LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018366.D
Acq On : 10 Aug 2015 22:50
Operator : UM/MA
Sample : G3109-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.137	46	51	54	rBV4	27980	50725	1.93%	0.336%
2	3.260	69	72	75	rBV5	10251	14451	0.55%	0.096%
3	3.472	107	108	111	rBV3	4461	4989	0.19%	0.033%
4	3.818	163	167	174	rBV2	22007	36714	1.39%	0.243%
5	3.901	178	181	182	rBV2	4053	4950	0.19%	0.033%
6	3.995	194	197	205	rVB3	26630	39808	1.51%	0.263%
7	4.147	220	223	226	rBV4	4236	5026	0.19%	0.033%
8	4.288	242	247	248	rBV4	4224	5788	0.22%	0.038%
9	4.424	268	270	273	rVB3	5743	5405	0.21%	0.036%
10	4.782	328	331	335	rVB5	6275	5869	0.22%	0.039%
11	4.899	350	351	354	rBV3	3979	4601	0.17%	0.030%
12	5.035	371	374	375	rBV3	4721	4807	0.18%	0.032%
13	5.181	395	399	402	rBV6	3705	5424	0.21%	0.036%
14	5.229	404	407	411	rVB4	7859	10399	0.40%	0.069%
15	5.563	460	464	467	rVB5	4134	5422	0.21%	0.036%
16	6.045	541	546	548	rBV6	7083	8666	0.33%	0.057%
17	6.333	592	595	598	rVB3	4733	5610	0.21%	0.037%
18	6.433	610	612	614	rBV3	4603	5519	0.21%	0.037%
19	6.462	616	617	621	rVB4	4521	5307	0.20%	0.035%
20	6.509	621	625	627	rBV4	6225	9543	0.36%	0.063%
21	6.715	659	660	664	rBV4	4085	4703	0.18%	0.031%
22	7.197	736	742	749	rVB	45986	82736	3.14%	0.547%
23	7.361	765	770	775	rBV	36299	62108	2.36%	0.411%
24	7.438	781	783	790	rVB6	3656	6306	0.24%	0.042%
25	7.573	799	806	812	rBV2	43225	80324	3.05%	0.532%
26	7.684	821	825	828	rBV6	4588	7095	0.27%	0.047%
27	8.037	878	885	894	rBV	419627	696504	26.46%	4.609%
28	8.149	901	904	906	rBV3	6739	7402	0.28%	0.049%
29	8.272	923	925	927	rBV3	5188	4827	0.18%	0.032%
30	8.407	944	948	949	rBV4	4862	5446	0.21%	0.036%
31	8.625	983	985	988	rVB4	4175	4618	0.18%	0.031%
32	8.736	997	1004	1010	rBV2	35128	62927	2.39%	0.416%
33	9.124	1067	1070	1072	rVB4	4170	4706	0.18%	0.031%
34	9.194	1076	1082	1090	rVV	42577	80660	3.06%	0.534%

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Instrument : BNA_G
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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	9.265	1092	1094	1099	rVB6	4547	7416	0.28%	0.049%
36	9.917	1197	1205	1211	rBV3	32765	68723	2.61%	0.455%
37	10.052	1226	1228	1231	rVB4	6743	6550	0.25%	0.043%
38	10.299	1268	1270	1276	rBV7	3457	4644	0.18%	0.031%
39	10.458	1290	1297	1305	rVB4	55087	108208	4.11%	0.716%
40	10.845	1355	1363	1369	rBV	629190	1115103	42.36%	7.379%
41	11.045	1391	1397	1400	rVB8	4969	8599	0.33%	0.057%
42	11.139	1411	1413	1417	rVB5	4176	5952	0.23%	0.039%
43	11.368	1447	1452	1454	rBV6	3313	4675	0.18%	0.031%
44	11.498	1470	1474	1476	rBV4	5369	7028	0.27%	0.047%
45	11.615	1490	1494	1499	rBV7	5339	6876	0.26%	0.046%
46	11.762	1515	1519	1522	rBV6	4437	5371	0.20%	0.036%
47	12.432	1631	1633	1636	rVB4	7791	7140	0.27%	0.047%
48	12.491	1638	1643	1651	rVB7	14989	33223	1.26%	0.220%
49	12.567	1653	1656	1657	rBV3	6058	5454	0.21%	0.036%
50	12.714	1675	1681	1688	rVB8	12032	24446	0.93%	0.162%
51	12.802	1690	1696	1697	rVB6	5042	7823	0.30%	0.052%
52	12.831	1697	1701	1702	rBV3	4767	5477	0.21%	0.036%
53	13.025	1732	1734	1737	rVB3	5704	5986	0.23%	0.040%
54	13.219	1764	1767	1771	rVB6	7388	10711	0.41%	0.071%
55	13.260	1771	1774	1775	rBV3	7845	8720	0.33%	0.058%
56	13.278	1775	1777	1782	rVB6	8643	9134	0.35%	0.060%
57	13.413	1796	1800	1804	rBV7	4177	7891	0.30%	0.052%
58	13.501	1811	1815	1818	rVB6	11342	14917	0.57%	0.099%
59	13.830	1866	1871	1874	rBV6	7716	10807	0.41%	0.072%
60	13.983	1893	1897	1902	rBV7	14325	21526	0.82%	0.142%
61	14.065	1904	1911	1915	rVV	92002	144697	5.50%	0.957%
62	14.106	1915	1918	1923	rVB	40324	52197	1.98%	0.345%
63	14.288	1948	1949	1951	rBV2	5915	5037	0.19%	0.033%
64	14.353	1955	1960	1970	rVB	110193	191443	7.27%	1.267%
65	14.559	1993	1995	2001	rVB7	9311	11075	0.42%	0.073%
66	14.665	2004	2013	2020	rVV2	962553	1580808	60.05%	10.461%
67	14.729	2020	2024	2029	rVB	52761	81619	3.10%	0.540%
68	14.847	2039	2044	2049	rBV4	32568	59598	2.26%	0.394%
69	15.064	2077	2081	2086	rVB2	31029	47461	1.80%	0.314%
70	15.652	2176	2181	2186	rBV2	143393	202574	7.70%	1.340%
71	15.710	2186	2191	2195	rBV	58386	91736	3.48%	0.607%

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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

72	17.408	2474	2480	2483	rBV	1093232	1704002	64.73%	11.276%
73	17.449	2483	2487	2492	rVV	1005537	1478168	56.15%	9.781%
74	17.502	2493	2496	2499	rVV	139913	198393	7.54%	1.313%
75	17.538	2499	2502	2507	rVB	229701	305607	11.61%	2.022%
76	18.366	2640	2643	2647	rVB	233394	261957	9.95%	1.733%
77	18.472	2658	2661	2666	rBV2	281643	388179	14.75%	2.569%
78	19.459	2824	2829	2834	rVB	1866888	2632388	100.00%	17.419%
79	19.788	2881	2885	2886	rBV2	503018	648664	24.64%	4.292%
80	19.817	2887	2890	2899	rVB	1582682	2154633	81.85%	14.258%

Sum of corrected areas: 15112021

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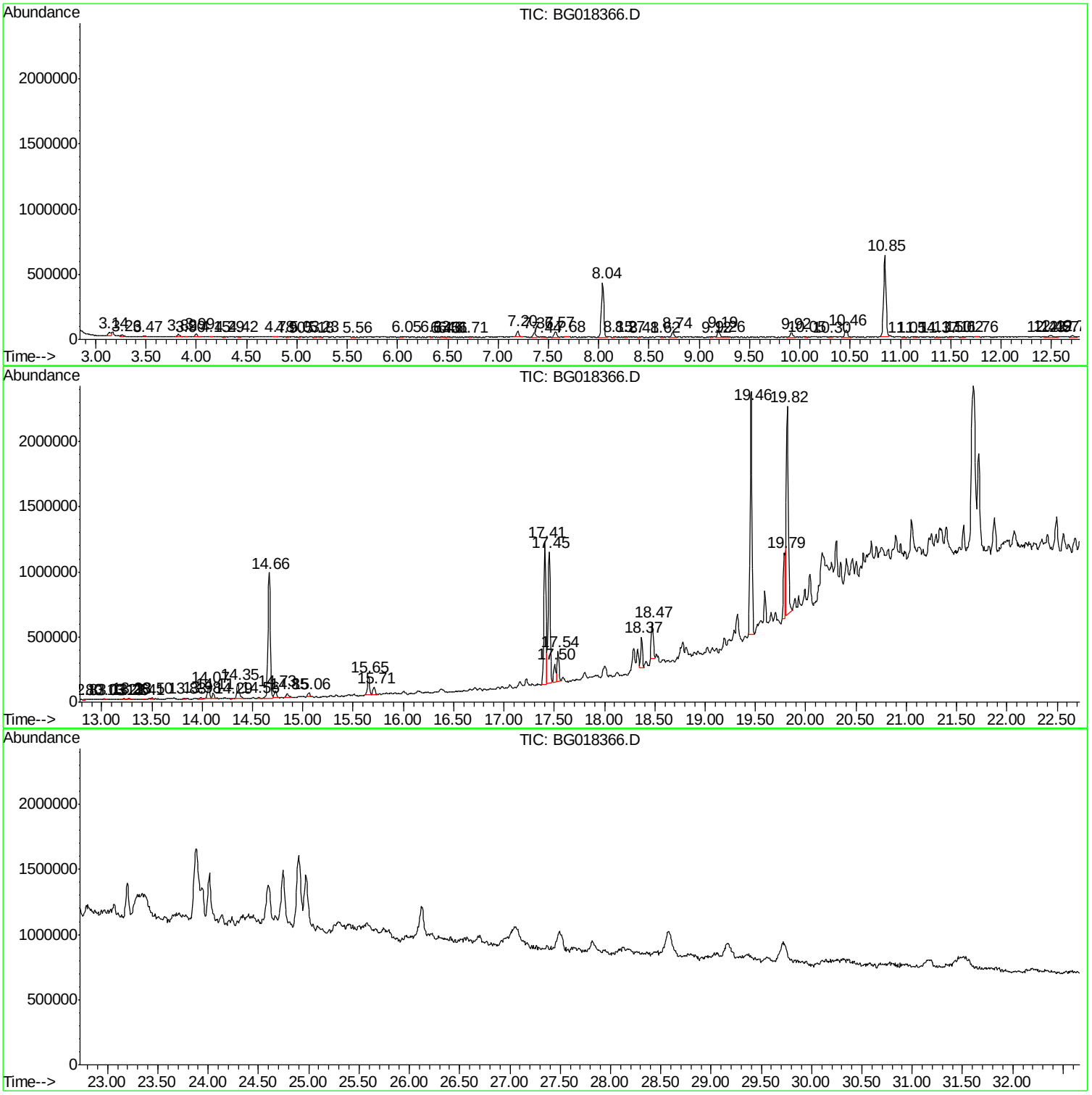
Instrument :
BNA_G
ClientSampleId :
C01P5DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_G
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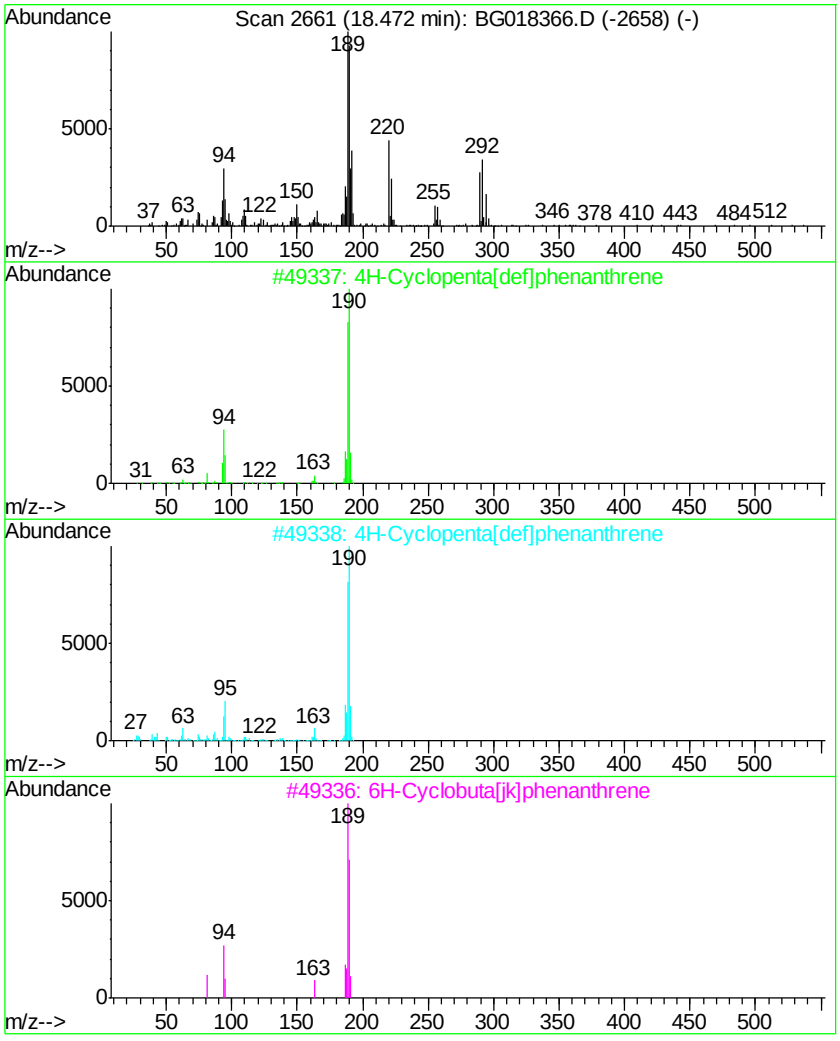
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

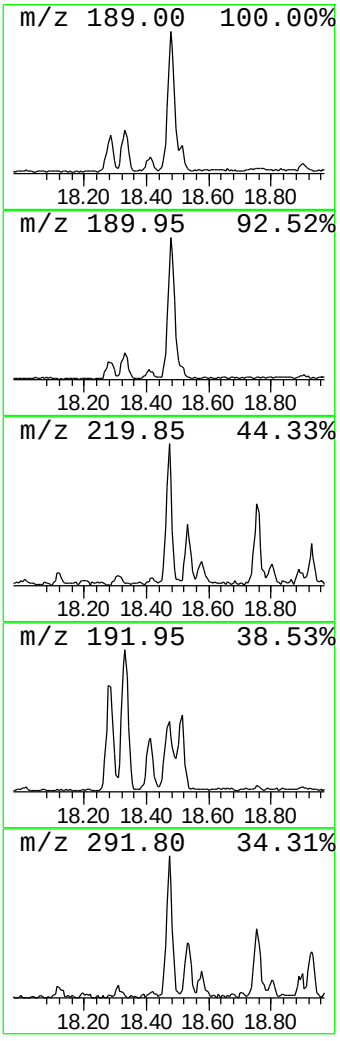
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.56 ng/ul	388179	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
4	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	27
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	27





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4H-Cyclopenta[def...	18.47	4.6	ng/ul	388179	4	17.41	1704000	20.0