LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

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\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.705	302	309	318	rBV	59605	90062	2.71%	0.271%
2	5.175	383	389	404	rBV	1111393	1763852	53.15%	5.302%
3	6.758	650	658	671	rBV	1027015	1848343	55.70%	5.556%
4	6.852	671	674	685	rVB2	31244	61543	1.85%	0.185%
5	7.546	785	792	805	rBV	584481	927099	27.94%	2.787%
6	8.693	980	987	1001	rBV	665127	1158881	34.92%	3.483%
7	10.316	1254	1263	1269	rBV	730564	1284961	38.72%	3.862%
8	10.369	1269	1272	1281	rVB	64044	107063	3.23%	0.322%
9	11.999	1542	1549	1557	rVB	49370	88140	2.66%	0.265%
10	12.216	1580	1586	1598	rVB	44947	82722	2.49%	0.249%
11	12.810	1680	1687	1709	rBV	1652827	2597285	78.27%	7.807%
12	13.363	1776	1781	1783	rBV2	21360	35572	1.07%	0.107%
13	13.522	1802	1808	1813	rBV	37198	66944	2.02%	0.201%
14	13.575	1813	1817	1822	rVB2	23570	33912	1.02%	0.102%
15	13.663	1826	1832	1839	rBV	217630	324959	9.79%	0.977%
16	13.916	1871	1875	1883	rVB	59659	98739	2.98%	0.297%
17	14.198	1916	1923	1930	rBV	1143814	1687139	50.84%	5.071%
18	14.263	1930	1934	1944	rVB	66597	112197	3.38%	0.337%
19	14.610	1988	1993	2002	rVB2	40859	75156	2.26%	0.226%
20	15.087	2069	2074	2080	rVB2	22853	35748	1.08%	0.107%
21	15.257	2097	2103	2109	rBV	82039	134807	4.06%	0.405%
22	15.704	2173	2179	2190	rBV	1094746	1726174	52.02%	5.188%
23	16.269	2269	2275	2280	rBV5	22757	48810	1.47%	0.147%
24	16.322	2280	2284	2289	rVB2	21901	35159	1.06%	0.106%
25	16.540	2317	2321	2325	rVB4	21709	35648	1.07%	0.107%
26	16.710	2345	2350	2354	rBV4	18896	37085	1.12%	0.111%
27	16.781	2359	2362	2365	rVB	29661	35850	1.08%	0.108%
28	16.963	2387	2393	2397	rBV	1347789	1998581	60.22%	6.007%
29	17.004	2397	2400	2406	rVB	582525	730045	22.00%	2.194%
30	17.098	2411	2416	2423	rVB	149262	231971	6.99%	0.697%
31	17.375	2459	2463	2469	rBV	52531	77301	2.33%	0.232%
32	17.492	2480	2483	2486	rBV3	36813	42296	1.27%	0.127%
33	17.663	2508	2512	2522	rVB	292039	370498	11.16%	1.114%
34	17.839	2538	2542	2546	rBV	96634	128406	3.87%	0.386%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

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\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.887	2546	2550	2555	rVB	127735	172195	5.19%	0.518%
36	17.969	2560	2564	2567	rVV	44582	68181	2.05%	0.205%
37	18.028	2569	2574	2578	rVV2	174849	297391	8.96%	0.894%
38	18.063	2578	2580	2589	rVB	77508	103626	3.12%	0.311%
39	18.175	2596	2599	2605	rBV2	35814	48310	1.46%	0.145%
40	18.334	2623	2626	2629	rVV	45530	51285	1.55%	0.154%
41	18.375	2629	2633	2639	rVB3	44787	80432	2.42%	0.242%
42	18.622	2670	2675	2679	rBV2	228569	289106	8.71%	0.869%
43	18.663	2679	2682	2685	rVB2	39812	47539	1.43%	0.143%
44	18.739	2687	2695	2697	rBV4	95853	208035	6.27%	0.625%
45	18.775	2697	2701	2703	rBV	818065	895236	26.98%	2.691%
46	18.804	2703	2706	2711	rVB	1058293	1287343	38.79%	3.869%
47	18.939	2725	2729	2733	rBV	162403	180651	5.44%	0.543%
48	18.992	2733	2738	2746	rBV	857008	1118219	33.70%	3.361%
49	19.345	2790	2798	2807	rVB	734493	1201707	36.21%	3.612%
50	19.551	2828	2833	2838	rVB	2754334	3318576	100.00%	9.975%
51	19.833	2878	2881	2885	rVB	152493	190777	5.75%	0.573%
52	19.928	2895	2897	2901	rVB	98932	111311	3.35%	0.335%
53	20.804	3042	3046	3051	rBV3	388069	546755	16.48%	1.643%
54	21.075	3086	3092	3095	rBV2	1437979	2236184	67.38%	6.721%
55	21.110	3095	3098	3107	rVB	315686	424172	12.78%	1.275%
56	22.610	3350	3353	3358	rBV2	261501	429875	12.95%	1.292%
57	23.169	3445	3448	3456	rVB	305101	476077	14.35%	1.431%
58	23.263	3459	3464	3470	rVB2	771839	1374244	41.41%	4.131%

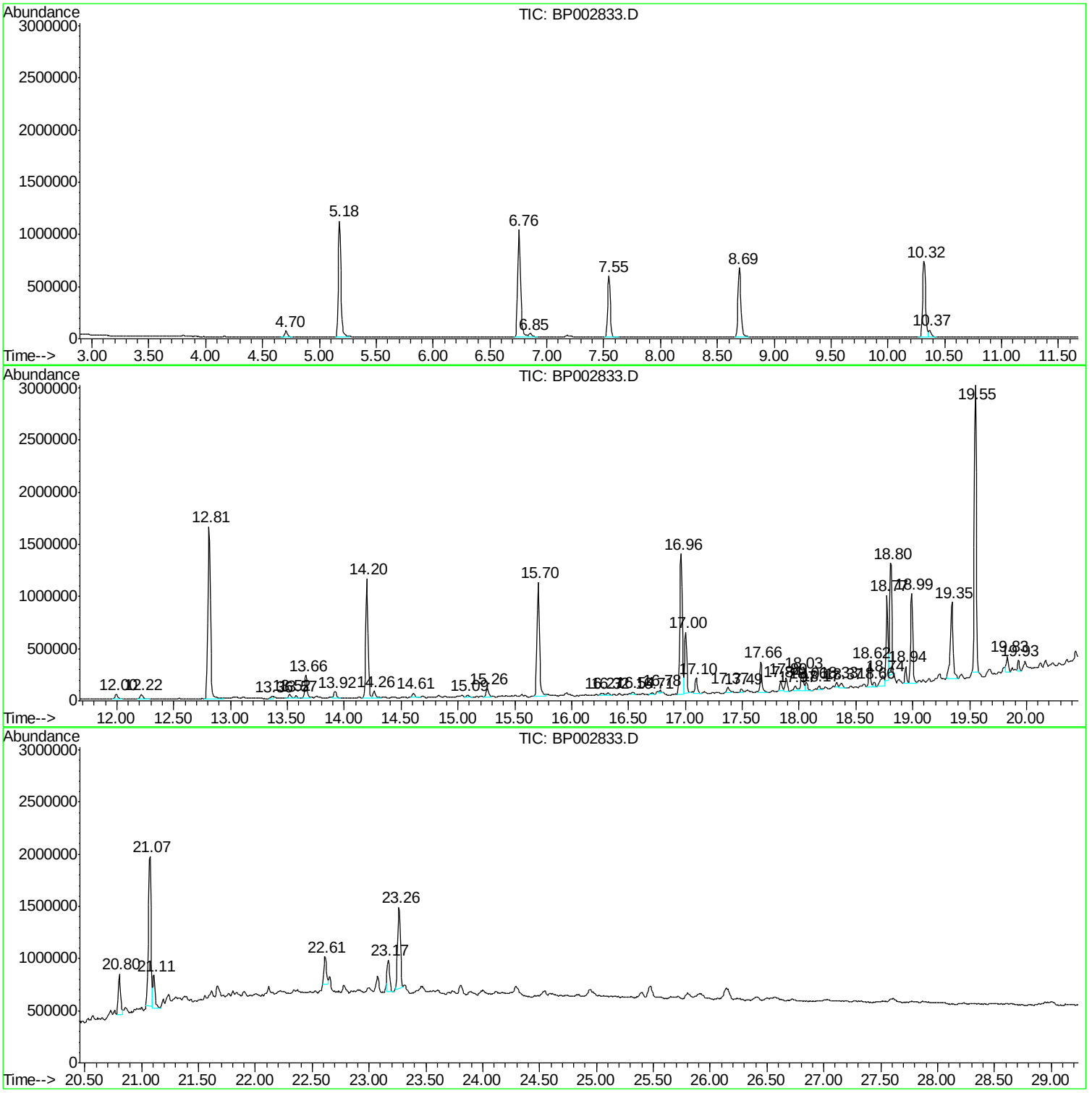
Sum of corrected areas: 33270175

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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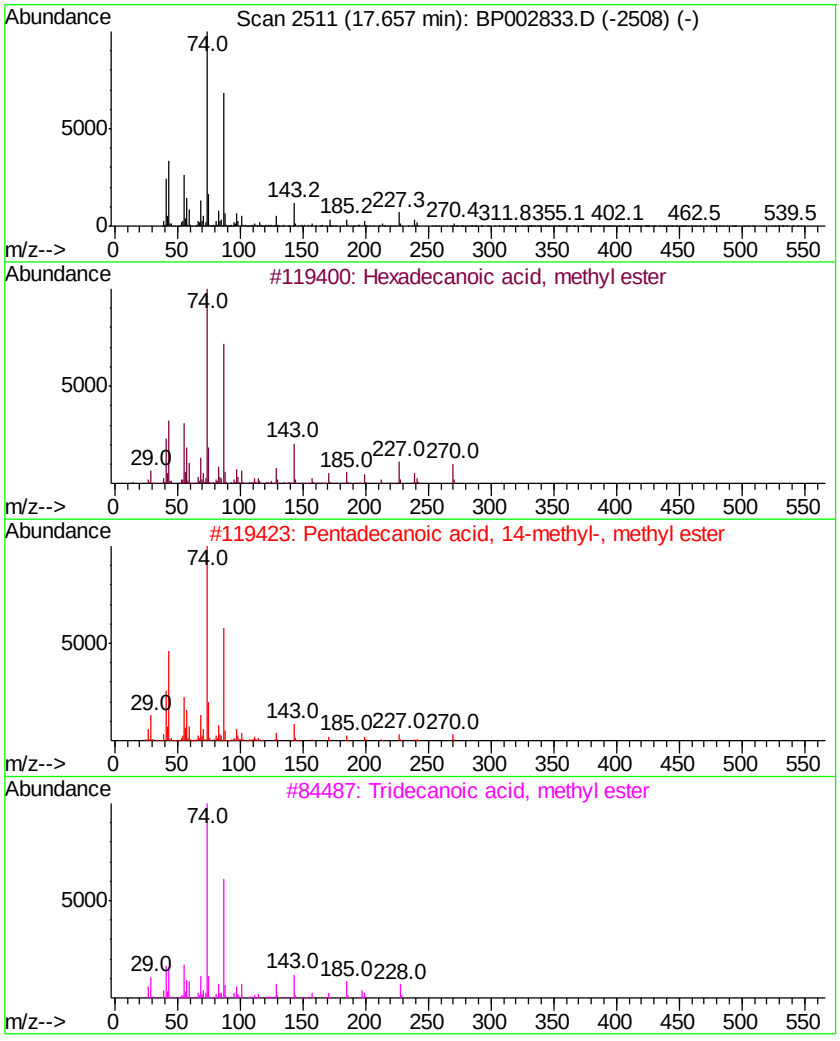
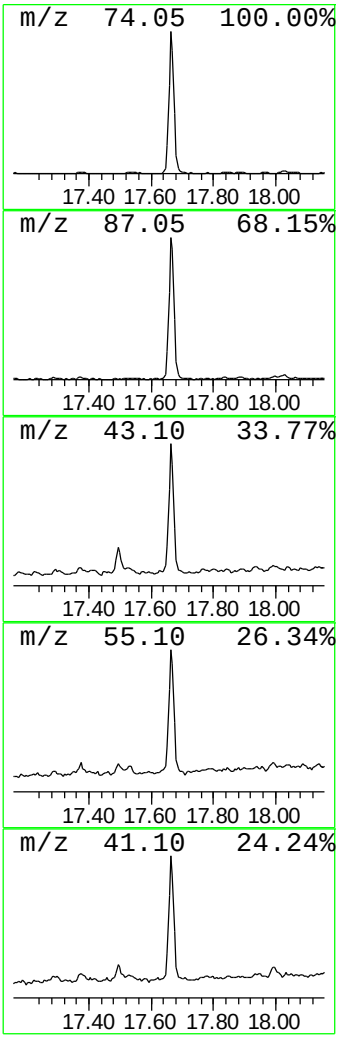
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	3.71 ng	370498	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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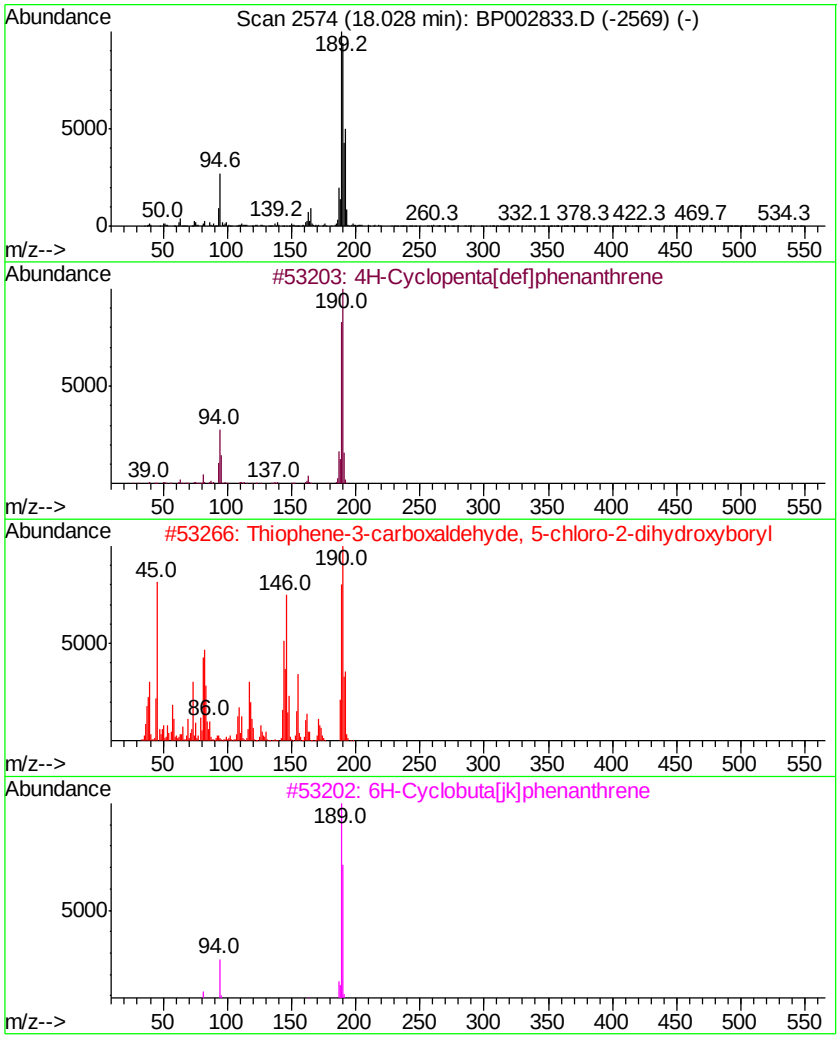
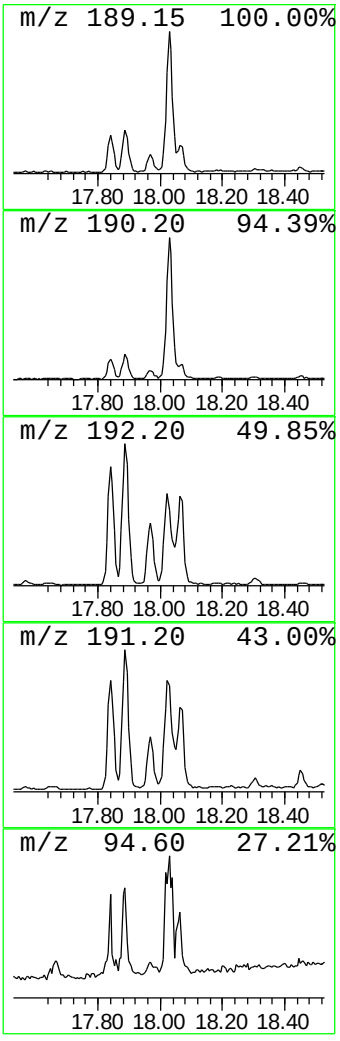
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.98 ng	297391	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

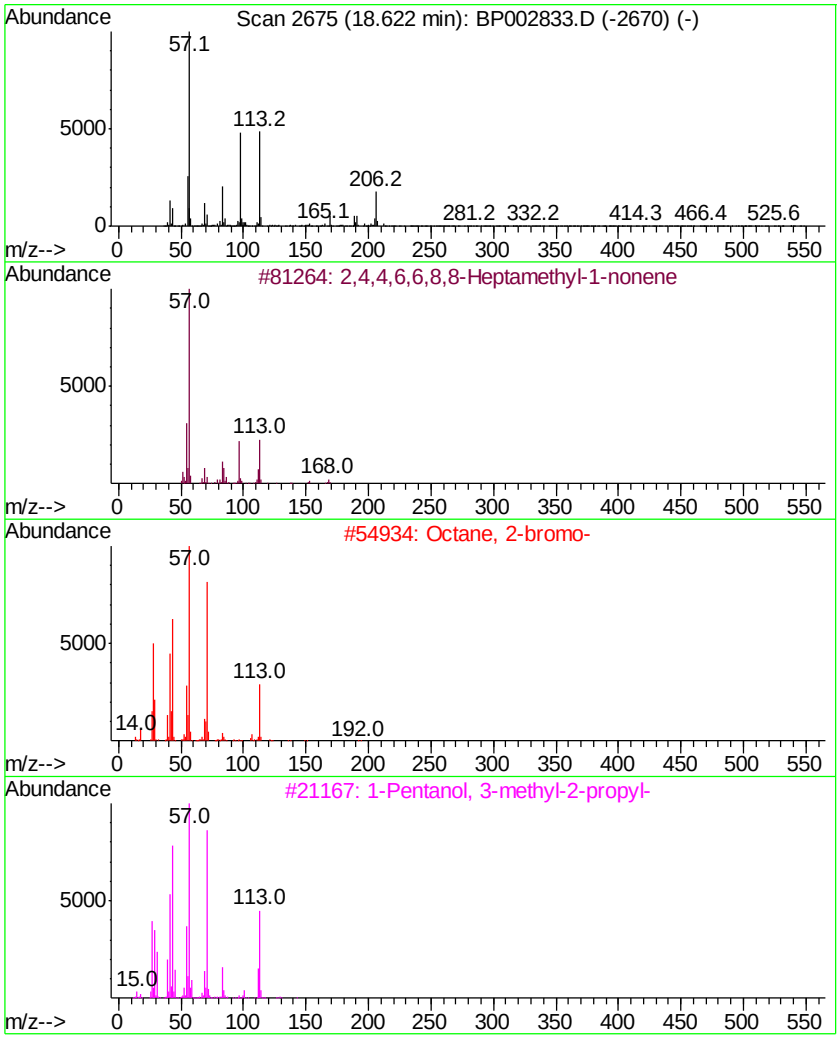
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

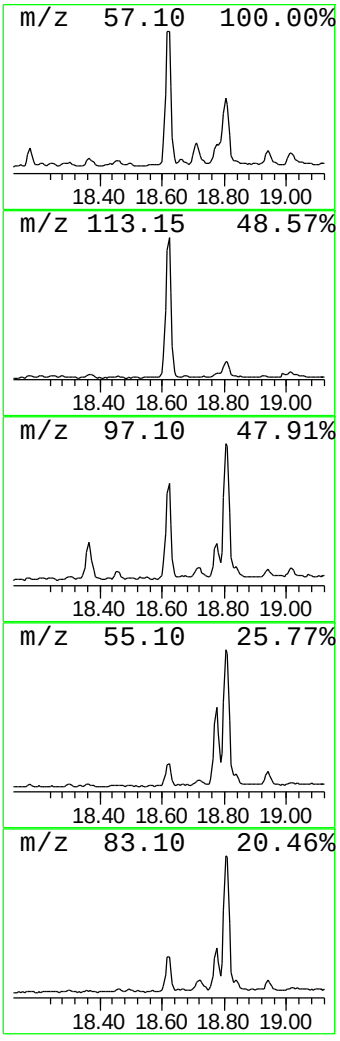
****

Peak Number 3 unknown18.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.89 ng	289106	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	25
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	25
5	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

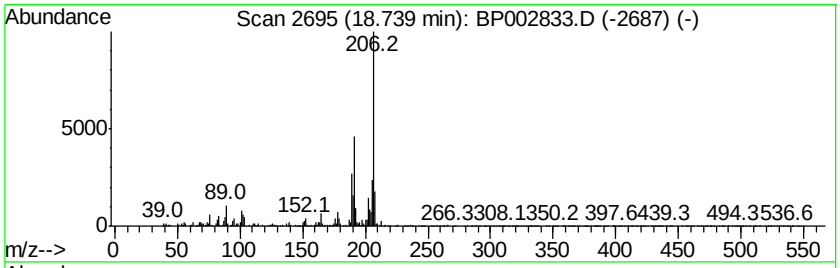
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

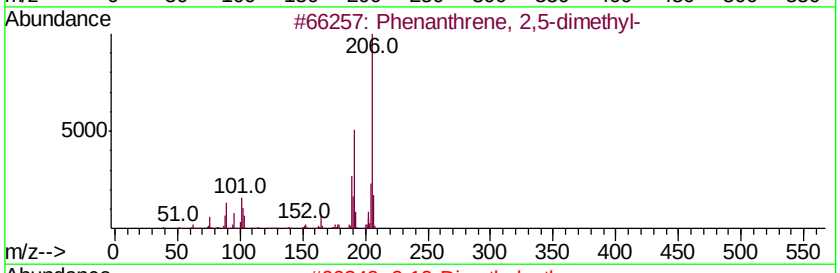
****

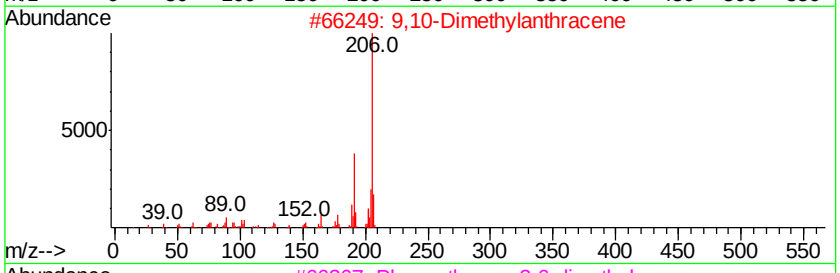
Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

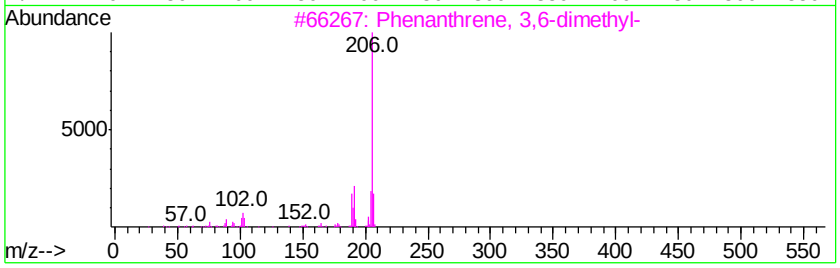
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.08 ng	208035	Phenanthrene-d10	16.96

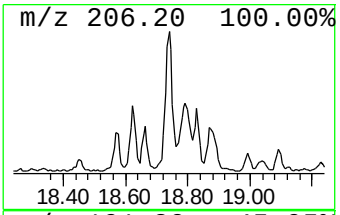
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90

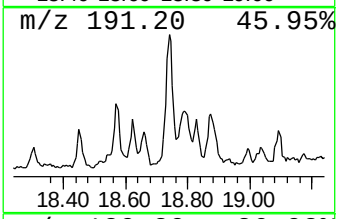


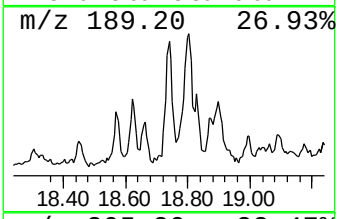


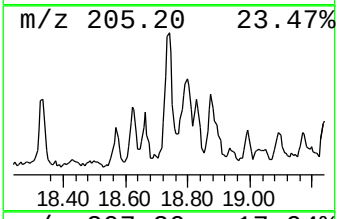


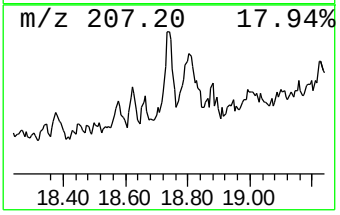












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

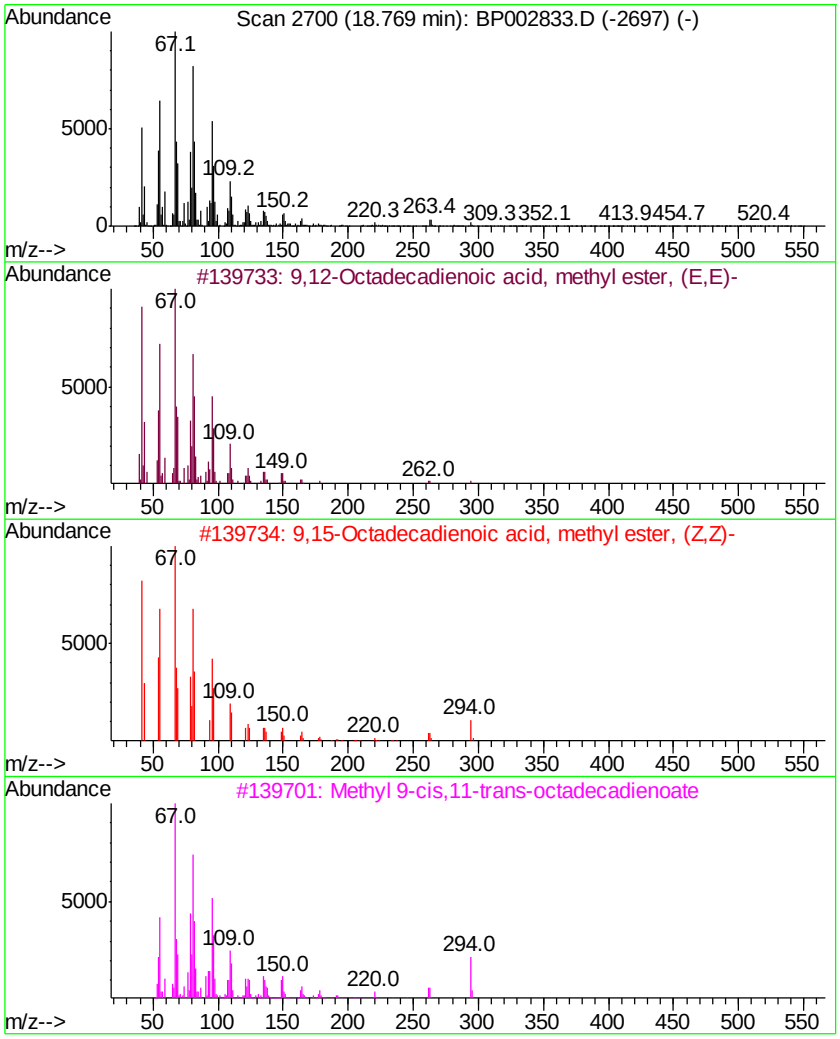
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

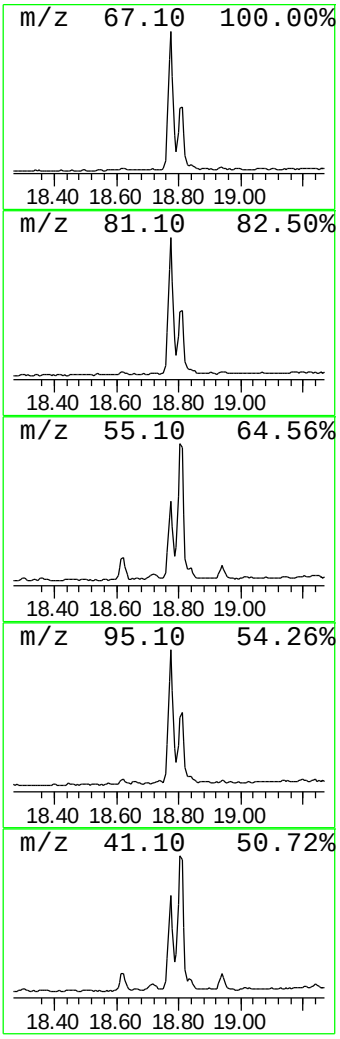
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	8.96 ng	895236	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

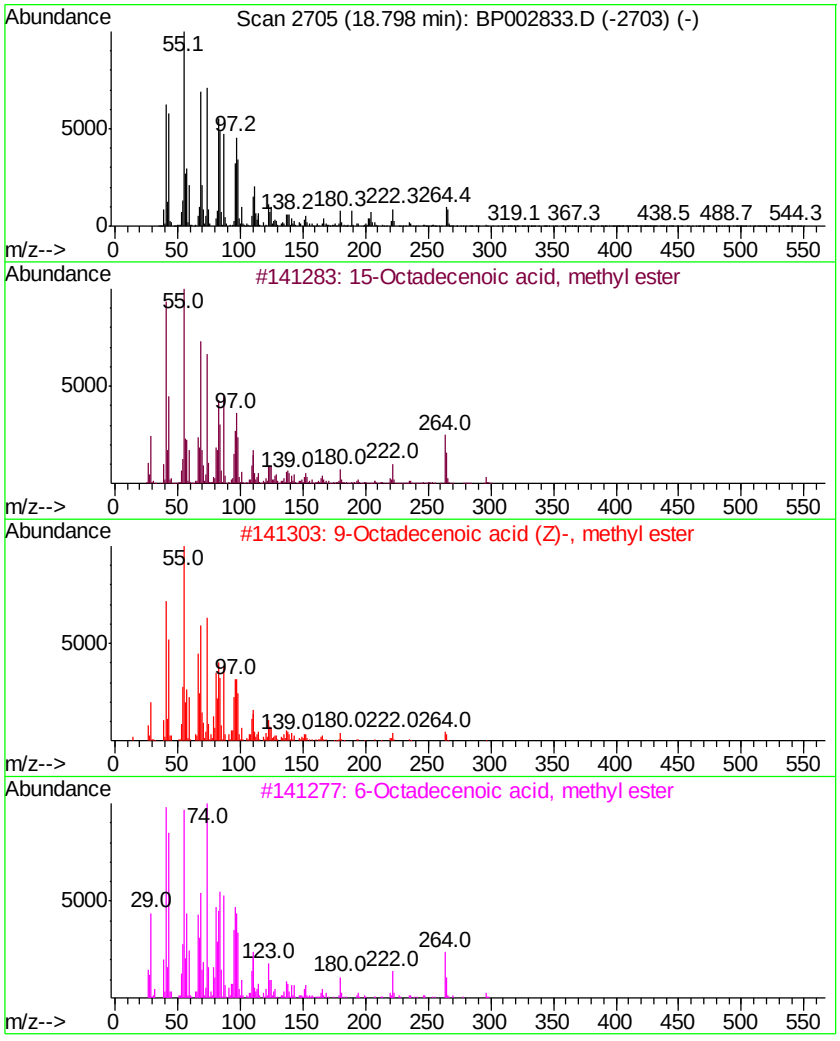
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

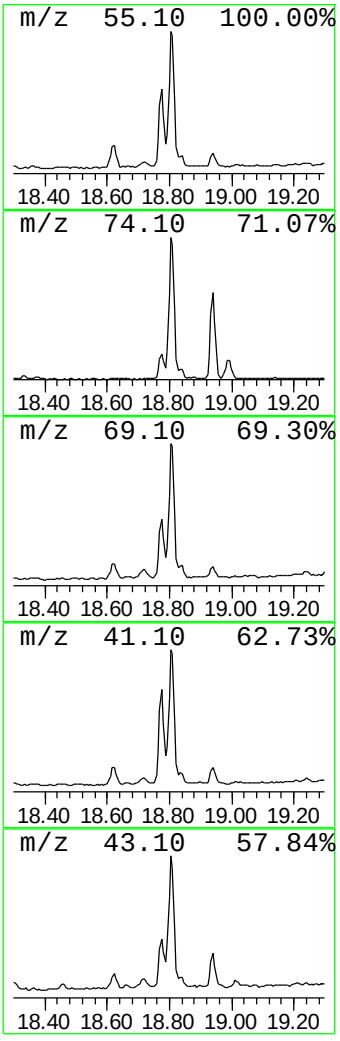
****

Peak Number 6 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	12.88 ng	1287340	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	93
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

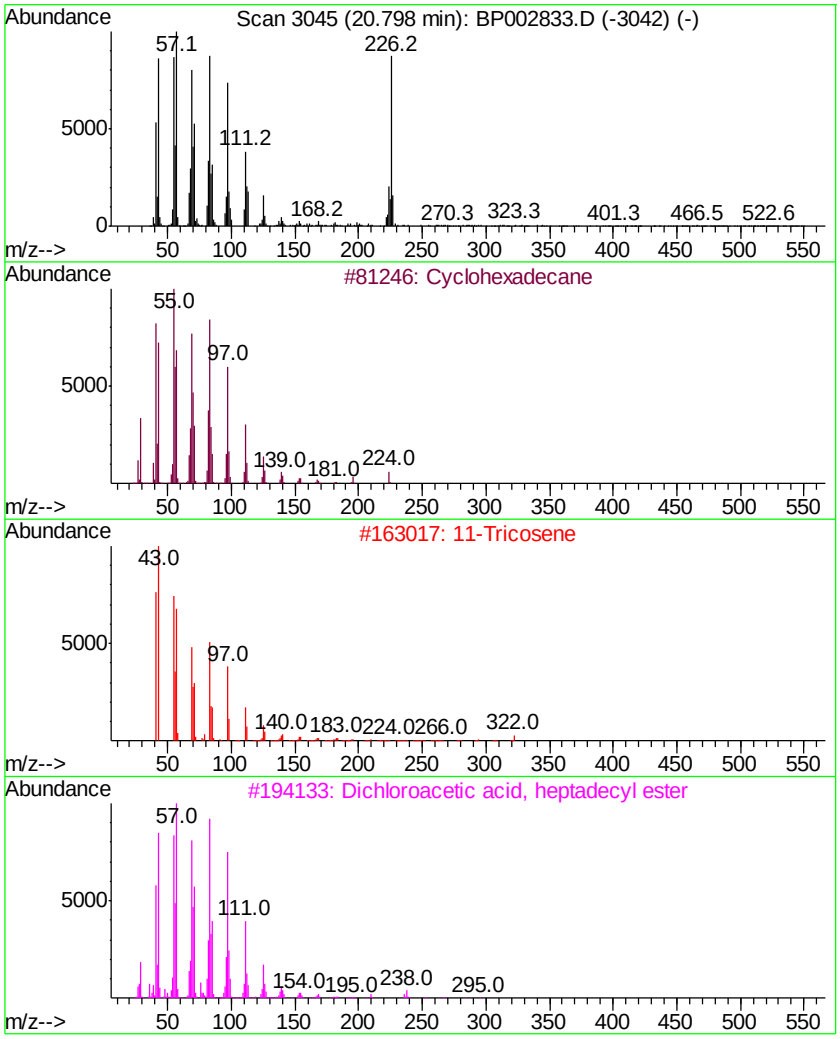
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

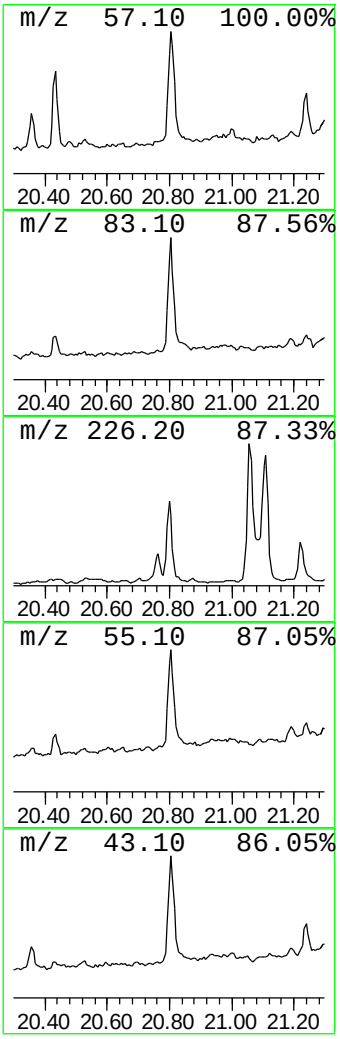
****

Peak Number 7 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.89 ng	546755	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	11-Tricosene	322	C23H46	052078-56-5	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	89
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072220\
Data File : BP002833.D
Acq On : 22 Jul 2020 19:49
Operator : CG/JU
Sample : L3186-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-072120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic acid...	17.66	3.7	ng	370498	4	16.96	1998580	20.0
4H-Cyclopenta[def...	18.03	3.0	ng	297391	4	16.96	1998580	20.0
unknown18.62	18.62	2.9	ng	289106	4	16.96	1998580	20.0
Phenanthrene, 2,5...	18.74	2.1	ng	208035	4	16.96	1998580	20.0
9,12-Octadecadien...	18.77	9.0	ng	895236	4	16.96	1998580	20.0
15-Octadecenoic a...	18.80	12.9	ng	1287340	4	16.96	1998580	20.0
Cyclohexadecane	20.80	4.9	ng	546755	5	21.07	2236180	20.0