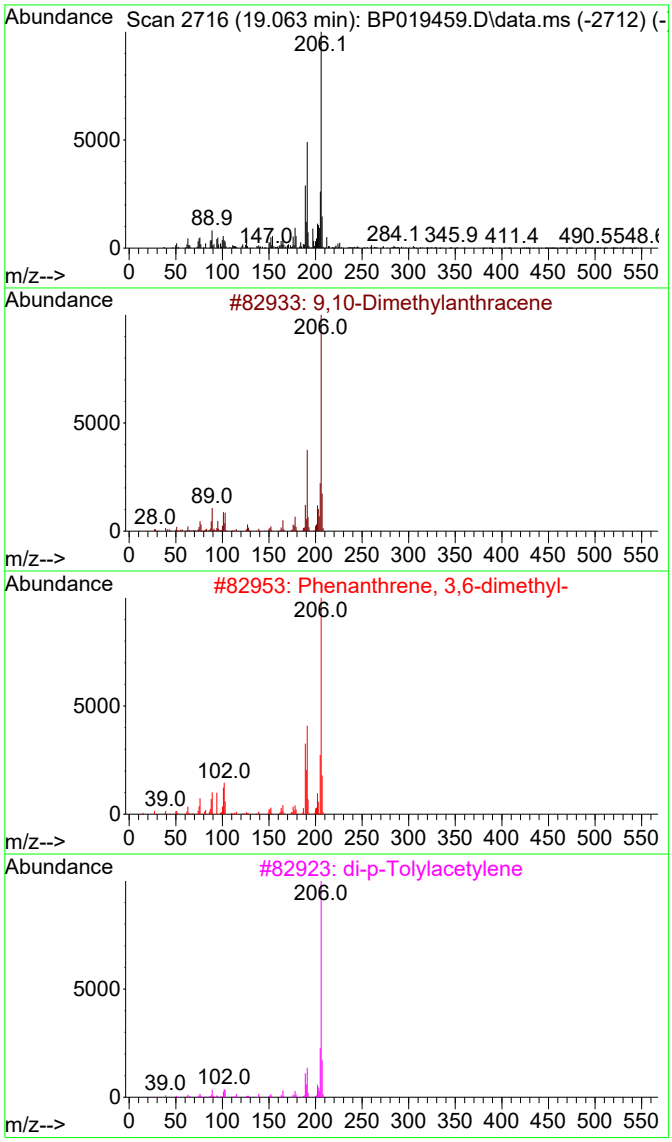
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

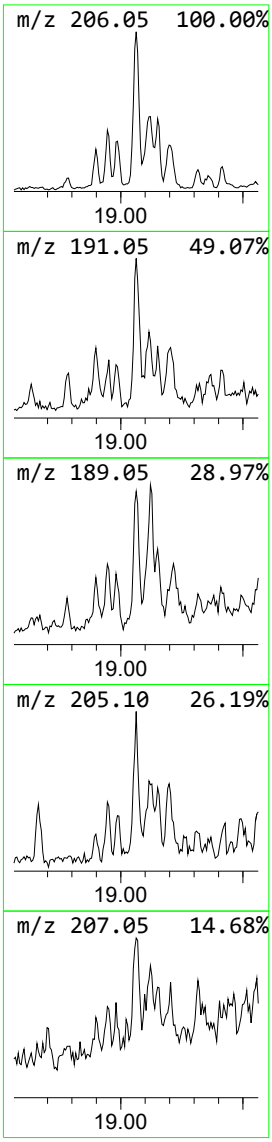
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	2.62 ng	126391	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

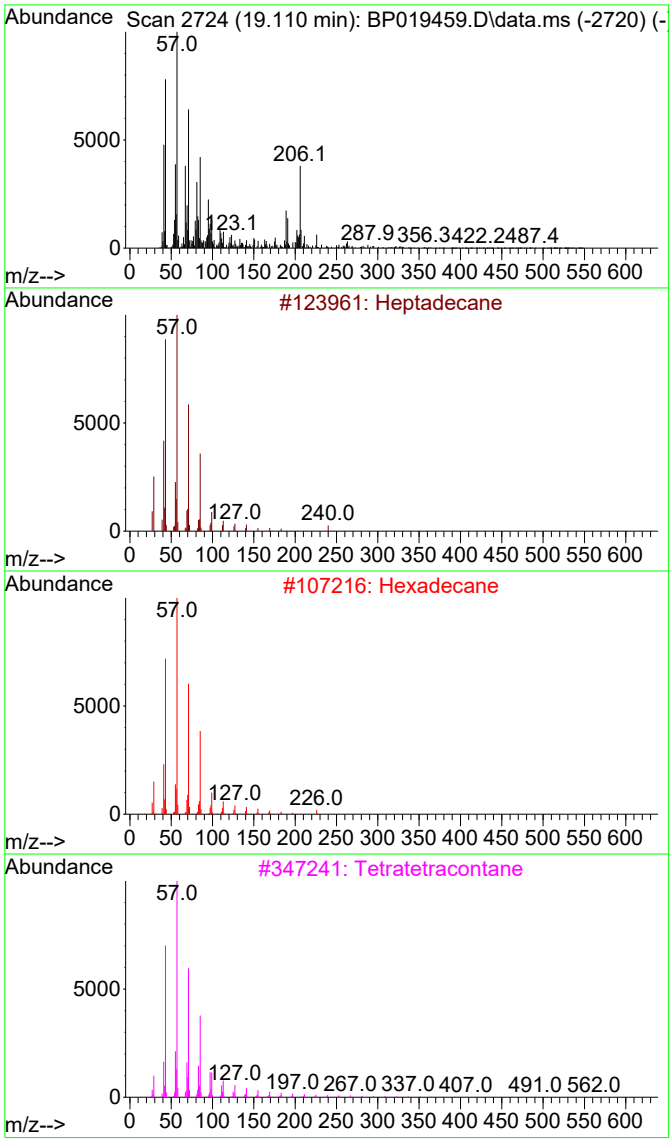
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

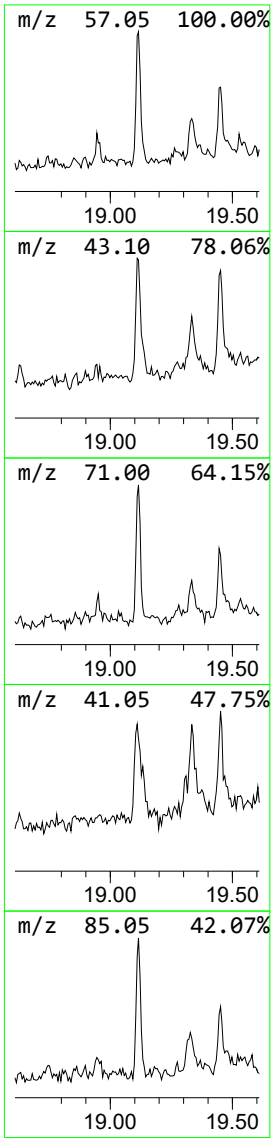
****

Peak Number 7 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	7.13 ng	343791	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	70
3	Tetratetracontane	619	C44H90	007098-22-8	53
4	Hexatriacontane	507	C36H74	000630-06-8	53
5	Tetracosane	338	C24H50	000646-31-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

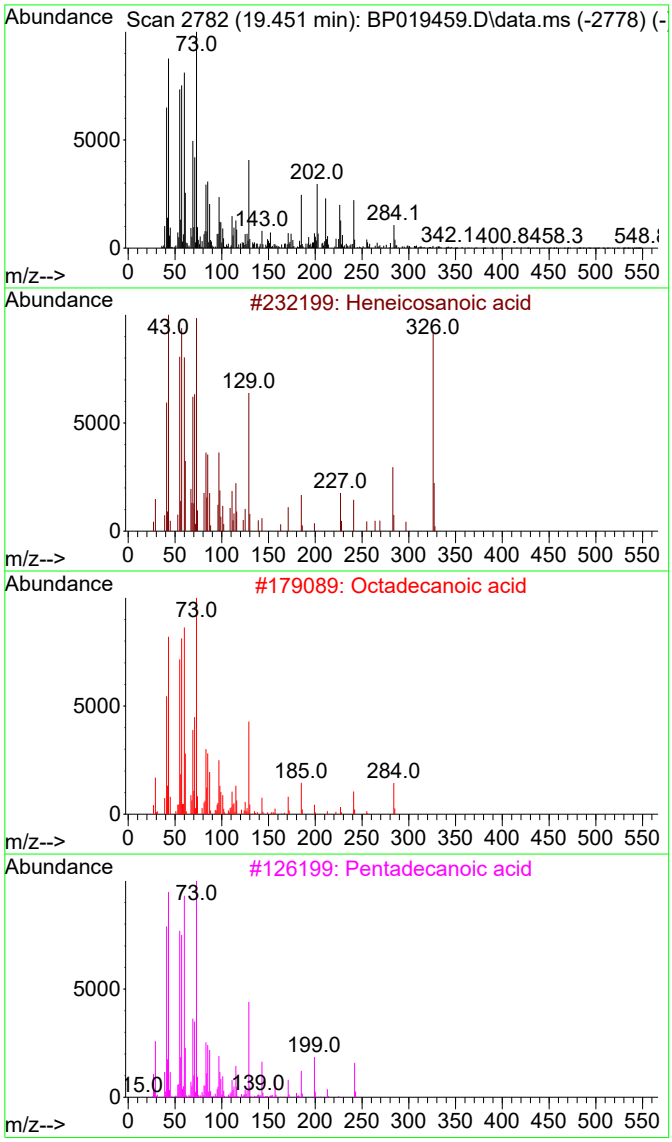
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

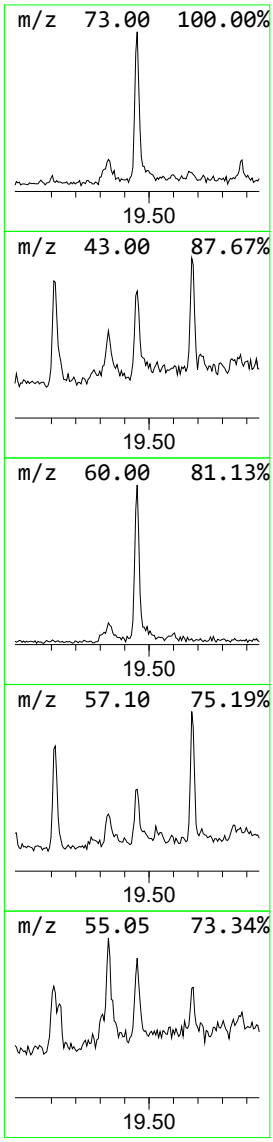
****

Peak Number 8 Heneicosanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	2.57 ng	221074	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosanoic acid	326	C21H42O2	002363-71-5	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.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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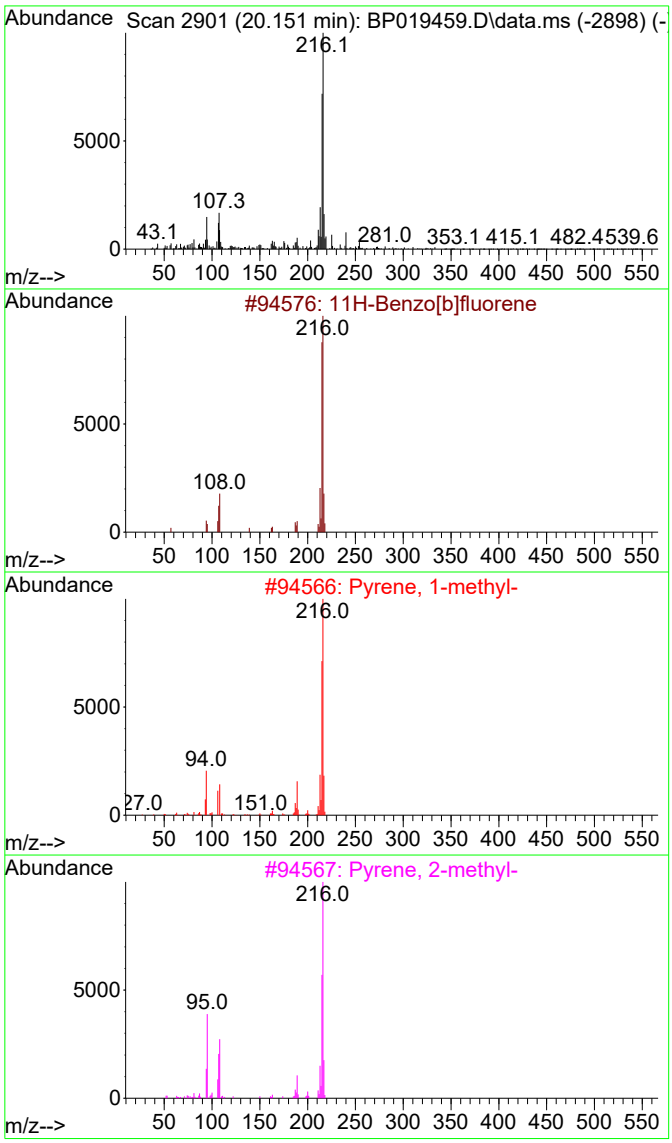
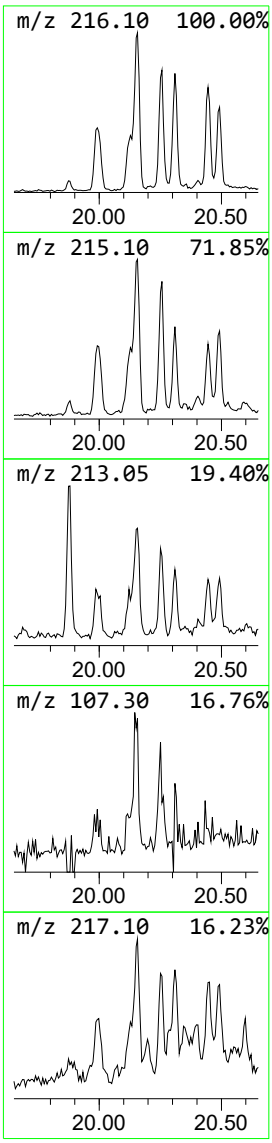
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.30 ng	197332	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	7-(1-Piperidinylmethyl)-8-quinol...	314	C18H26N2OSi	1000476-73-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.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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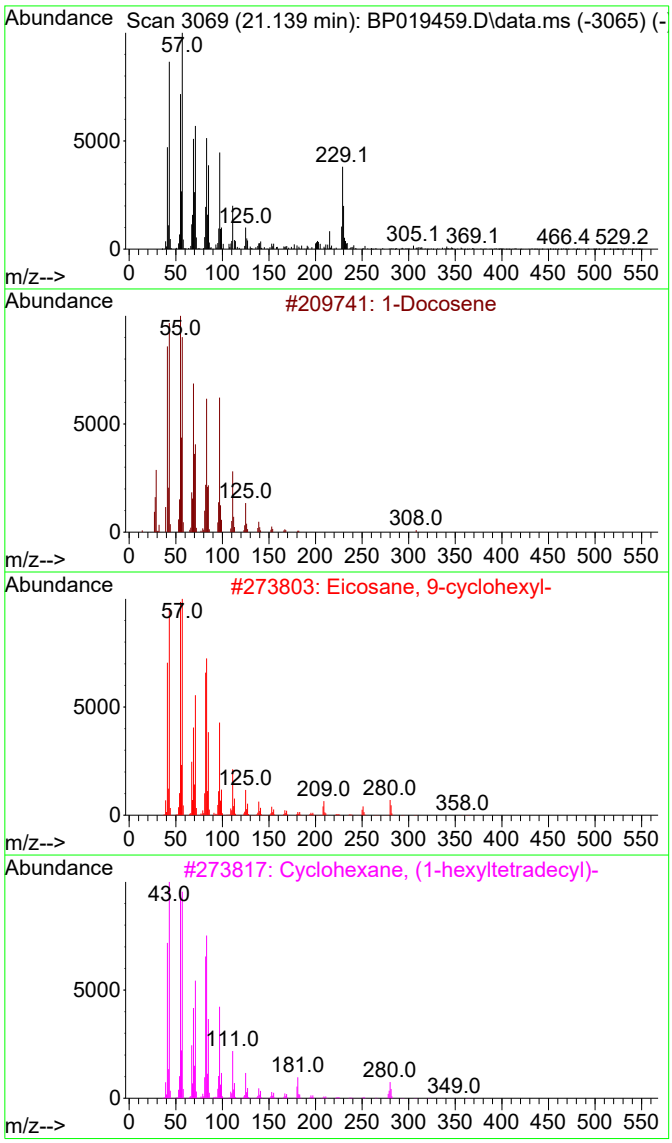
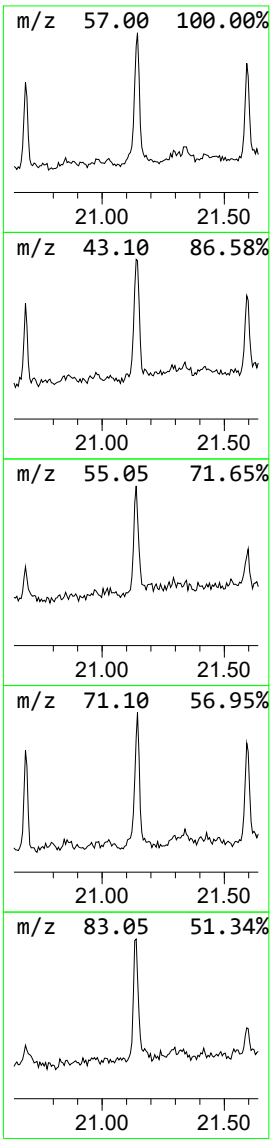
Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	4.23 ng	364020	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	86
3	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	70
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	64
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019459.D
Acq On : 26 Jan 2024 21:52
Operator : MA/JU
Sample : P1247-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-012424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.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
Tridecane	12.146	2.5	ng	89473	2	10.716	702672	20.0
Dodecane, 2-met...	13.387	2.1	ng	88745	3	14.551	844977	20.0
Docosane	17.134	2.4	ng	117524	4	17.310	963859	20.0
n-Hexadecanoic ...	18.216	10.9	ng	525151	4	17.310	963859	20.0
4H-Cyclopenta[d...	18.363	4.7	ng	224550	4	17.310	963859	20.0
9,10-Dimethylan...	19.063	2.6	ng	126391	4	17.310	963859	20.0
Heptadecane	19.110	7.1	ng	343791	4	17.310	963859	20.0
Heneicosanoic acid	19.451	2.6	ng	221074	5	21.404	1719480	20.0
11H-Benzo[b]flu...	20.151	2.3	ng	197332	5	21.404	1719480	20.0
1-Docosene	21.139	4.2	ng	364020	5	21.404	1719480	20.0