LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006372.D
Acq On : 09 Jul 2016 11:15
Operator : UM/SJ
Sample : H3861-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ14

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-BM070216.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	3.869	214	218	223	rBV2	21886	30141	1.09%	0.087%
2	6.810	709	718	731	rBV	515527	869911	31.48%	2.498%
3	6.969	739	745	754	rBV	367456	576947	20.88%	1.657%
4	7.163	772	778	789	rBV	508391	843060	30.51%	2.421%
5	7.628	849	857	866	rBV	542880	908735	32.89%	2.609%
6	8.339	972	978	986	rBV2	592687	980037	35.47%	2.814%
7	8.528	1001	1010	1016	rVB6	14528	32476	1.18%	0.093%
8	8.781	1045	1053	1063	rBV	471655	841600	30.46%	2.417%
9	9.498	1168	1175	1187	rBV	413690	737660	26.70%	2.118%
10	10.039	1257	1267	1280	rBV	550395	984574	35.63%	2.827%
11	10.410	1323	1330	1342	rBV	680135	1211282	43.84%	3.478%
12	10.551	1347	1354	1373	rVB	516122	970026	35.11%	2.785%
13	12.880	1741	1750	1752	rBV6	19937	34742	1.26%	0.100%
14	13.692	1882	1888	1893	rBV	910540	1396533	50.54%	4.010%
15	13.739	1893	1896	1905	rVB	334917	482953	17.48%	1.387%
16	13.974	1928	1936	1946	rBV	1017608	1678943	60.77%	4.821%
17	14.280	1981	1988	1996	rBV2	916627	1490886	53.96%	4.281%
18	14.498	2019	2025	2037	rBV	465515	821510	29.73%	2.359%
19	14.745	2064	2067	2073	rVB5	17986	31872	1.15%	0.092%
20	14.992	2105	2109	2113	rBV3	28104	39103	1.42%	0.112%
21	15.074	2118	2123	2127	rVV7	16702	37794	1.37%	0.109%
22	15.145	2131	2135	2140	rVB4	19453	33921	1.23%	0.097%
23	15.280	2152	2158	2165	rBV	1330535	2003385	72.51%	5.753%
24	15.410	2174	2180	2187	rBV	430649	630720	22.83%	1.811%
25	16.010	2278	2282	2285	rBV5	44924	70660	2.56%	0.203%
26	16.798	2413	2416	2422	rBV3	34683	62057	2.25%	0.178%
27	17.033	2450	2456	2461	rBV2	1210398	1799300	65.12%	5.167%
28	17.074	2461	2463	2466	rVV2	49652	59861	2.17%	0.172%
29	17.133	2467	2473	2482	rVB2	1385612	2171036	78.58%	6.234%
30	17.656	2556	2562	2575	rBV	359981	623738	22.57%	1.791%
31	18.004	2616	2621	2632	rBV	245777	408902	14.80%	1.174%
32	18.098	2632	2637	2642	rBV6	34606	73816	2.67%	0.212%
33	18.627	2724	2727	2731	rBV4	25585	38365	1.39%	0.110%
34	18.803	2751	2757	2765	rBV4	138452	333441	12.07%	0.957%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ14

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-BM070216.M
Title : SVOA CALIBRATION

35	19.098	2804	2807	2814	rVB	61613	81145	2.94%	0.233%
36	19.156	2814	2817	2823	rBV5	30605	46419	1.68%	0.133%
37	19.321	2842	2845	2848	rBV	17103	29176	1.06%	0.084%
38	19.433	2858	2864	2869	rBV2	1747708	2586633	93.62%	7.427%
39	19.674	2901	2905	2913	rVB	116870	170869	6.18%	0.491%
40	20.427	3030	3033	3037	rBV6	27265	36125	1.31%	0.104%
41	20.950	3119	3122	3130	rBV2	129125	219062	7.93%	0.629%
42	21.015	3131	3133	3136	rVB	57318	53205	1.93%	0.153%
43	21.097	3143	3147	3151	rBV4	126991	166228	6.02%	0.477%
44	21.233	3164	3170	3175	rBV	1623138	2240220	81.08%	6.433%
45	21.403	3197	3199	3205	rVB	138502	159129	5.76%	0.457%
46	21.815	3267	3269	3274	rBV4	51723	57675	2.09%	0.166%
47	22.768	3427	3431	3437	rBV3	120640	222325	8.05%	0.638%
48	23.303	3515	3522	3536	rVB2	1307235	2763006	100.00%	7.934%
49	23.438	3539	3545	3552	rVB2	1107036	2133065	77.20%	6.125%
50	23.950	3628	3632	3640	rVB2	127544	251533	9.10%	0.722%
51	24.068	3647	3652	3659	rBV4	164861	300140	10.86%	0.862%

Sum of corrected areas: 34825942

LSC Report - Integrated Chromatogram

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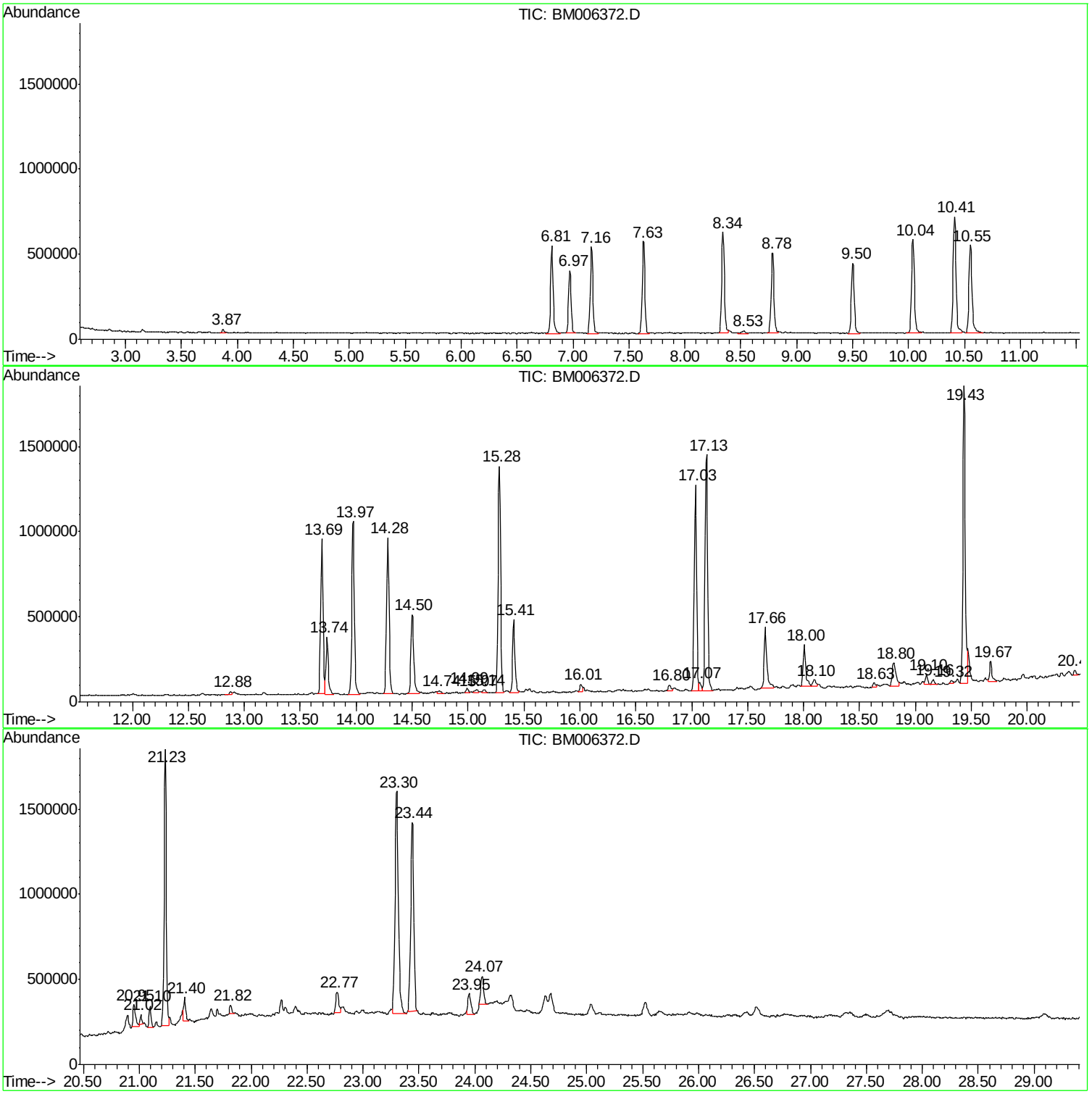
Operator : UM/SJ
Sample : H3861-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006372.D
Acq On : 09 Jul 2016 11:15
Operator : UM/SJ
Sample : H3861-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

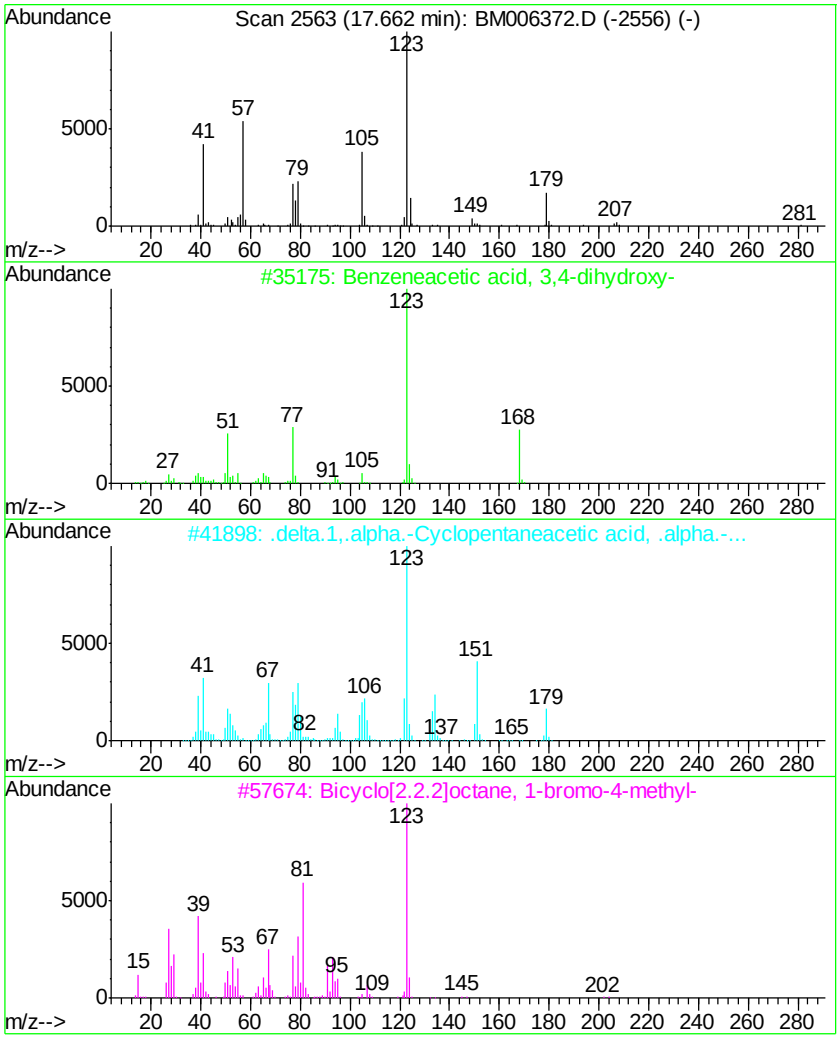
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

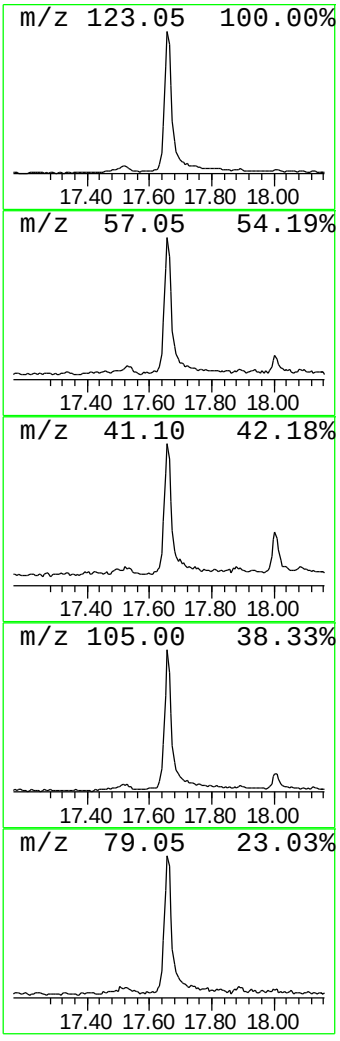
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	6.93 ng/ul	623738	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 3,4-dihydroxy-	168	C8H8O4	000102-32-9	42
2	.delta.1,.alpha.-Cyclopentaneace...	179	C10H13NO2	005407-83-0	39
3	Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	38
4	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	37
5	4-Amino-2-hydroxytoluene	123	C7H9NO	002835-95-2	33





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Sample : H3861-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

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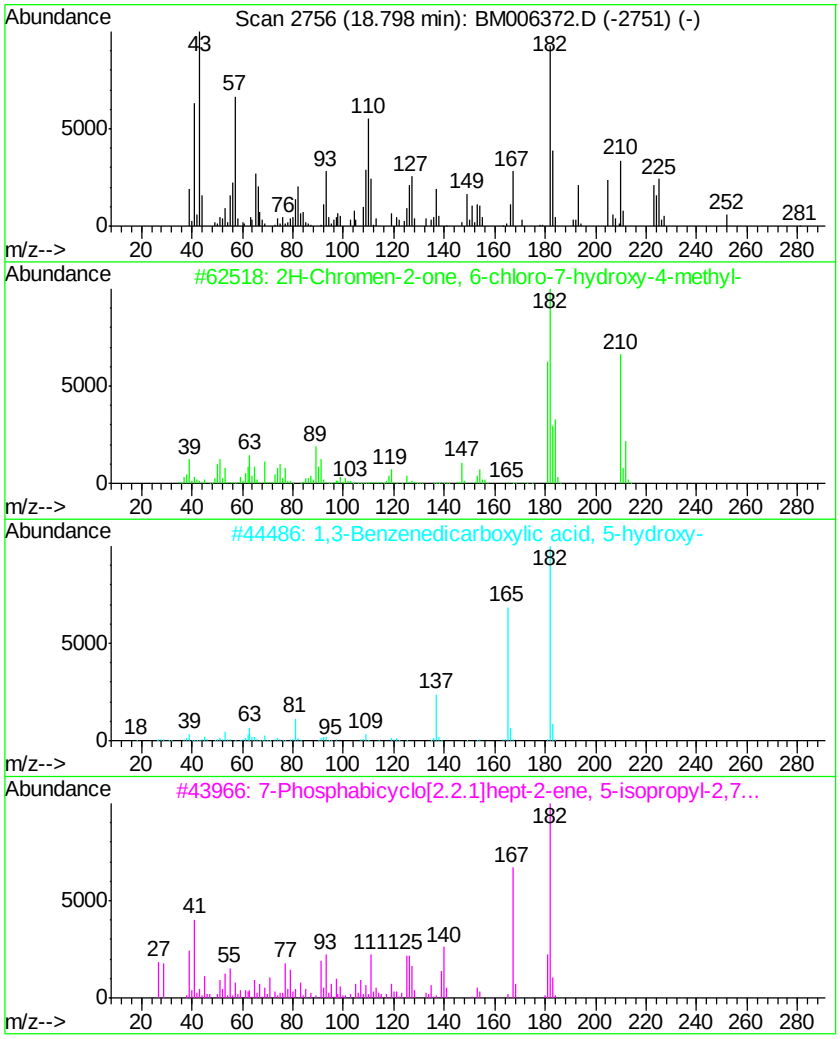
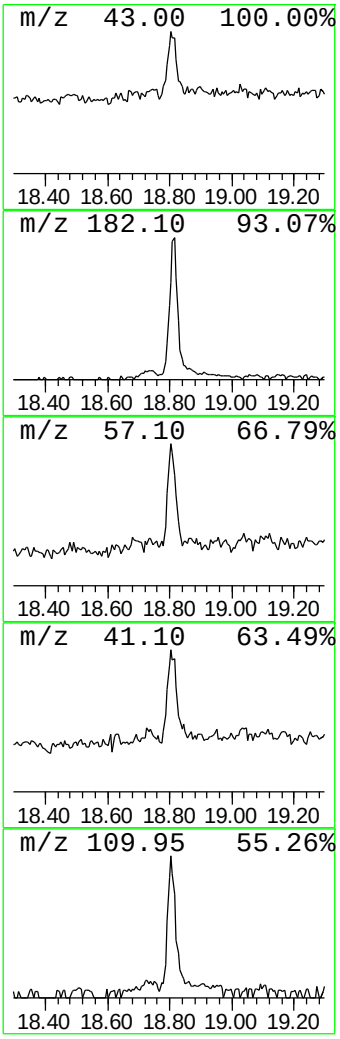
Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.71 ng/ul	333441	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Chromen-2-one, 6-chloro-7-hyd...	210	C10H7ClO3	019492-02-5	35
2	1,3-Benzenedicarboxylic acid, 5-...	182	C8H6O5	000618-83-7	25
3	7-Phosphabicyclo[2.2.1]hept-2-en...	182	C11H19P	1000151-83-5	25
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	22
5	Pyrimido[2,1-b]benzimidazole, 2-...	225	C13H11N3O	198349-40-5	16





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BDJ14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

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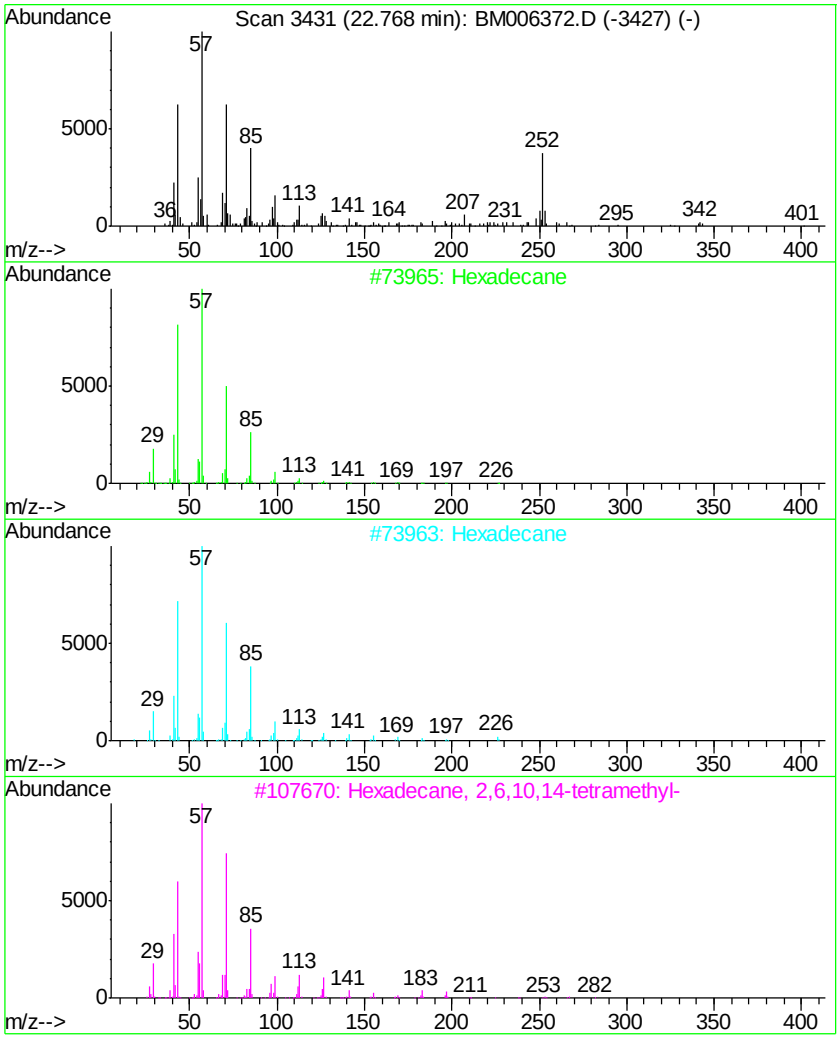
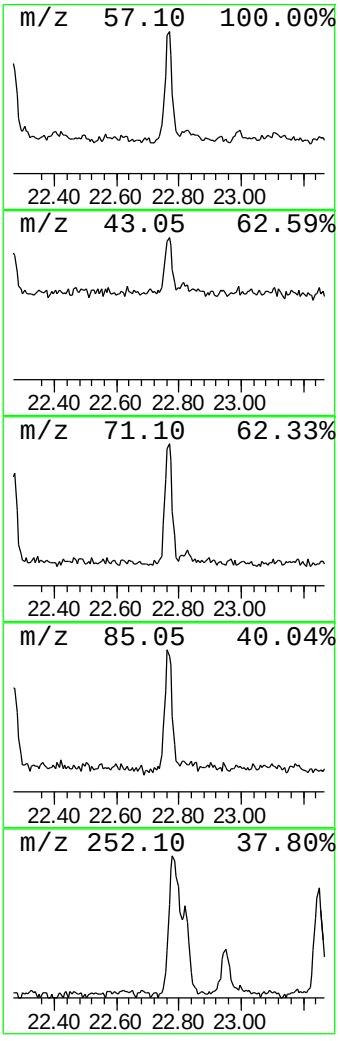
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.08 ng/ul	222325	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	92
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86





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Instrument : BNA_M
ClientSampleId : BDJ14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

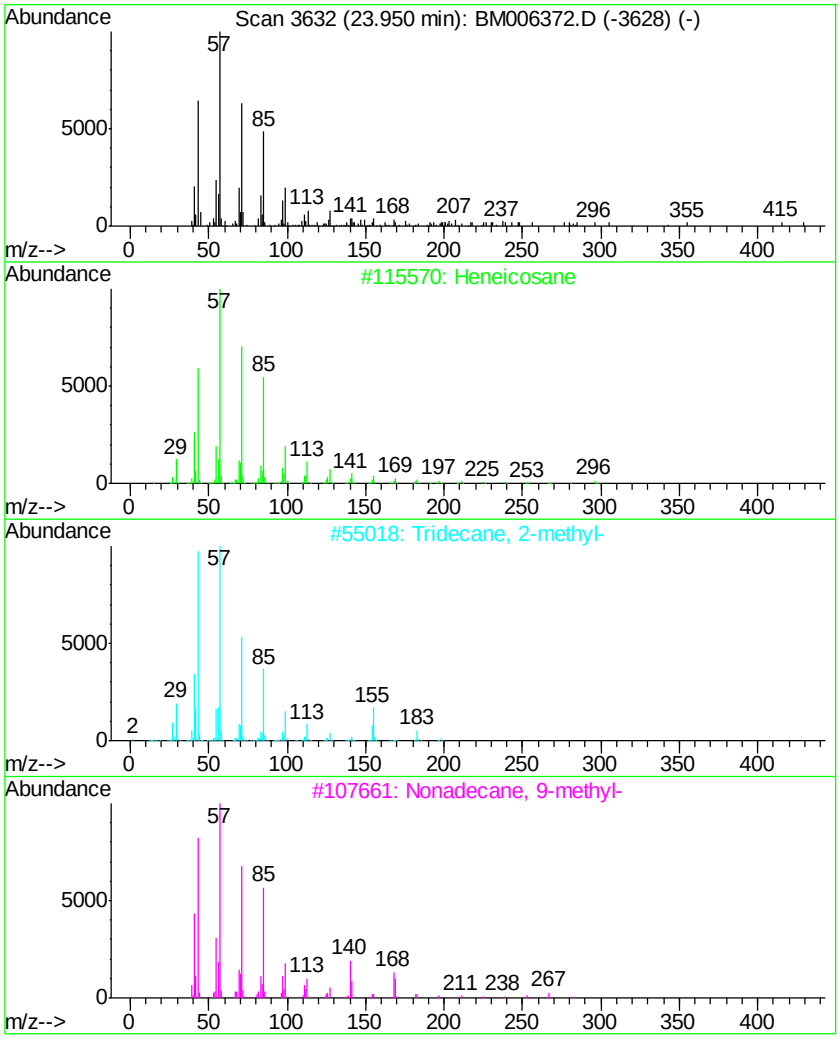
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

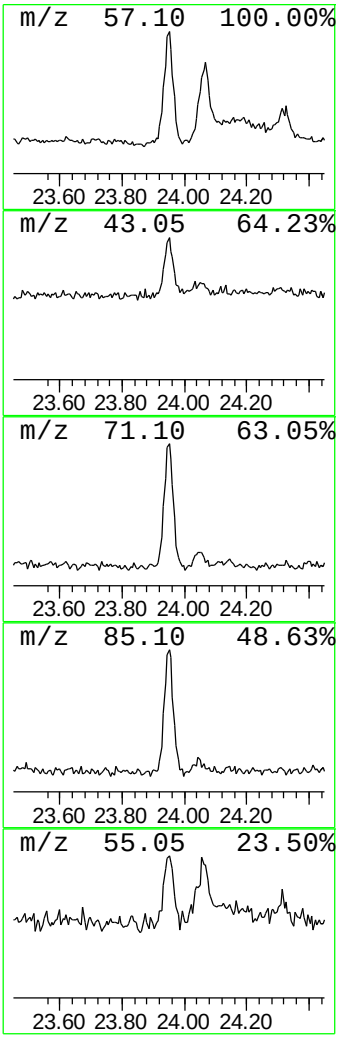
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.36 ng/ul	251533	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83





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Quant Title : SVOA CALIBRATION

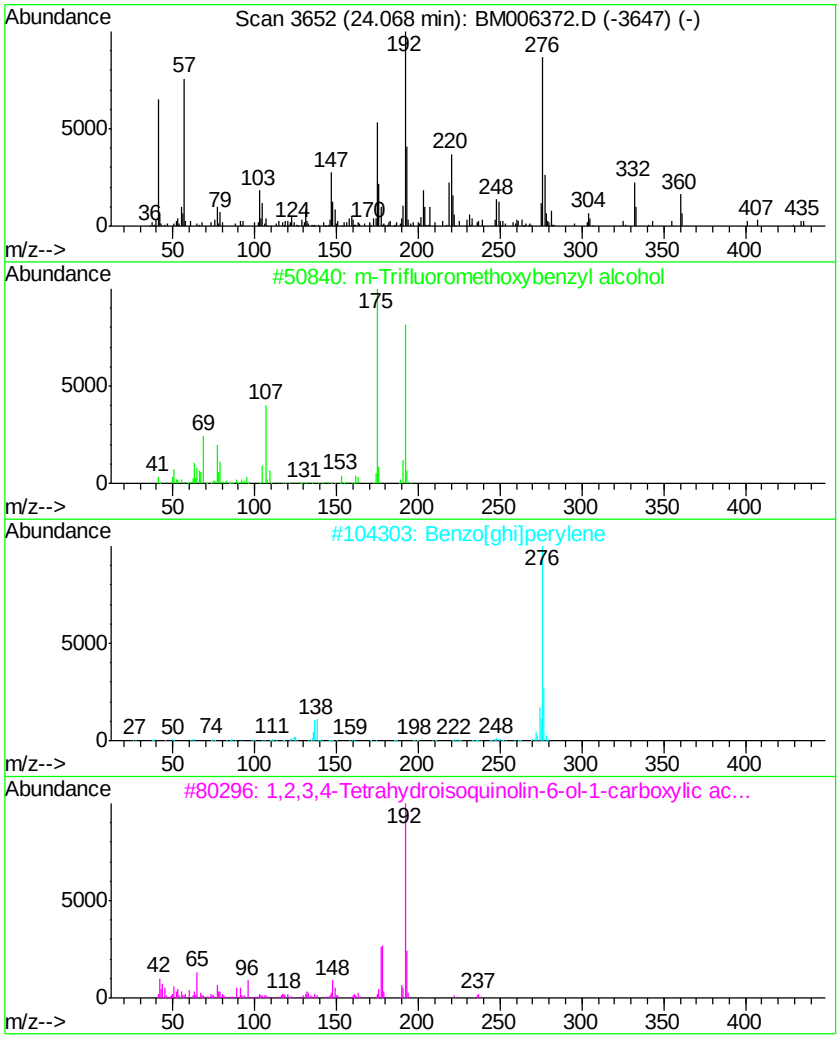
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

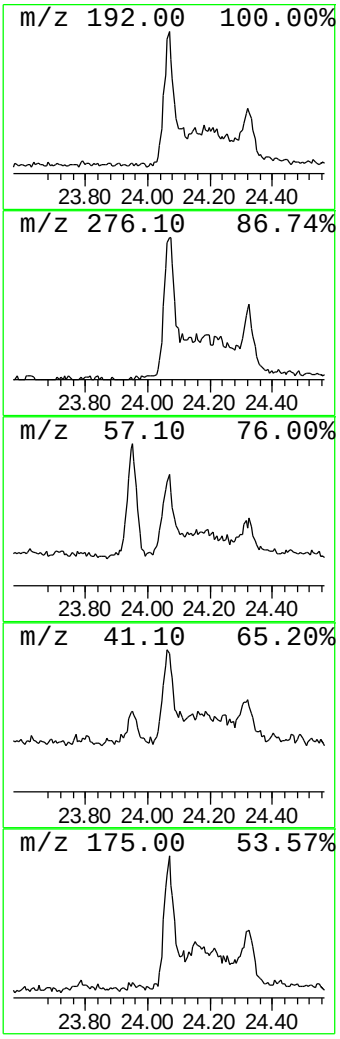
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.81 ng/ul	300140	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Trifluoromethoxybenzyl alcohol	192	C8H7F3O2	050823-90-0	22
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	14
3	1,2,3,4-Tetrahydroisoquinolin-6-...	237	C12H15NO4	1000127-90-5	14
4	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	14
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	14





Tentatively Identified Compound (LSC) summary

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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
unknown-01	17.66	6.9	ng/ul	623738	4	17.03	1799300	20.0
unknown-02	18.80	3.7	ng/ul	333441	4	17.03	1799300	20.0
(DEL) Alkane: Str...	22.77	2.1	ng/ul	222325	6	23.44	2133070	20.0
(DEL) Alkane: Str...	23.95	2.4	ng/ul	251533	6	23.44	2133070	20.0
unknown-03	24.07	2.8	ng/ul	300140	6	23.44	2133070	20.0