LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

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-BM070820.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	4.925	365	372	384	rBV	496146	732717	33.11%	3.135%
2	6.496	629	639	653	rBV	473387	772920	34.93%	3.307%
3	7.278	766	772	782	rBV	452168	679305	30.70%	2.907%
4	8.425	961	967	976	rBV	280565	475084	21.47%	2.033%
5	8.507	977	981	987	rVB3	18371	30054	1.36%	0.129%
6	10.031	1230	1240	1246	rBV	558634	920897	41.62%	3.940%
7	10.084	1246	1249	1258	rVB	29119	50880	2.30%	0.218%
8	11.084	1413	1419	1425	rBV	25188	47260	2.14%	0.202%
9	11.495	1484	1489	1497	rVB2	40566	58708	2.65%	0.251%
10	11.578	1497	1503	1511	rBV9	9831	26753	1.21%	0.114%
11	11.713	1521	1526	1533	rVB3	27622	50345	2.28%	0.215%
12	11.936	1558	1564	1568	rBV	19908	33478	1.51%	0.143%
13	12.483	1652	1657	1662	rBV2	28697	45935	2.08%	0.197%
14	12.548	1662	1668	1677	rVB	666827	951323	42.99%	4.070%
15	12.701	1689	1694	1698	rBV5	18931	27928	1.26%	0.119%
16	12.783	1698	1708	1714	rVV2	51997	95155	4.30%	0.407%
17	12.872	1718	1723	1729	rVB6	15406	30890	1.40%	0.132%
18	13.101	1755	1762	1764	rBV5	18871	32511	1.47%	0.139%
19	13.260	1785	1789	1794	rBV2	27183	38388	1.73%	0.164%
20	13.319	1794	1799	1802	rBV2	19573	31069	1.40%	0.133%
21	13.425	1811	1817	1821	rBV	193543	275333	12.44%	1.178%
22	13.460	1821	1823	1826	rVV2	33191	36343	1.64%	0.155%
23	13.501	1826	1830	1833	rVB2	16319	23113	1.04%	0.099%
24	13.666	1853	1858	1864	rVB3	42795	73083	3.30%	0.313%
25	13.883	1891	1895	1900	rBV	54664	67078	3.03%	0.287%
26	13.948	1900	1906	1912	rVV	767756	1084216	49.00%	4.639%
27	14.013	1912	1917	1926	rVB	52021	97180	4.39%	0.416%
28	14.360	1968	1976	1980	rBV2	44875	84152	3.80%	0.360%
29	14.442	1986	1990	1995	rVB3	21190	28377	1.28%	0.121%
30	14.513	1998	2002	2006	rVB5	17838	25232	1.14%	0.108%
31	14.583	2009	2014	2021	rBV4	25031	44580	2.01%	0.191%
32	14.748	2037	2042	2046	rBV7	17931	31361	1.42%	0.134%
33	14.848	2055	2059	2063	rVB2	56312	69398	3.14%	0.297%
34	15.013	2082	2087	2093	rBV2	61723	95398	4.31%	0.408%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

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-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.266	2121	2130	2134	rVB	32247	62621	2.83%	0.268%
36	15.307	2134	2137	2141	rBV3	16328	27654	1.25%	0.118%
37	15.460	2158	2163	2172	rVB	558360	761742	34.42%	3.259%
38	15.719	2201	2207	2209	rBV2	63009	95103	4.30%	0.407%
39	15.742	2209	2211	2216	rVB	57752	68152	3.08%	0.292%
40	16.030	2254	2260	2264	rBV5	14242	25178	1.14%	0.108%
41	16.077	2264	2268	2273	rVB6	19039	35645	1.61%	0.153%
42	16.295	2302	2305	2309	rVB5	19997	25497	1.15%	0.109%
43	16.377	2315	2319	2326	rVB3	24912	35845	1.62%	0.153%
44	16.460	2329	2333	2337	rBV7	20625	35710	1.61%	0.153%
45	16.519	2338	2343	2348	rVV3	66771	123289	5.57%	0.528%
46	16.566	2348	2351	2355	rVB2	40754	54709	2.47%	0.234%
47	16.713	2371	2376	2380	rBV	902020	1201901	54.32%	5.143%
48	16.754	2380	2383	2389	rVB	545899	690227	31.19%	2.953%
49	16.842	2394	2398	2403	rVB	168932	227798	10.29%	0.975%
50	16.913	2407	2410	2414	rBV3	20278	32978	1.49%	0.141%
51	17.130	2443	2447	2451	rVB	37628	46611	2.11%	0.199%
52	17.248	2463	2467	2471	rBV2	56546	73842	3.34%	0.316%
53	17.589	2521	2525	2529	rBV	79825	108307	4.89%	0.463%
54	17.642	2529	2534	2542	rVV2	120870	194303	8.78%	0.831%
55	17.718	2543	2547	2551	rVV	51007	67574	3.05%	0.289%
56	17.783	2553	2558	2562	rVV2	145783	254247	11.49%	1.088%
57	17.818	2562	2564	2574	rVB	62984	88121	3.98%	0.377%
58	17.948	2582	2586	2590	rBV	54875	64855	2.93%	0.277%
59	17.989	2591	2593	2597	rVV5	20053	24446	1.10%	0.105%
60	18.101	2608	2612	2616	rBV	59742	80713	3.65%	0.345%
61	18.148	2617	2620	2626	rVB4	44412	66535	3.01%	0.285%
62	18.407	2660	2664	2668	rBV4	40939	63352	2.86%	0.271%
63	18.524	2680	2684	2688	rBV	84334	124047	5.61%	0.531%
64	18.589	2693	2695	2699	rVB2	65798	77036	3.48%	0.330%
65	18.671	2705	2709	2715	rBV3	43808	71398	3.23%	0.305%
66	18.789	2724	2729	2737	rVB	1062771	1338983	60.51%	5.729%
67	19.154	2783	2791	2795	rBV	951224	1427126	64.49%	6.106%
68	19.348	2821	2824	2825	rBV2	44203	51800	2.34%	0.222%
69	19.377	2825	2829	2840	rVB	1156848	1487771	67.23%	6.366%
70	19.665	2875	2878	2881	rVB	121632	141774	6.41%	0.607%
71	19.724	2886	2888	2891	rBV	50940	50565	2.29%	0.216%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

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-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.765	2892	2895	2899	rVB	99684	118543	5.36%	0.507%
73	20.689	3049	3052	3056	rVB4	194728	226173	10.22%	0.968%
74	20.942	3089	3095	3098	rBV2	1358816	2212803	100.00%	9.468%
75	20.977	3098	3101	3105	rVB	496923	557580	25.20%	2.386%
76	22.406	3341	3344	3360	rVB2	500767	1511313	68.30%	6.466%
77	22.918	3428	3431	3439	rVB2	469253	853225	38.56%	3.651%
78	23.006	3442	3446	3451	rVB2	861779	1318192	59.57%	5.640%

Sum of corrected areas: 23371728

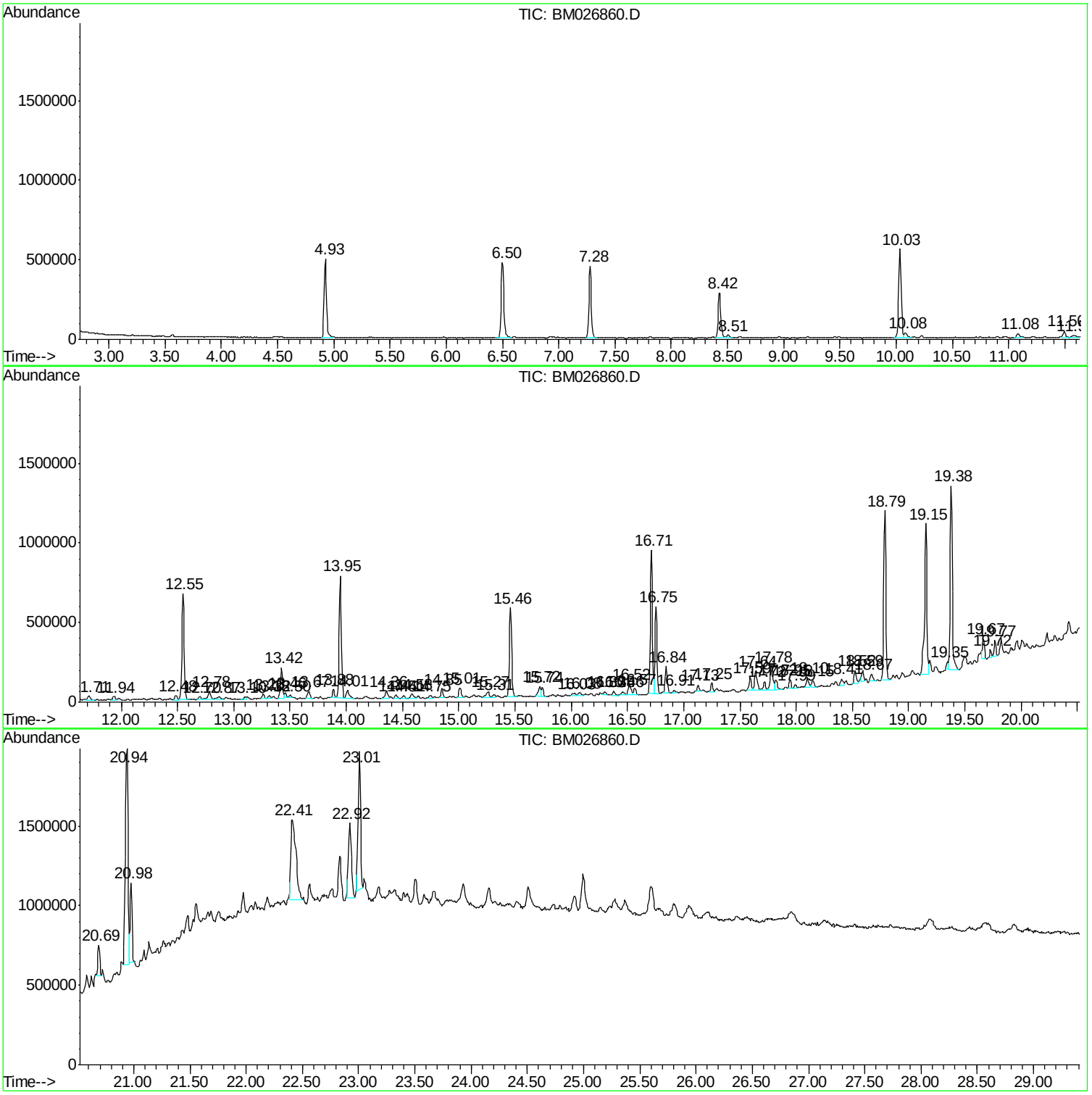
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

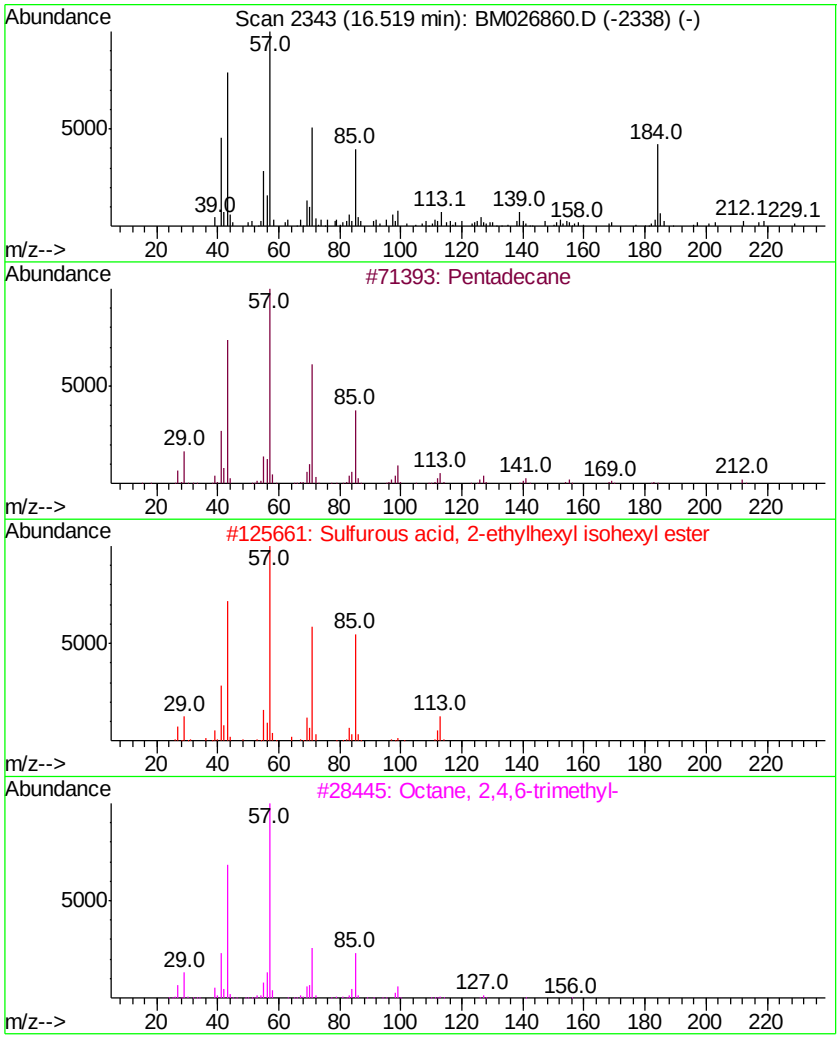
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

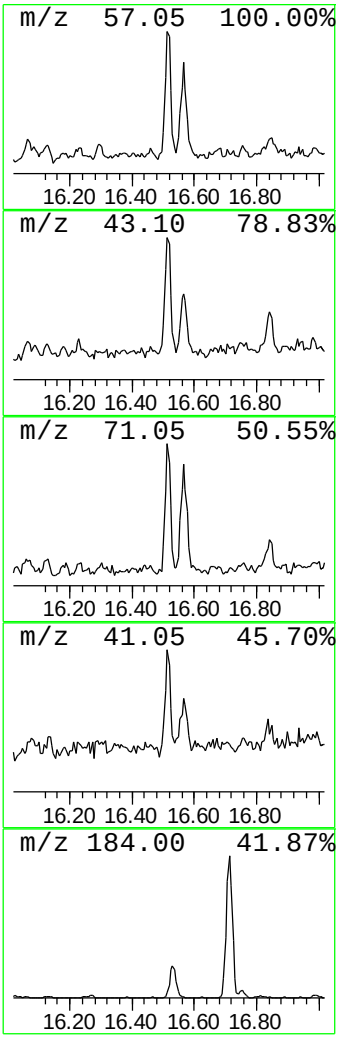
****

Peak Number 1 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.05 ng	123289	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	53
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	49
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	49
4	Nonadecane	268	C19H40	000629-92-5	46
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

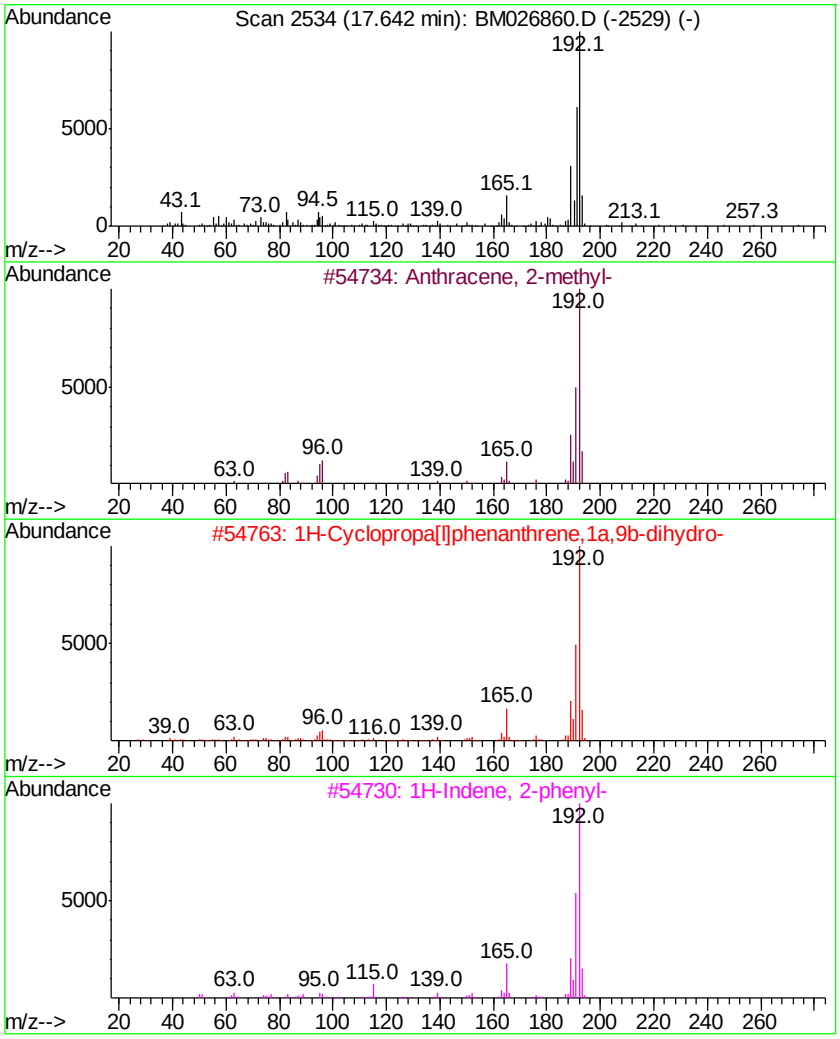
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

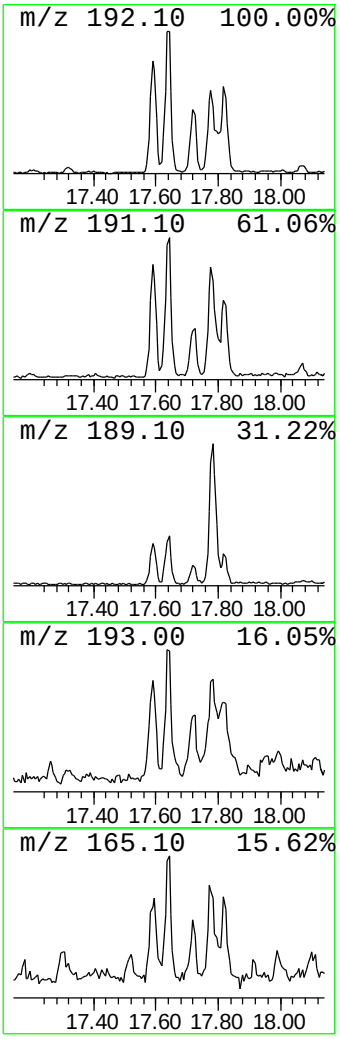
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	3.23 ng	194303	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

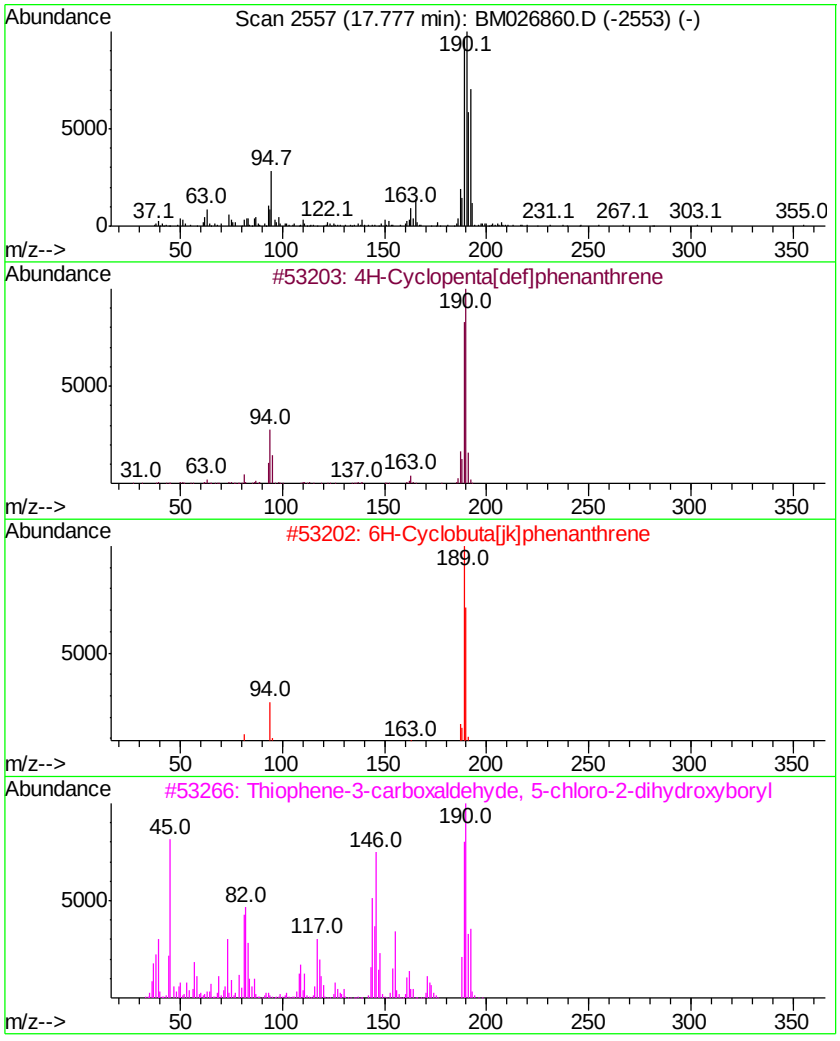
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

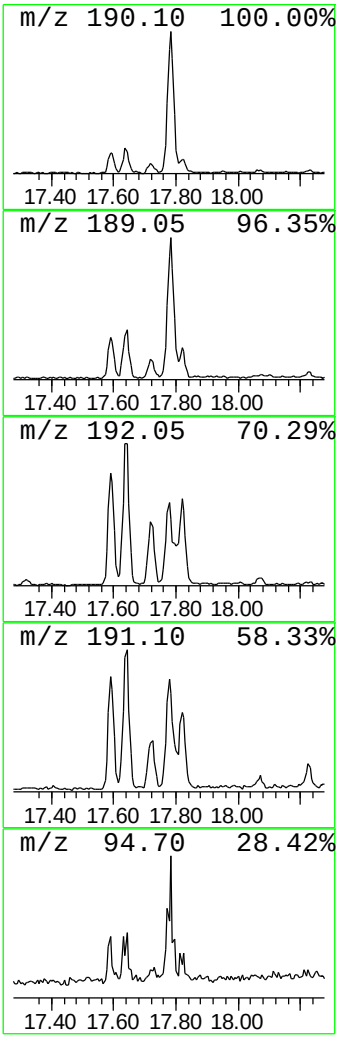
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	4.23 ng	254247	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	46
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
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Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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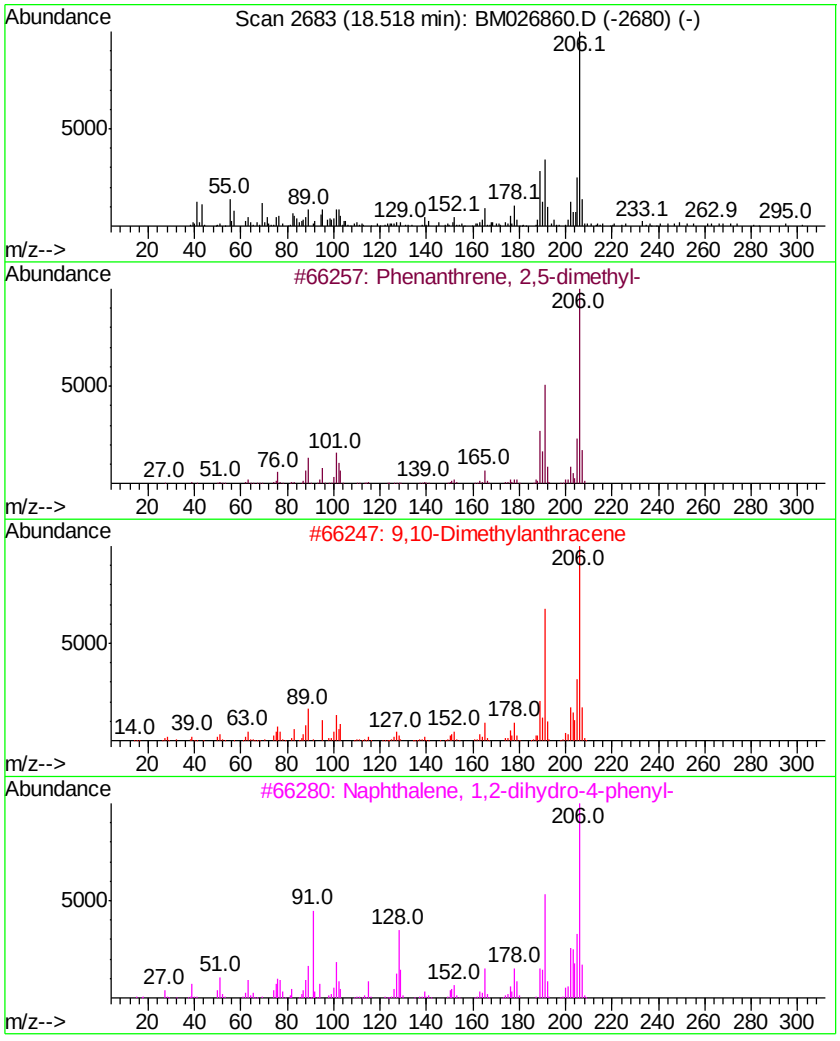
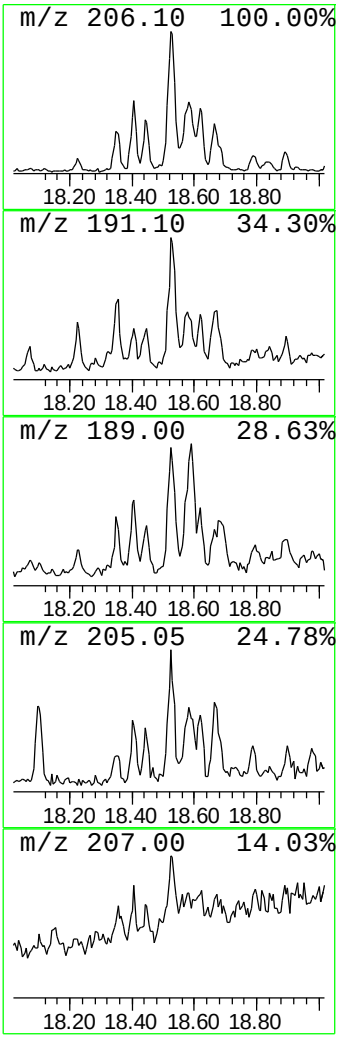
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.06 ng	124047	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Library Search Compound Report

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Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

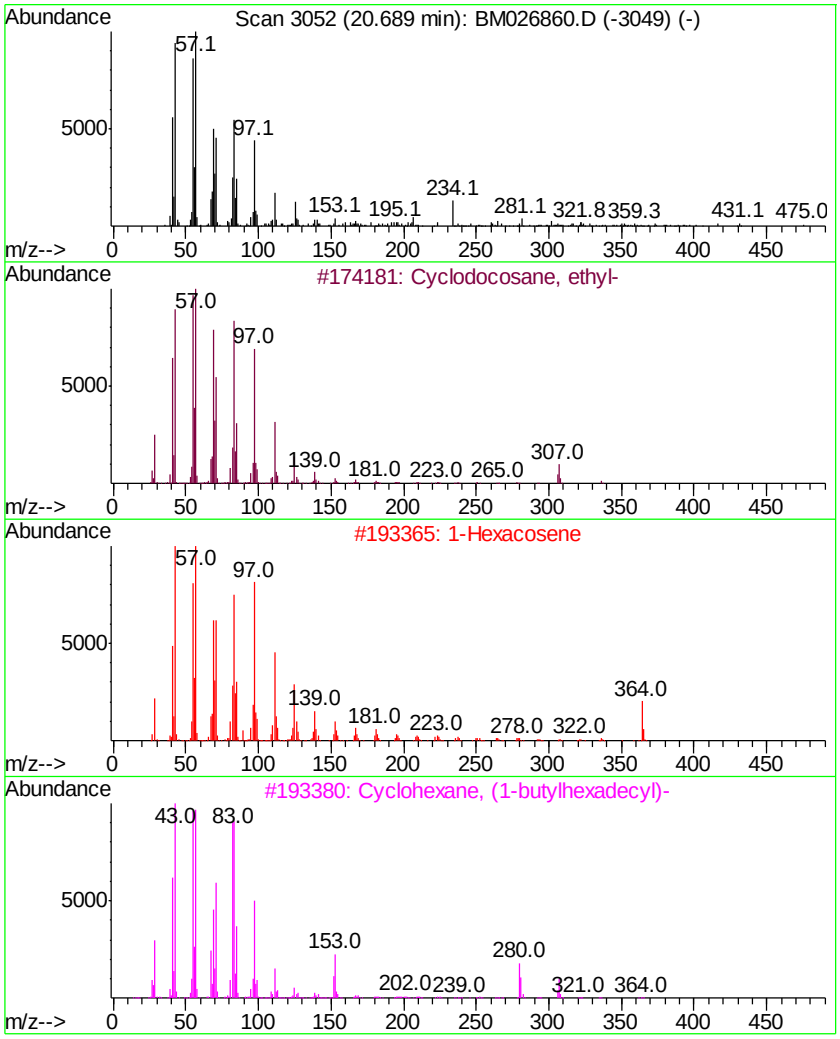
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

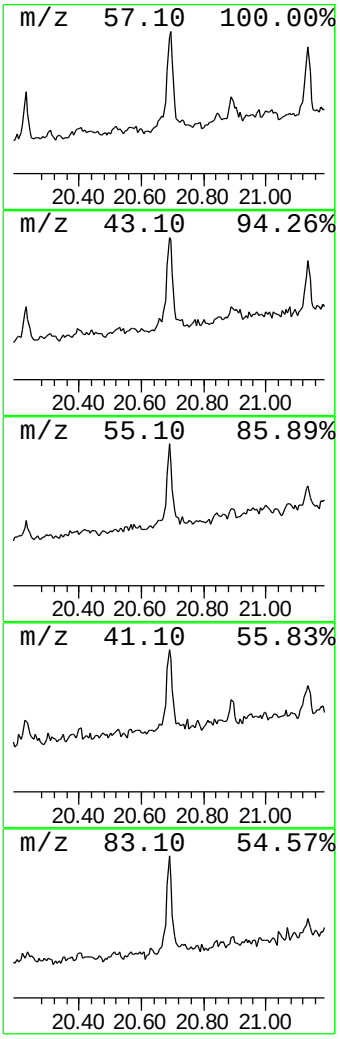
****

Peak Number 5 Cyclodocosane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.04 ng	226173	Chrysene-d12	20.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	Cyclohexane, (1-butylhexadecyl)-	364	C26H52	004443-59-8	86
4	11-Tricosene	322	C23H46	052078-56-5	86
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 347-GRID-B1-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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
Pentadecane	16.52	2.0	ng	123289	4	16.71	1201900	20.0
Anthracene, 2-met...	17.64	3.2	ng	194303	4	16.71	1201900	20.0
4H-Cyclopenta[def...	17.78	4.2	ng	254247	4	16.71	1201900	20.0
Phenanthrene, 2,5...	18.52	2.1	ng	124047	4	16.71	1201900	20.0
Cyclodocosane, et...	20.69	2.0	ng	226173	5	20.94	2212800	20.0