LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

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_G\METHODS\8270-BG041520.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	3.124	3	6	12	rVB2	32418	49405	3.36%	0.316%
2	3.194	16	18	25	rVB3	12321	16416	1.11%	0.105%
3	4.210	184	191	195	rBV5	7053	14924	1.01%	0.096%
4	5.591	419	426	434	rBV	191421	313998	21.33%	2.010%
5	7.177	689	696	706	rBV	220479	401584	27.27%	2.571%
6	8.023	833	840	850	rVB	269084	454241	30.85%	2.908%
7	8.346	889	895	903	rVB	205295	354805	24.10%	2.272%
8	9.174	1027	1036	1045	rVB	150660	286546	19.46%	1.835%
9	10.831	1309	1318	1325	rBV	388319	713673	48.47%	4.570%
10	12.493	1594	1601	1607	rBV4	8704	17189	1.17%	0.110%
11	13.280	1727	1735	1743	rVB	522661	831225	56.45%	5.322%
12	13.980	1849	1854	1859	rBV3	14475	23739	1.61%	0.152%
13	14.103	1870	1875	1879	rBV2	57826	85861	5.83%	0.550%
14	14.379	1917	1922	1926	rBV3	11796	19333	1.31%	0.124%
15	14.655	1958	1969	1976	rBV	682625	1113768	75.64%	7.131%
16	14.720	1976	1980	1986	rVB2	57715	91667	6.23%	0.587%
17	14.966	2015	2022	2027	rBV4	9806	17215	1.17%	0.110%
18	15.055	2032	2037	2042	rBV	36609	59207	4.02%	0.379%
19	15.278	2067	2075	2080	rBV10	12620	27580	1.87%	0.177%
20	15.331	2080	2084	2089	rVB6	13120	19030	1.29%	0.122%
21	15.701	2139	2147	2158	rBV2	72332	130692	8.88%	0.837%
22	15.795	2158	2163	2165	rBV6	10434	14800	1.01%	0.095%
23	15.859	2172	2174	2181	rVB7	12597	20420	1.39%	0.131%
24	16.000	2194	2198	2202	rVB2	26781	37960	2.58%	0.243%
25	16.141	2216	2222	2231	rBV2	386671	613152	41.64%	3.926%
26	16.376	2260	2262	2269	rVB8	10858	17764	1.21%	0.114%
27	16.711	2316	2319	2324	rVB5	21215	30402	2.06%	0.195%
28	16.758	2324	2327	2331	rVB5	14563	18496	1.26%	0.118%
29	16.864	2341	2345	2349	rVB6	14765	24137	1.64%	0.155%
30	16.940	2355	2358	2362	rBV5	13592	17252	1.17%	0.110%
31	17.058	2373	2378	2382	rVB4	15515	28314	1.92%	0.181%
32	17.134	2386	2391	2392	rBV4	17138	24653	1.67%	0.158%
33	17.222	2401	2406	2413	rVB2	37675	67414	4.58%	0.432%
34	17.404	2430	2437	2440	rBV	780843	1230086	83.54%	7.876%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

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_G\METHODS\8270-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.445	2440	2444	2450	rVV	659013	975063	66.22%	6.243%
36	17.504	2450	2454	2455	rVV3	16482	22353	1.52%	0.143%
37	17.534	2455	2459	2464	rVV	166365	241142	16.38%	1.544%
38	17.592	2464	2469	2475	rVB3	25106	44490	3.02%	0.285%
39	17.798	2495	2504	2509	rBV2	53683	126041	8.56%	0.807%
40	17.845	2509	2512	2516	rVV5	10285	18666	1.27%	0.120%
41	17.921	2522	2525	2528	rVB5	20644	25226	1.71%	0.162%
42	18.280	2582	2586	2590	rBV	76950	124910	8.48%	0.800%
43	18.327	2590	2594	2601	rVB	115824	181330	12.32%	1.161%
44	18.409	2604	2608	2613	rVB2	51351	75131	5.10%	0.481%
45	18.473	2614	2619	2624	rBV3	125604	257168	17.47%	1.647%
46	18.773	2666	2670	2674	rBV	65465	100884	6.85%	0.646%
47	19.190	2737	2741	2745	rBV3	54461	84826	5.76%	0.543%
48	19.449	2780	2785	2792	rVB	833521	1215883	82.58%	7.785%
49	19.813	2838	2847	2855	rBV	658961	1233265	83.76%	7.896%
50	20.013	2876	2881	2885	rBV	643496	840774	57.10%	5.383%
51	20.300	2928	2930	2934	rVB	105663	111871	7.60%	0.716%
52	21.663	3155	3162	3167	rBV2	649108	1472401	100.00%	9.427%
53	21.710	3167	3170	3179	rVB	270772	480503	32.63%	3.077%
54	24.847	3699	3704	3714	rVB2	319221	799277	54.28%	5.118%

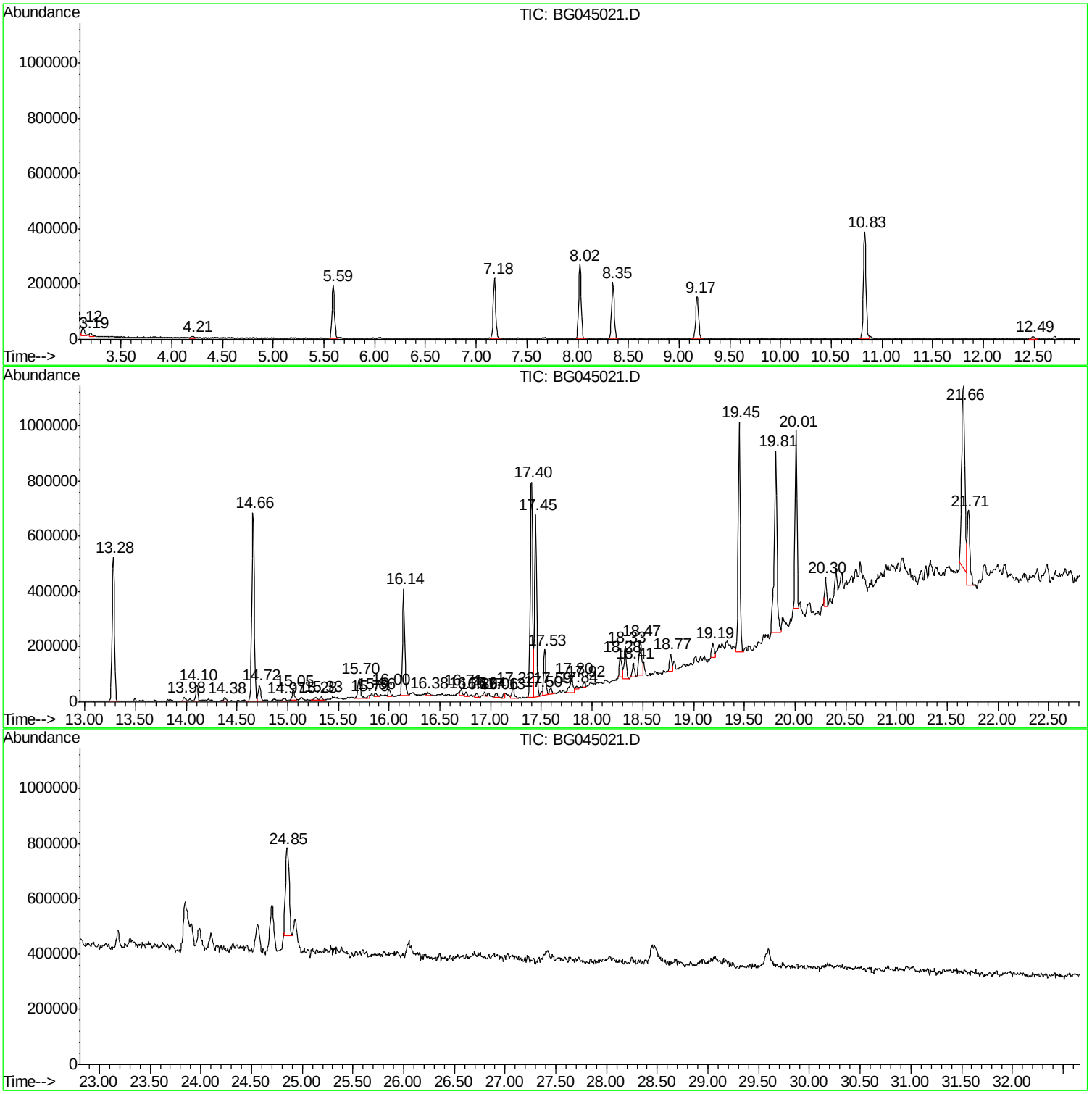
Sum of corrected areas: 15618152

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

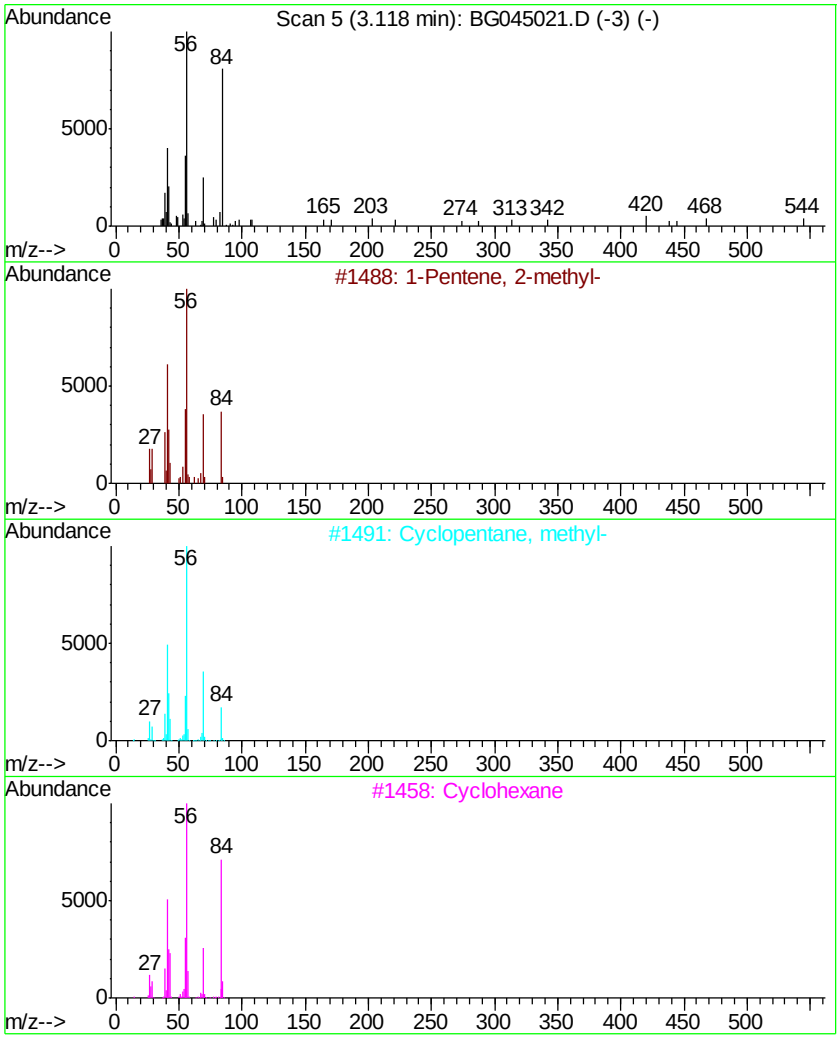
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

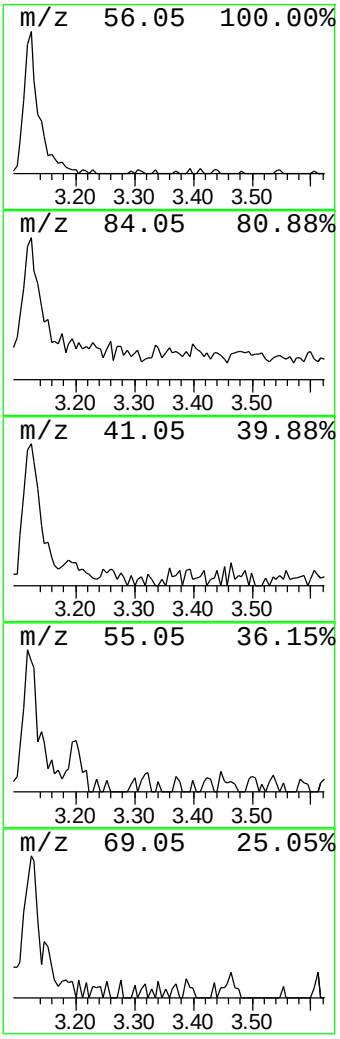
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	2.18 ng	49405	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	43
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

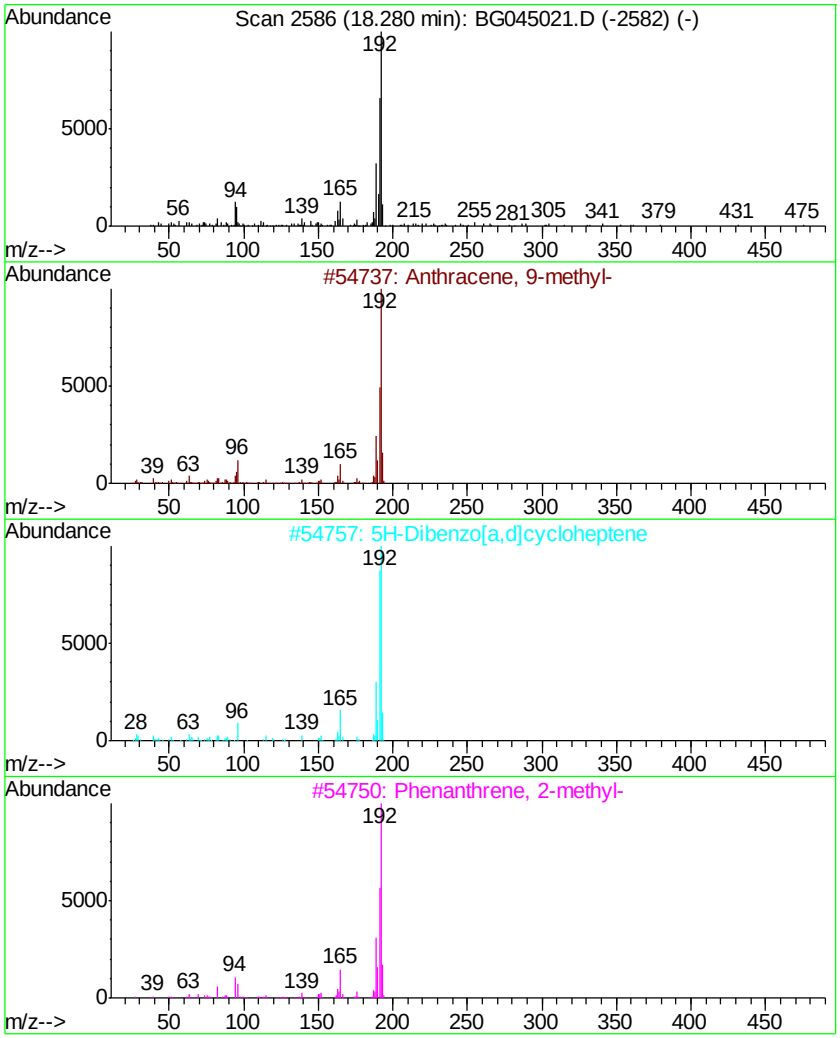
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

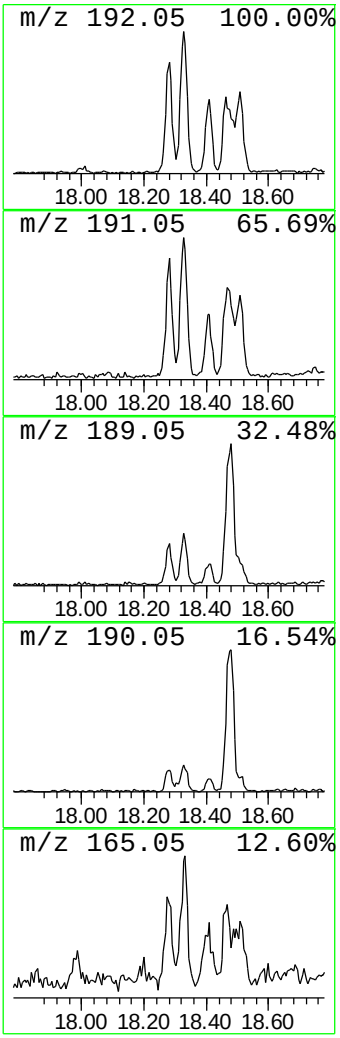
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.03 ng	124910	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

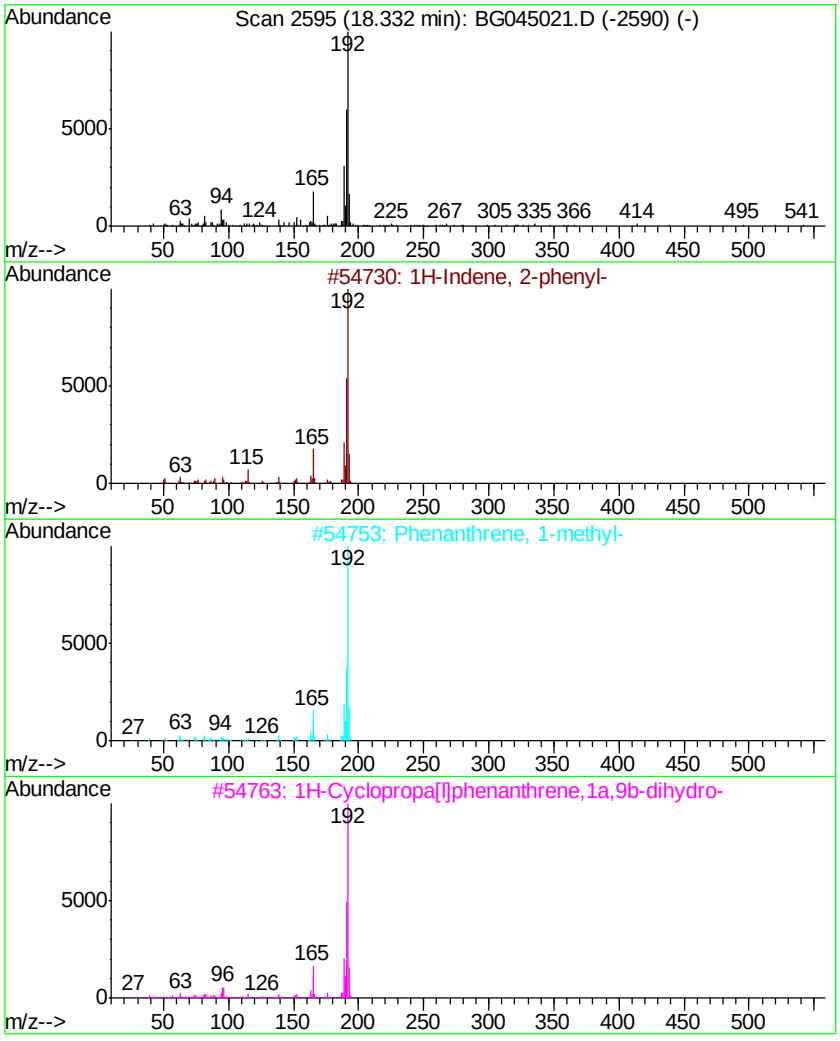
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

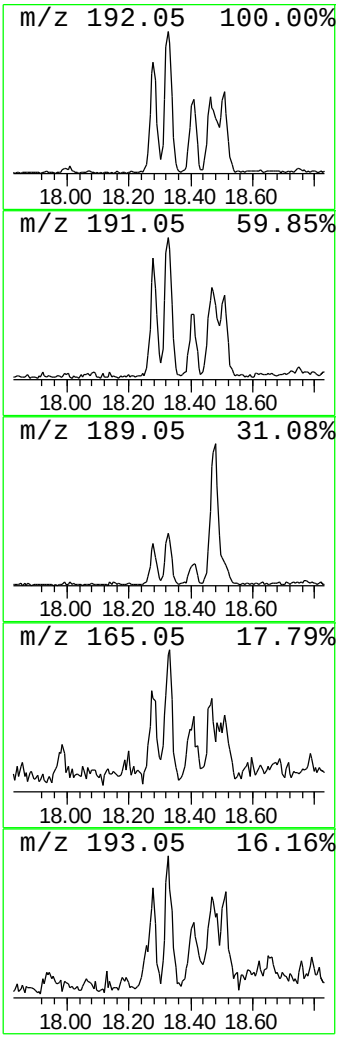
****

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.95 ng	181330	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

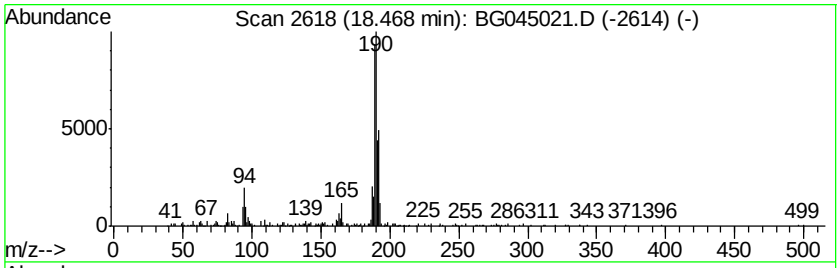
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

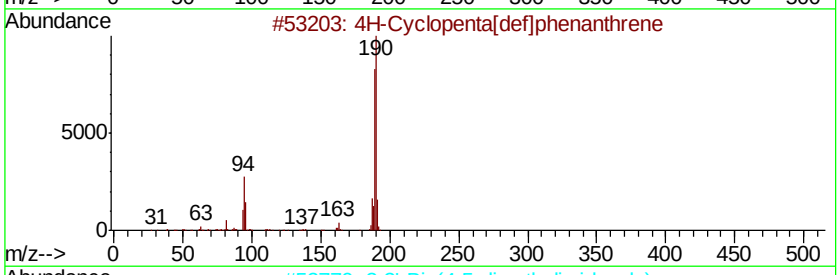
****

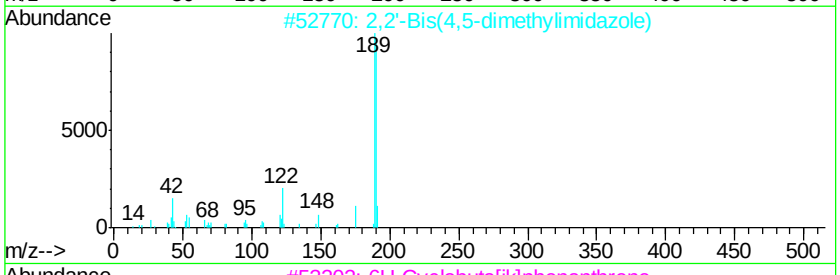
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

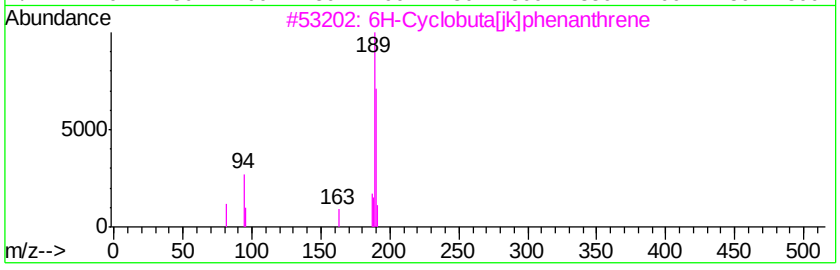
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.18 ng	257168	Phenanthrene-d10	17.40

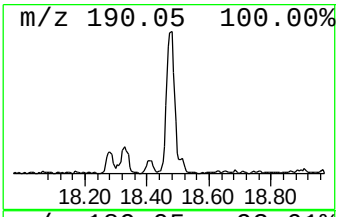
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	46
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	27

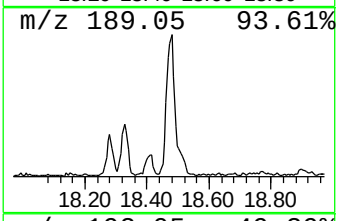


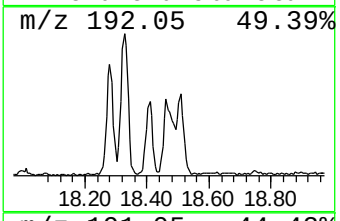


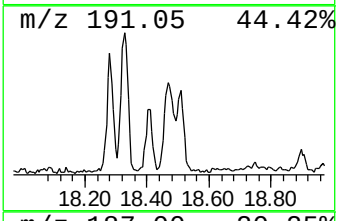


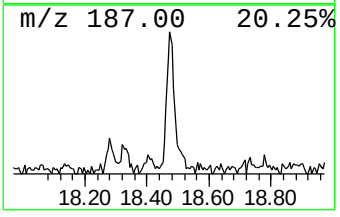












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041620\
Data File : BG045021.D
Acq On : 17 Apr 2020 00:49
Operator : CG/JU
Sample : L2230-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
1-Pentene, 2-methyl-	3.12	2.2	ng	49405	1	8.02	454241	20.0
Anthracene, 9-met...	18.28	2.0	ng	124910	4	17.40	1230090	20.0
1H-Indene, 2-phenyl-	18.33	3.0	ng	181330	4	17.40	1230090	20.0
4H-Cyclopenta[def...	18.47	4.2	ng	257168	4	17.40	1230090	20.0