LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

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_M\METHODS\8270-BM082120.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	5.234	376	382	392	rBV	906448	1250355	34.66%	4.615%
2	6.793	640	647	664	rBV	859217	1324779	36.73%	4.890%
3	7.616	779	787	795	rBV	261382	415915	11.53%	1.535%
4	8.757	971	981	990	rBV	566614	920203	25.51%	3.396%
5	10.381	1250	1257	1264	rBV	309212	513672	14.24%	1.896%
6	12.869	1673	1680	1687	rBV	1277295	1776724	49.26%	6.558%
7	13.710	1817	1823	1831	rBV	205844	278691	7.73%	1.029%
8	14.251	1908	1915	1921	rBV	501570	709916	19.68%	2.620%
9	15.739	2162	2168	2178	rBV	1268505	1679111	46.55%	6.197%
10	16.992	2376	2381	2385	rBV	670869	933896	25.89%	3.447%
11	17.033	2385	2388	2394	rVB	273757	355777	9.86%	1.313%
12	17.127	2400	2404	2408	rVB	48977	68821	1.91%	0.254%
13	17.392	2442	2449	2455	rBV2	19778	42616	1.18%	0.157%
14	17.868	2523	2530	2534	rBV	43021	67217	1.86%	0.248%
15	17.915	2534	2538	2545	rVB2	192416	257533	7.14%	0.951%
16	18.062	2557	2563	2567	rBV2	61913	117592	3.26%	0.434%
17	18.098	2567	2569	2576	rVB	38005	52009	1.44%	0.192%
18	18.374	2612	2616	2620	rBV	37869	55034	1.53%	0.203%
19	18.415	2620	2623	2630	rVB2	26303	45485	1.26%	0.168%
20	18.651	2655	2663	2665	rBV6	45772	79472	2.20%	0.293%
21	18.686	2665	2669	2674	rVB	105339	127640	3.54%	0.471%
22	18.792	2681	2687	2693	rBV2	41930	99625	2.76%	0.368%
23	18.862	2693	2699	2702	rBV4	27638	51023	1.41%	0.188%
24	18.933	2707	2711	2720	rVB4	31812	57882	1.60%	0.214%
25	19.057	2727	2732	2737	rBV	683703	887312	24.60%	3.275%
26	19.204	2753	2757	2762	rBV2	59297	81768	2.27%	0.302%
27	19.421	2785	2794	2802	rBV	659681	1051272	29.14%	3.880%
28	19.498	2803	2807	2812	rBV2	31524	47735	1.32%	0.176%
29	19.551	2812	2816	2820	rBV2	52956	62732	1.74%	0.232%
30	19.639	2821	2831	2841	rVB	2881201	3607149	100.00%	13.313%
31	19.751	2845	2850	2857	rBV4	51683	144650	4.01%	0.534%
32	19.886	2864	2873	2876	rBV6	57007	135141	3.75%	0.499%
33	19.921	2876	2879	2885	rVB	95375	141403	3.92%	0.522%
34	20.027	2893	2897	2900	rBV	46357	56006	1.55%	0.207%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

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_M\METHODS\8270-BM082120.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.080	2900	2906	2911	rBV2	105812	181722	5.04%	0.671%
36	20.221	2926	2930	2934	rBV	56527	72453	2.01%	0.267%
37	20.268	2934	2938	2947	rVV2	59135	106681	2.96%	0.394%
38	20.345	2948	2951	2957	rVV	49587	67578	1.87%	0.249%
39	20.498	2971	2977	2983	rBV9	43930	120610	3.34%	0.445%
40	20.556	2983	2987	2991	rVV	299503	350008	9.70%	1.292%
41	20.603	2993	2995	2999	rVV	54762	67079	1.86%	0.248%
42	20.668	3003	3006	3012	rVB2	89901	142907	3.96%	0.527%
43	20.839	3029	3035	3038	rBV2	67660	131031	3.63%	0.484%
44	20.880	3038	3042	3045	rBV	72481	88892	2.46%	0.328%
45	20.927	3045	3050	3055	rBV3	337924	506539	14.04%	1.870%
46	21.133	3082	3085	3088	rBV2	69397	82541	2.29%	0.305%
47	21.192	3088	3095	3098	rVV2	1586894	2573540	71.35%	9.498%
48	21.227	3098	3101	3110	rVB	500669	658936	18.27%	2.432%
49	21.345	3119	3121	3124	rBV	46769	49888	1.38%	0.184%
50	21.498	3144	3147	3153	rBV2	68708	115467	3.20%	0.426%
51	22.727	3351	3356	3361	rBV	462779	1051498	29.15%	3.881%
52	23.192	3430	3435	3442	rVB	294517	550656	15.27%	2.032%
53	23.280	3445	3450	3459	rBV	416540	769544	21.33%	2.840%
54	23.380	3461	3467	3472	rBV	1074064	1910527	52.97%	7.051%

Sum of corrected areas: 27094253

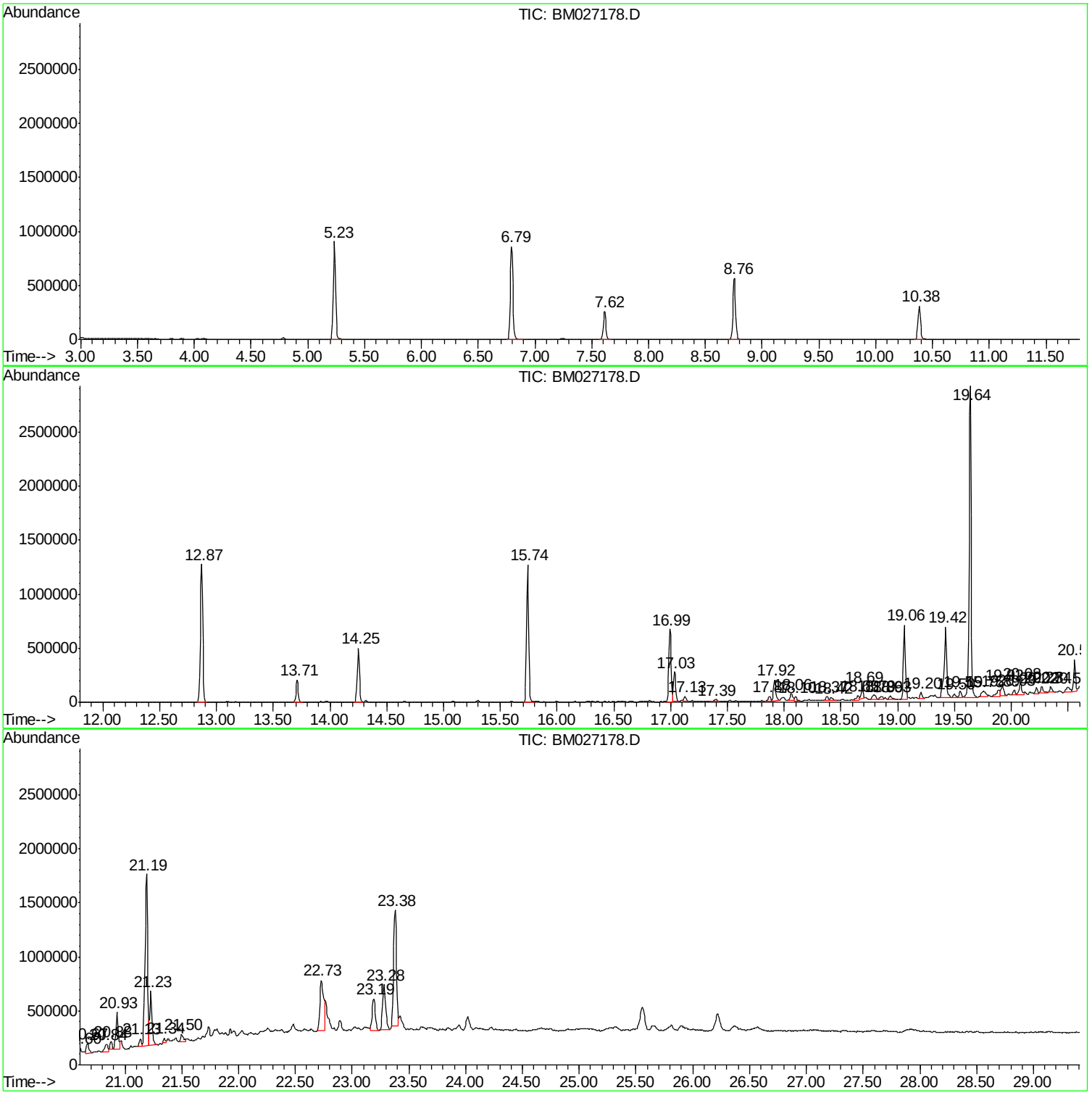
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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 M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

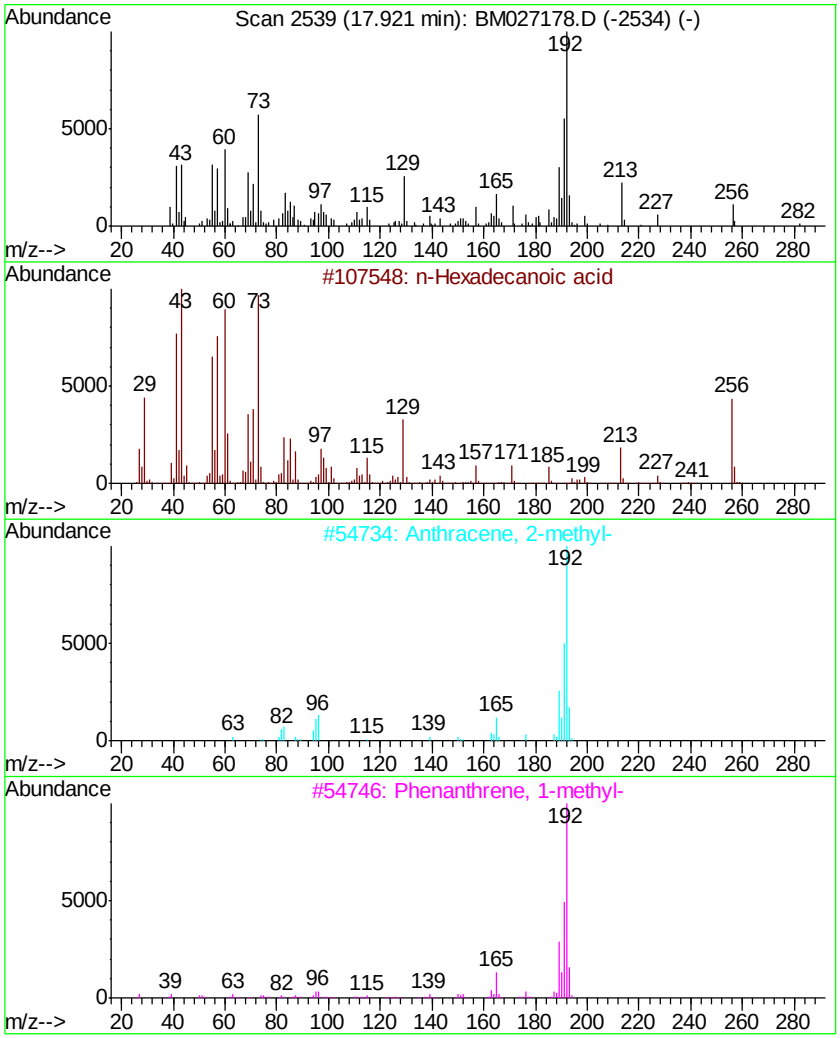
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

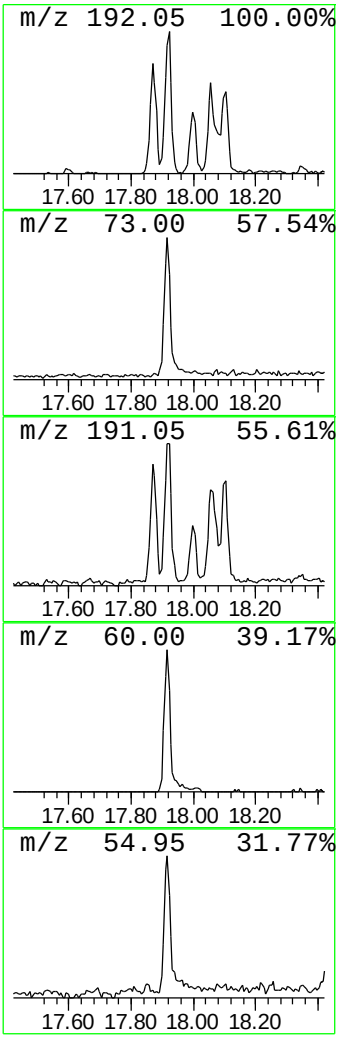
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.52 ng	257533	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	84
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

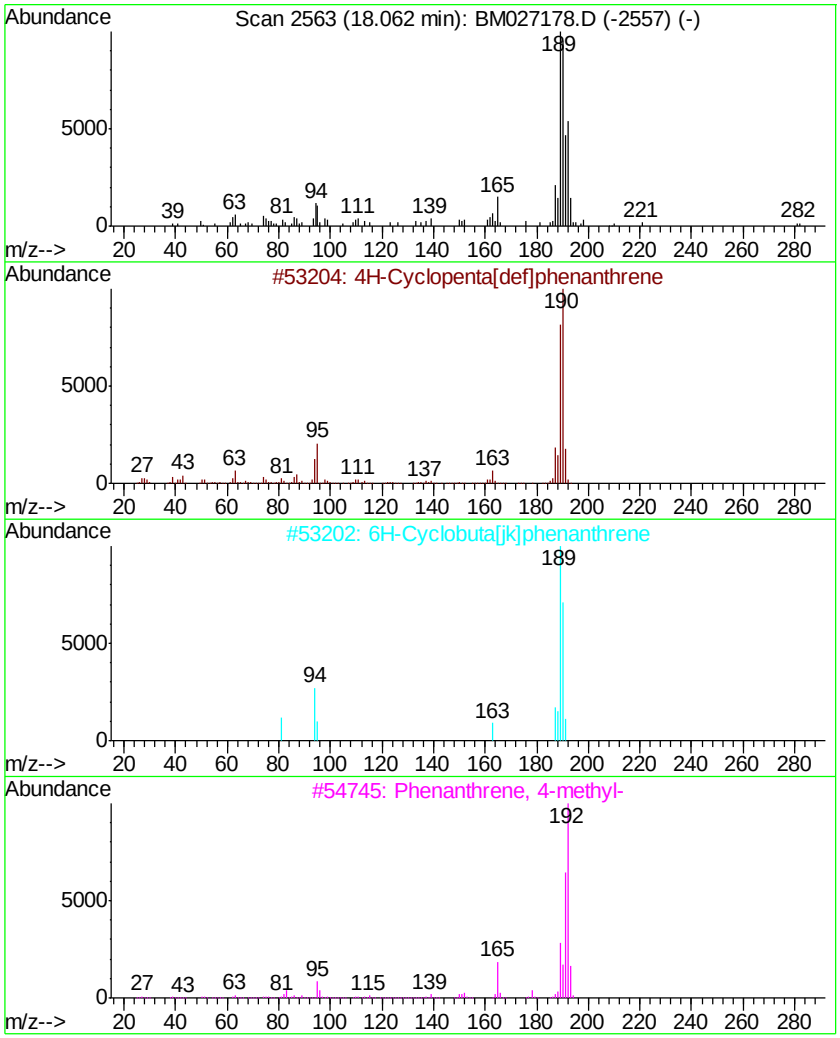
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

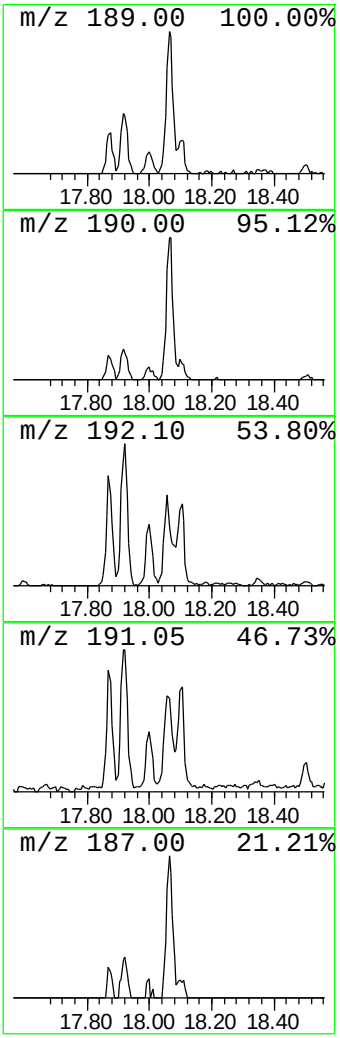
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.52 ng	117592	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

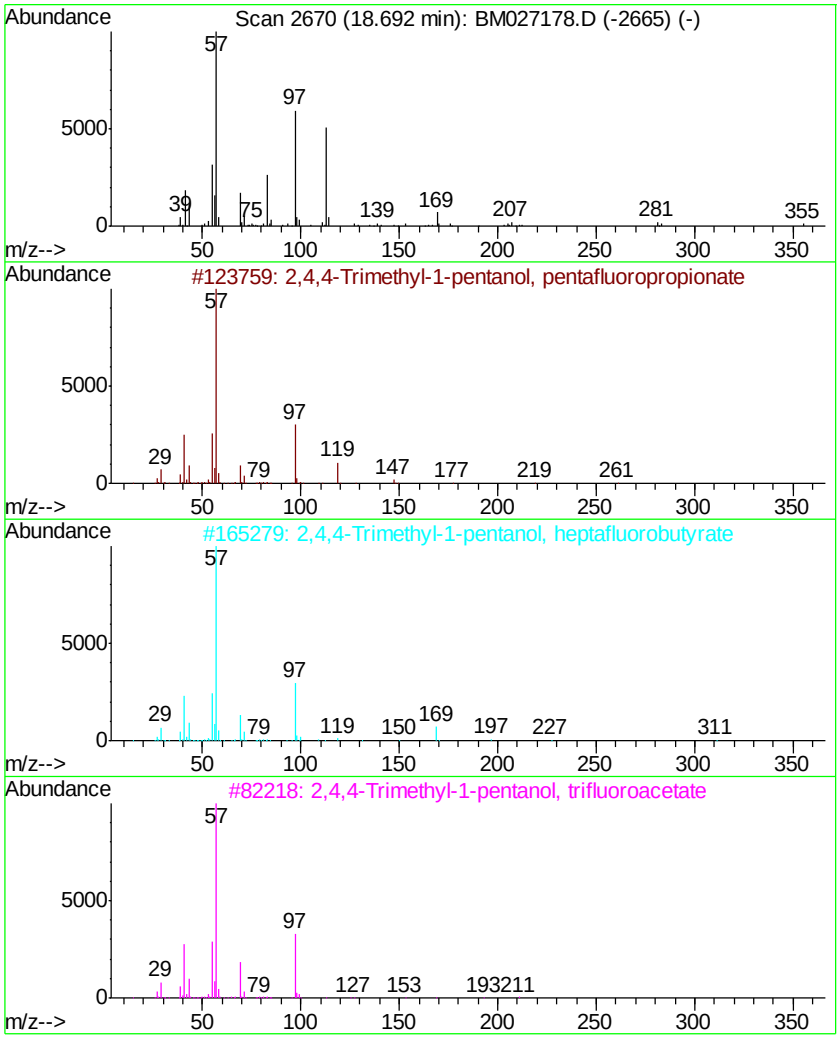
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

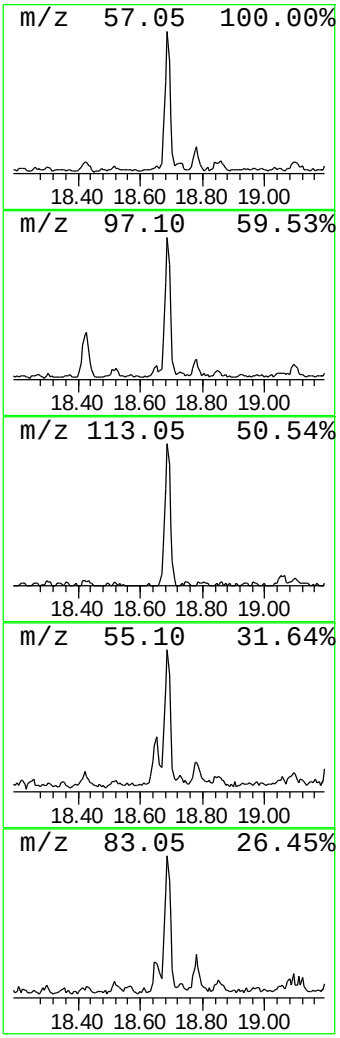
****

Peak Number 3 unknown18.69 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.73 ng	127640	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	35
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25
4	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	22
5	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

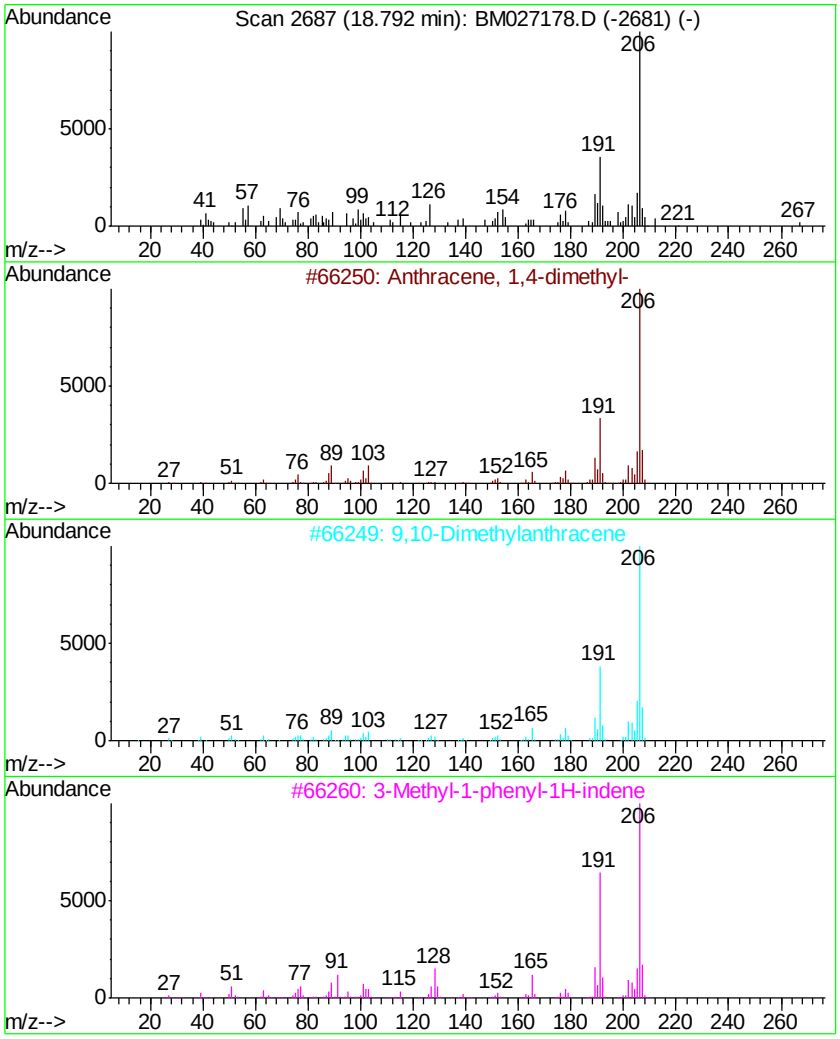
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

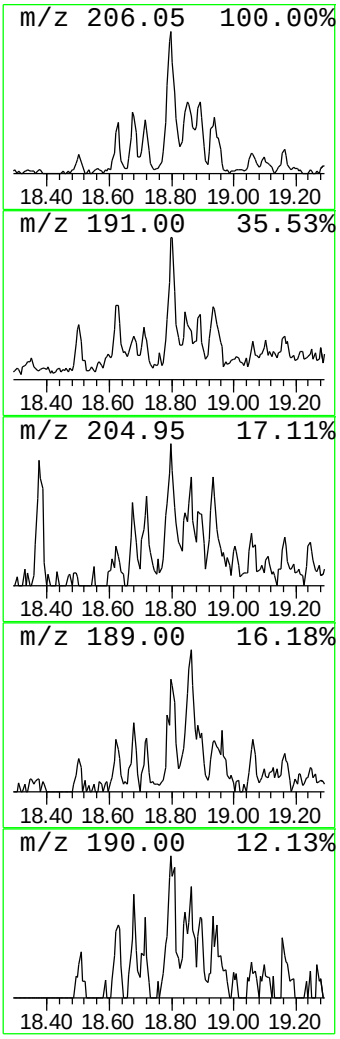
****

Peak Number 4 Anthracene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.13 ng	99625	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

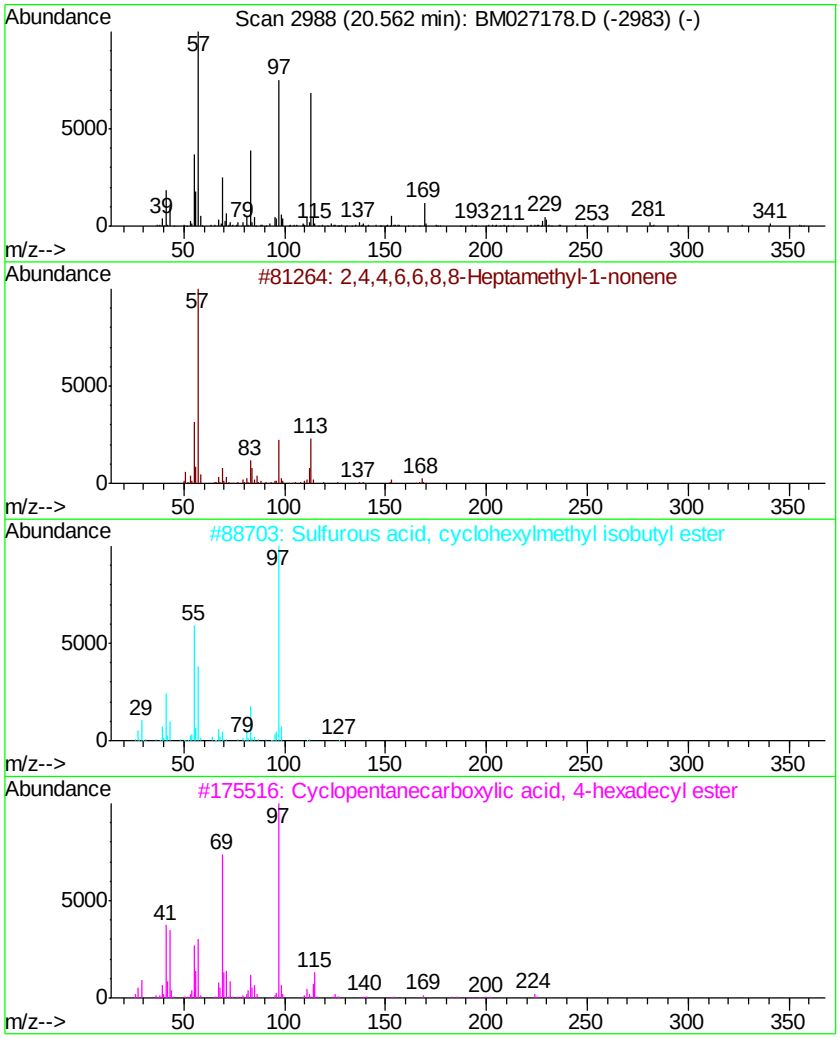
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

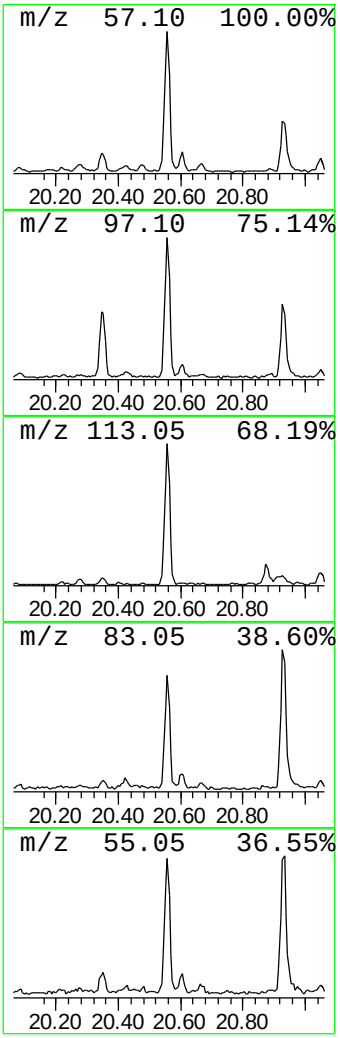
****

Peak Number 5 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.72 ng	350008	Chrysene-d12	21.19

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	72
2	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	22
3	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	22
4	Ribitol, 1,3:4,5-di-O-(ethylbora...	212	C9H18B2O4	1000149-52-8	16
5	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	16





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Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

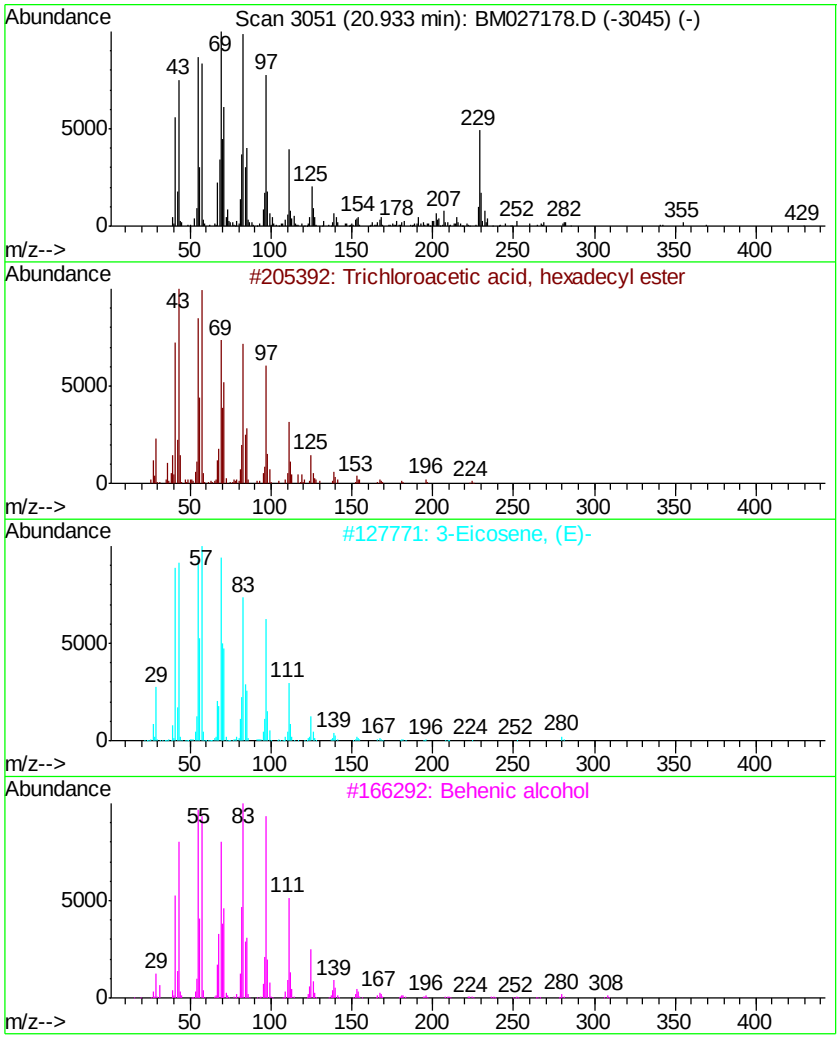
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

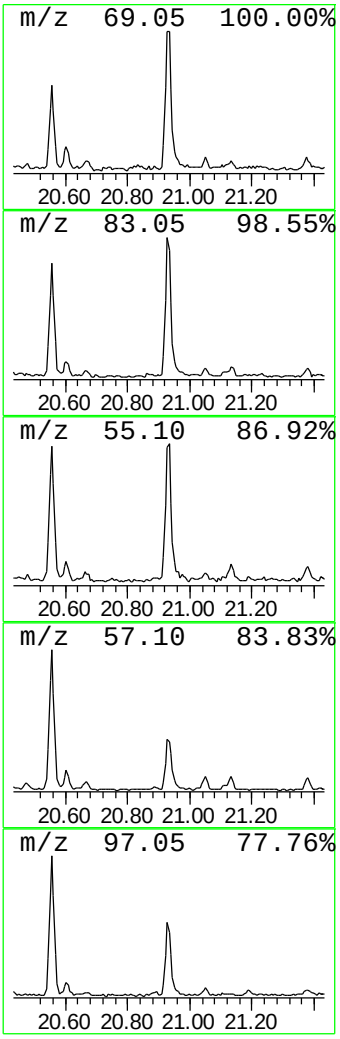
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.94 ng	506539	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
3	Behenic alcohol	326	C22H46O	000661-19-8	64
4	1-Heneicosanol	312	C21H44O	015594-90-8	64
5	Cyclotetracosane	336	C24H48	000297-03-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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
n-Hexadecanoic acid	17.92	5.5	ng	257533	4	16.99	933896	20.0
4H-Cyclopenta[def...	18.06	2.5	ng	117592	4	16.99	933896	20.0
unknown18.69	18.69	2.7	ng	127640	4	16.99	933896	20.0
Anthracene, 1,4-d...	18.79	2.1	ng	99625	4	16.99	933896	20.0
2,4,4,6,6,8,8-Hep...	20.56	2.7	ng	350008	5	21.19	2573540	20.0
Trichloroacetic a...	20.93	3.9	ng	506539	5	21.19	2573540	20.0