LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005638.D
Acq On : 24 May 2016 10:10
Operator : UM/SJ
Sample : H3086-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM052016.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	7.004	745	751	762	rVB	86229	149068	5.79%	0.777%
2	7.145	768	775	782	rBV	67325	111493	4.33%	0.581%
3	7.351	803	810	816	rBV	92983	148853	5.78%	0.776%
4	7.816	880	889	896	rVB	534803	872441	33.89%	4.548%
5	8.351	973	980	990	rBV	30014	62508	2.43%	0.326%
6	8.533	1005	1011	1019	rVB	105573	168599	6.55%	0.879%
7	8.975	1078	1086	1095	rBV	78651	137629	5.35%	0.717%
8	9.692	1202	1208	1214	rBV	62271	100873	3.92%	0.526%
9	10.245	1295	1302	1309	rBV	109356	181704	7.06%	0.947%
10	10.610	1353	1364	1371	rBV	761683	1290780	50.14%	6.729%
11	10.745	1381	1387	1396	rVB	64329	117788	4.58%	0.614%
12	13.857	1908	1916	1920	rBV	195284	285679	11.10%	1.489%
13	13.904	1920	1924	1933	rVB2	66890	134679	5.23%	0.702%
14	14.151	1959	1966	1967	rBV	240608	372121	14.45%	1.940%
15	14.180	1967	1971	1979	rVV	432250	736848	28.62%	3.841%
16	14.239	1979	1981	1993	rVB7	24916	61088	2.37%	0.318%
17	14.339	1993	1998	2002	rBV2	40331	67013	2.60%	0.349%
18	14.457	2008	2018	2024	rBV2	1037733	1642329	63.79%	8.561%
19	14.515	2024	2028	2035	rVB3	36578	72861	2.83%	0.380%
20	14.651	2047	2051	2055	rBV	62318	93854	3.65%	0.489%
21	14.692	2055	2058	2065	rVB2	53159	84518	3.28%	0.441%
22	15.062	2114	2121	2126	rBV6	18461	47278	1.84%	0.246%
23	15.239	2144	2151	2155	rBV6	23412	49171	1.91%	0.256%
24	15.298	2155	2161	2163	rVV	28094	43857	1.70%	0.229%
25	15.327	2163	2166	2171	rVB	22921	35100	1.36%	0.183%
26	15.445	2181	2186	2192	rBV	310570	441220	17.14%	2.300%
27	15.704	2226	2230	2241	rVB5	47883	97112	3.77%	0.506%
28	16.180	2303	2311	2317	rBV2	144202	280833	10.91%	1.464%
29	16.856	2423	2426	2431	rBV6	21053	34818	1.35%	0.182%
30	16.945	2439	2441	2444	rVB	36111	33818	1.31%	0.176%
31	17.198	2478	2484	2489	rBV2	1203145	1838027	71.39%	9.581%
32	17.239	2489	2491	2496	rVV	191145	257936	10.02%	1.345%
33	17.298	2496	2501	2504	rVV	314898	468518	18.20%	2.442%
34	17.333	2504	2507	2512	rVV	336100	447368	17.38%	2.332%

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Title : SVOA CALIBRATION

35	17.386	2512	2516	2523	rVV3	40507	82472	3.20%	0.430%
36	17.686	2564	2567	2570	rBV	39579	44426	1.73%	0.232%
37	18.121	2638	2641	2647	rVB	54086	67049	2.60%	0.350%
38	18.203	2651	2655	2660	rBV	77017	110180	4.28%	0.574%
39	18.274	2662	2667	2671	rBV3	125787	228274	8.87%	1.190%
40	18.380	2682	2685	2690	rBV	55249	74718	2.90%	0.389%
41	18.986	2785	2788	2791	rBV	68319	116096	4.51%	0.605%
42	19.139	2811	2814	2820	rVB	100977	137543	5.34%	0.717%
43	19.256	2829	2834	2840	rBV	1007403	1405743	54.60%	7.328%
44	19.409	2856	2860	2864	rBV	188231	250017	9.71%	1.303%
45	19.592	2887	2891	2893	rBV2	472107	662912	25.75%	3.456%
46	19.621	2893	2896	2905	rVB	1171720	1622317	63.01%	8.457%
47	21.380	3190	3195	3199	rBV2	1411057	2574577	100.00%	13.421%
48	21.421	3199	3202	3208	rVB	669462	839173	32.59%	4.375%

Sum of corrected areas: 19183279

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BNA_M
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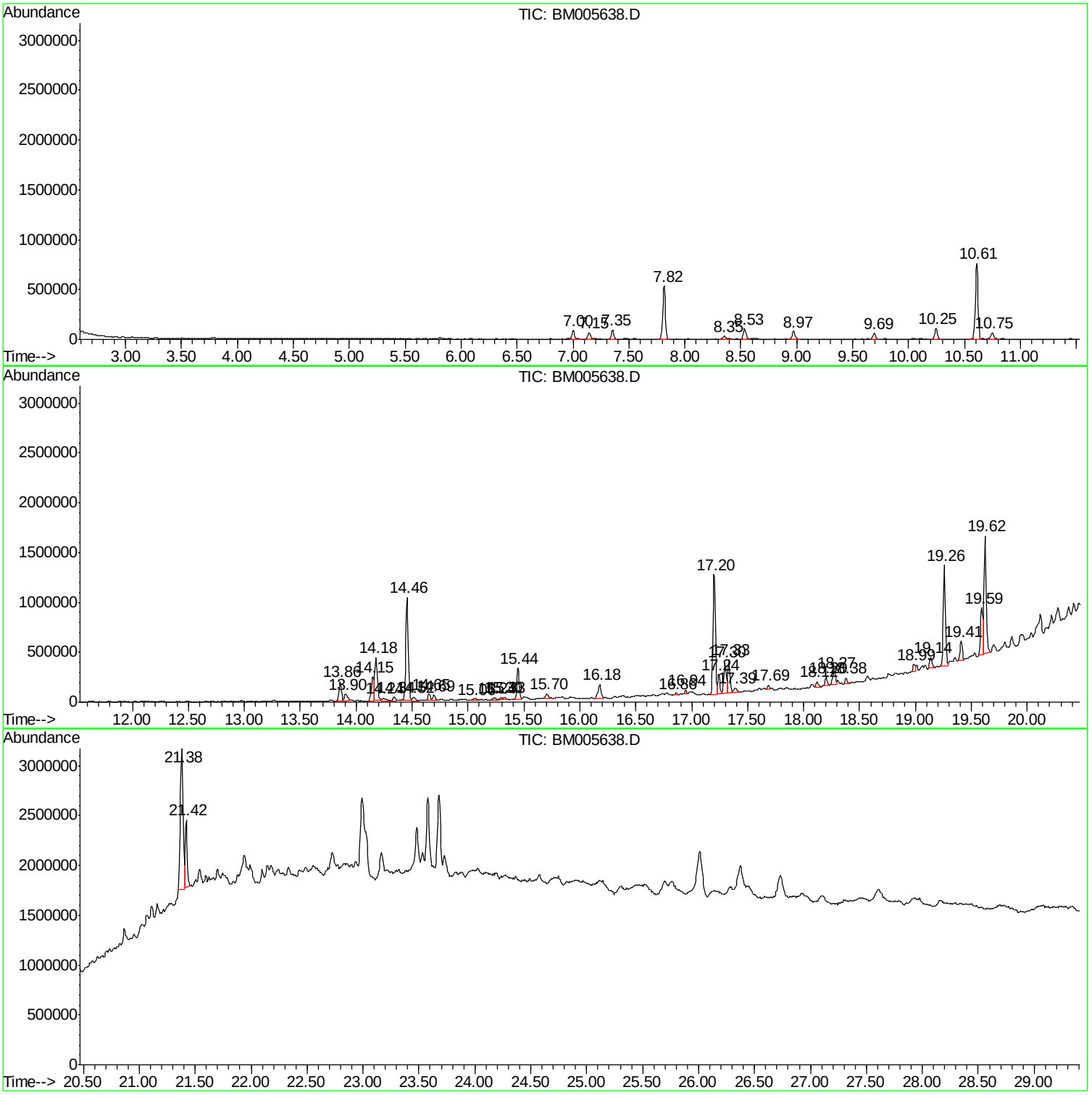
JHGF4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



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Sample : H3086-03DL 5X
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ClientSampleId : JHGF4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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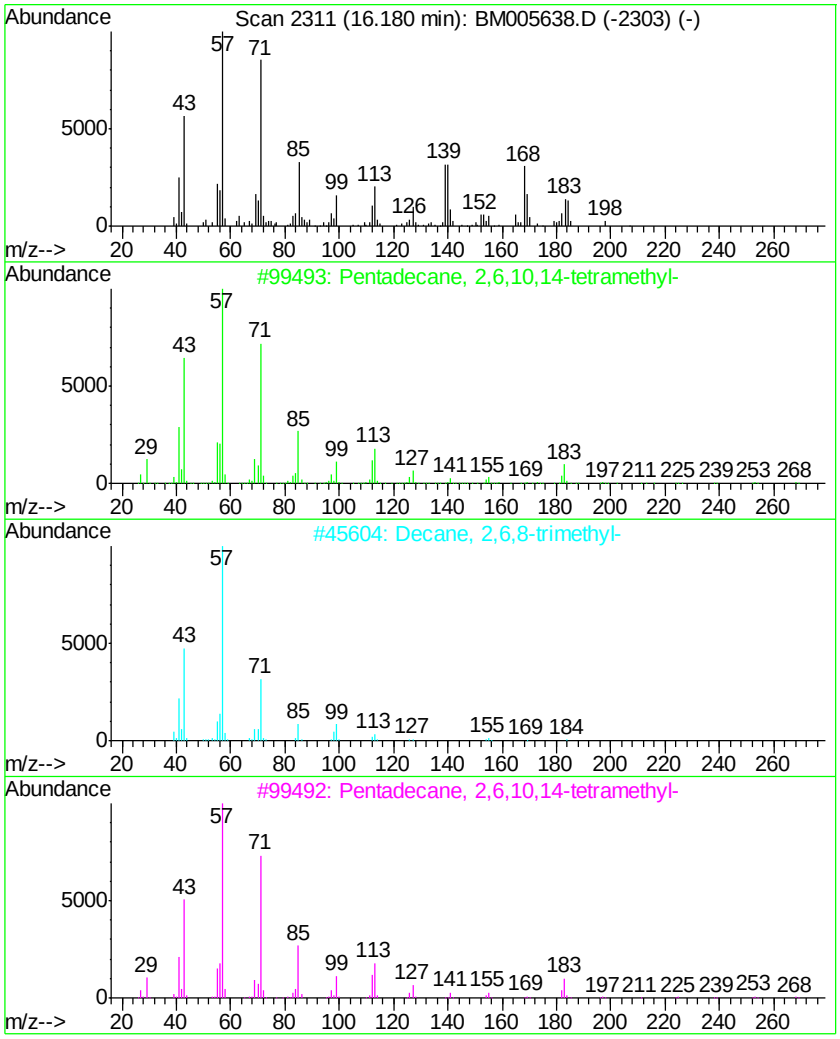
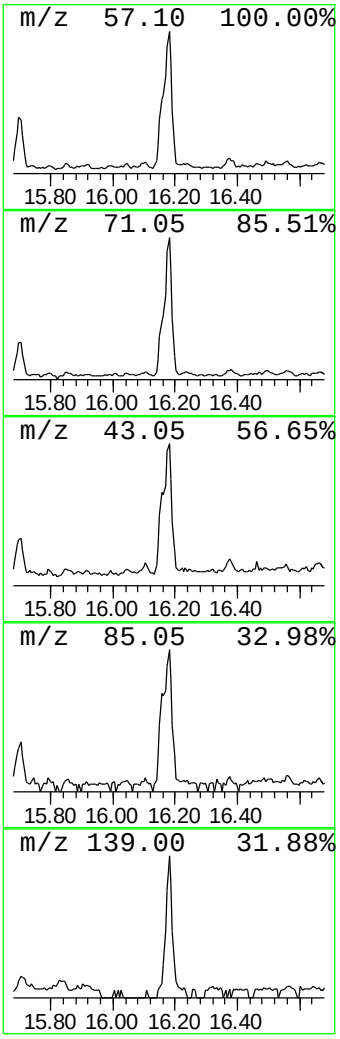
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.06 ng/ul	280833	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
4	5-Ethyldecane	170	C12H26	017302-36-2	49
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	46





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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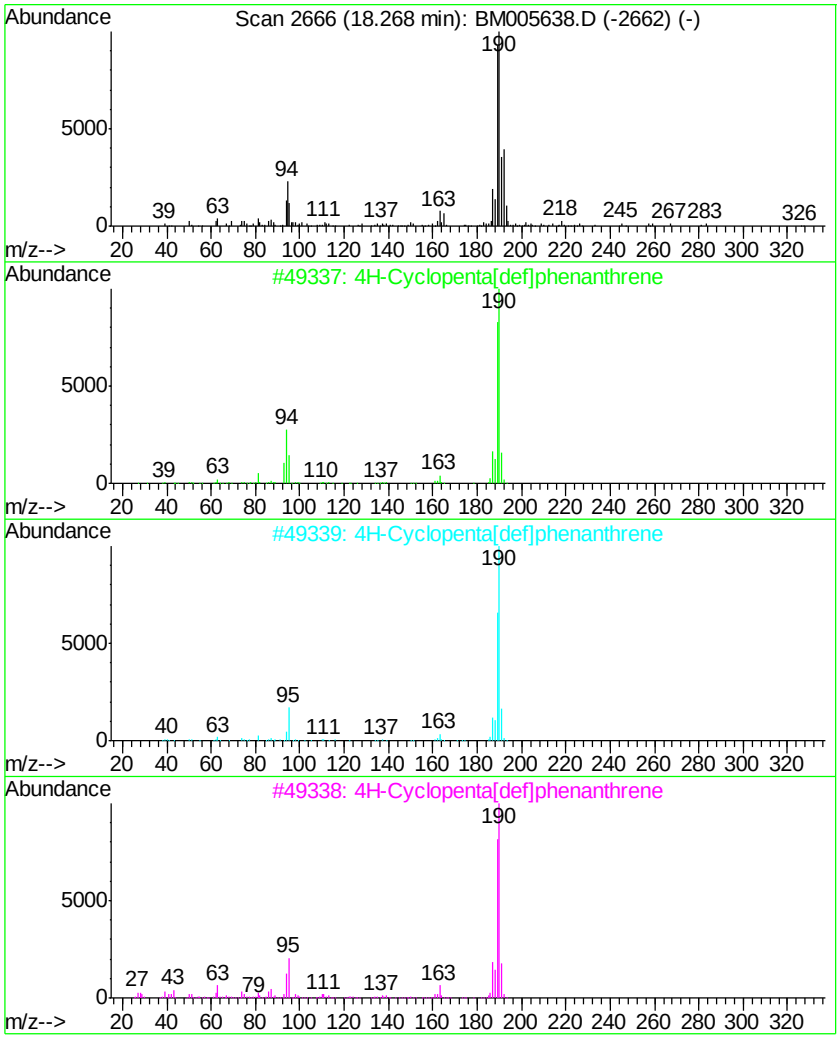
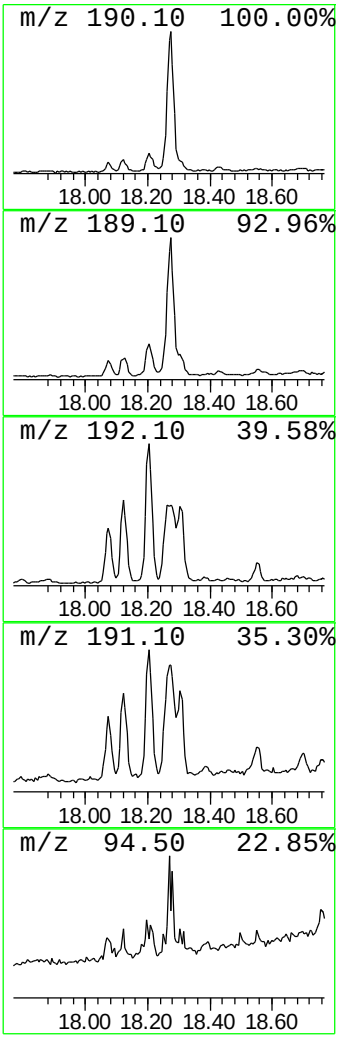
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.48 ng/ul	228274	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	3H-Indazole-3-carbonitrile, 3-(4...	253	C14H8ClN3	056630-97-8	32





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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
(DEL) Alkane: Str...	16.18	3.1	ng/ul	280833	4	17.20	1838030	20.0
4H-Cyclopenta[def...	18.27	2.5	ng/ul	228274	4	17.20	1838030	20.0