LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

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\SOM-EPA-BM113017.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	6.869	636	643	654	rBV3	86771	176707	1.10%	0.231%
2	7.687	775	782	791	rBV	960636	1541341	9.64%	2.014%
3	8.392	896	902	913	rBV2	105854	186292	1.16%	0.243%
4	10.092	1185	1191	1200	rBV2	107816	187310	1.17%	0.245%
5	10.469	1244	1255	1262	rBV	1362586	2275928	14.23%	2.974%
6	13.745	1807	1812	1816	rBV	227215	311207	1.95%	0.407%
7	14.021	1853	1859	1861	rBV	244933	398011	2.49%	0.520%
8	14.051	1861	1864	1869	rVB	425024	598735	3.74%	0.782%
9	14.327	1904	1911	1919	rBV2	1962206	3100353	19.38%	4.052%
10	14.874	1997	2004	2009	rBV4	100082	179169	1.12%	0.234%
11	14.957	2014	2018	2026	rVB3	133571	223390	1.40%	0.292%
12	15.192	2054	2058	2064	rVB3	127548	175908	1.10%	0.230%
13	15.321	2076	2080	2086	rVB	312933	460902	2.88%	0.602%
14	16.057	2200	2205	2219	rVB2	365939	706869	4.42%	0.924%
15	16.733	2313	2320	2331	rBV	10867564	15995158	100.00%	20.903%
16	16.845	2336	2339	2343	rVV	255018	314141	1.96%	0.411%
17	16.898	2344	2348	2352	rVB2	170699	227927	1.42%	0.298%
18	17.080	2373	2379	2383	rBV2	2650822	3698272	23.12%	4.833%
19	17.121	2383	2386	2390	rVV	569604	752857	4.71%	0.984%
20	17.174	2391	2395	2398	rVV	369199	564297	3.53%	0.737%
21	17.209	2398	2401	2407	rVB	833678	1141208	7.13%	1.491%
22	17.486	2444	2448	2455	rVB2	189427	317273	1.98%	0.415%
23	17.586	2461	2465	2471	rVB3	292654	389238	2.43%	0.509%
24	17.751	2489	2493	2497	rVB	175658	258105	1.61%	0.337%
25	18.080	2546	2549	2554	rBV2	139417	180243	1.13%	0.236%
26	18.151	2556	2561	2565	rBV4	127849	257373	1.61%	0.336%
27	18.280	2579	2583	2591	rBV	295765	403604	2.52%	0.527%
28	18.351	2591	2595	2599	rBV2	124443	191463	1.20%	0.250%
29	18.498	2616	2620	2625	rBV2	267040	350592	2.19%	0.458%
30	18.915	2688	2691	2698	rVB2	244547	337685	2.11%	0.441%
31	19.015	2704	2708	2713	rVB	480964	610395	3.82%	0.798%
32	19.139	2724	2729	2735	rVB	2356732	3053786	19.09%	3.991%
33	19.474	2781	2786	2787	rBV	634549	796172	4.98%	1.040%
34	19.503	2787	2791	2800	rVB	2909669	4147306	25.93%	5.420%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

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\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	19.745	2828	2832	2838	rVB	1202276	1644821	10.28%	2.150%
36	19.839	2843	2848	2852	rVB3	212496	423689	2.65%	0.554%
37	20.297	2923	2926	2929	rBV	264704	317079	1.98%	0.414%
38	20.744	2999	3002	3009	rVB2	434804	681212	4.26%	0.890%
39	20.950	3034	3037	3040	rVV3	191117	204314	1.28%	0.267%
40	20.992	3040	3044	3049	rVB2	586769	847422	5.30%	1.107%
41	21.227	3080	3084	3085	rBV	248295	317537	1.99%	0.415%
42	21.268	3085	3091	3096	rBV2	3670121	5898364	36.88%	7.708%
43	21.574	3139	3143	3148	rVB2	315894	513419	3.21%	0.671%
44	21.627	3149	3152	3156	rBV3	245200	325300	2.03%	0.425%
45	22.833	3351	3357	3362	rBV2	2873867	6187359	38.68%	8.086%
46	22.997	3381	3385	3394	rVB	592500	1034841	6.47%	1.352%
47	23.309	3432	3438	3443	rBV	1493958	2720447	17.01%	3.555%
48	23.397	3448	3453	3459	rVB	1389211	2425798	15.17%	3.170%
49	23.497	3464	3470	3475	rVV	1782408	3431046	21.45%	4.484%
50	23.544	3476	3478	3487	rVB2	590791	1087820	6.80%	1.422%
51	25.738	3842	3851	3853	rBV	886097	2264863	14.16%	2.960%
52	26.415	3960	3966	3978	rVB2	596236	1685639	10.54%	2.203%

Sum of corrected areas: 76520187

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Data File : BM013325.D
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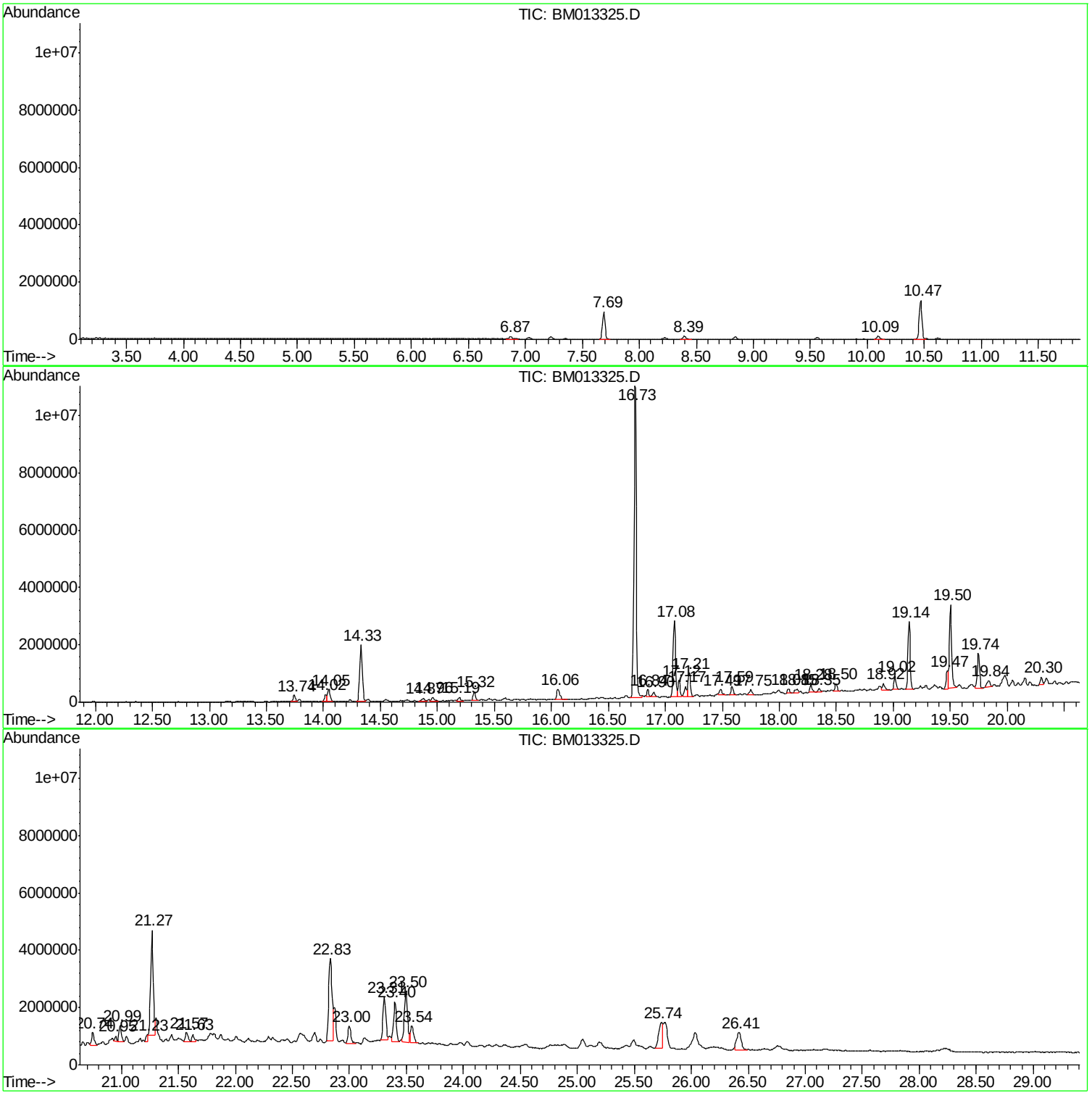
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

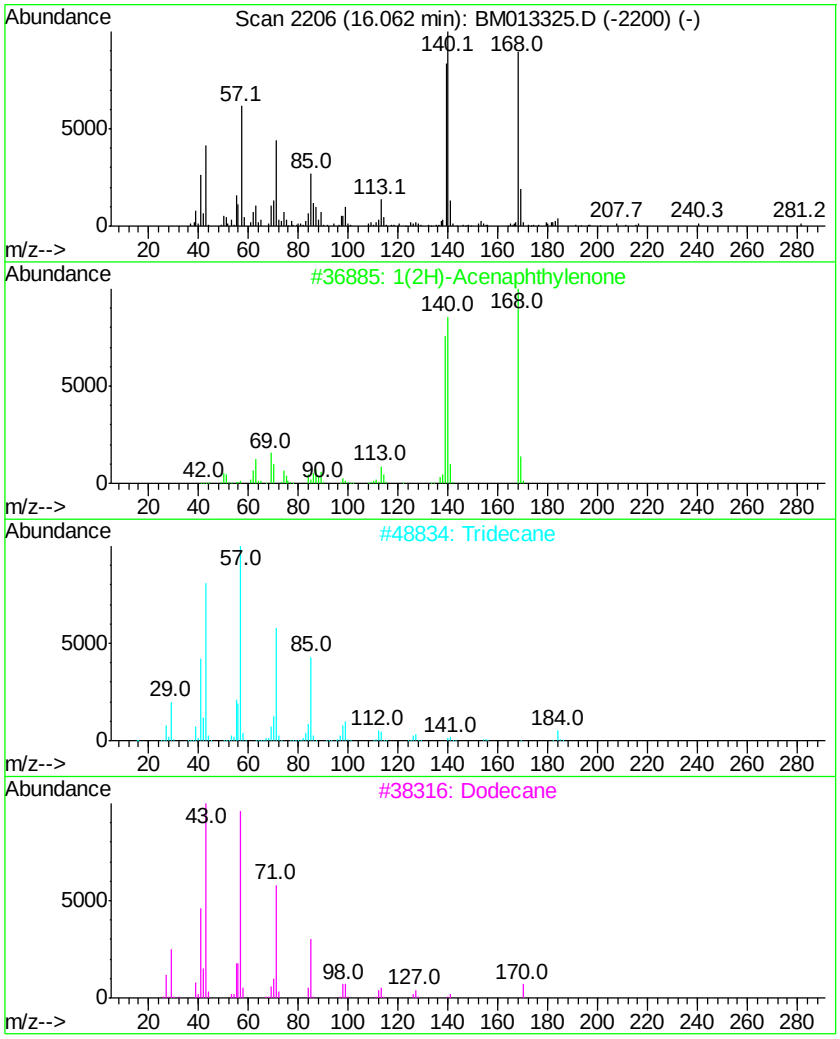
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

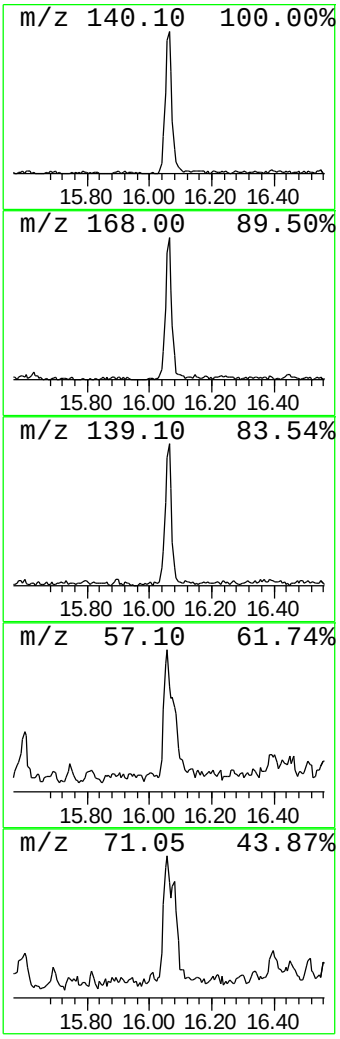
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.82 ng/ul	706869	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane	170	C12H26	000112-40-3	55
4	Cyclobuta[del]naphthalene	140	C11H8	024973-91-9	46
5	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	43





Library Search Compound Report

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Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
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Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

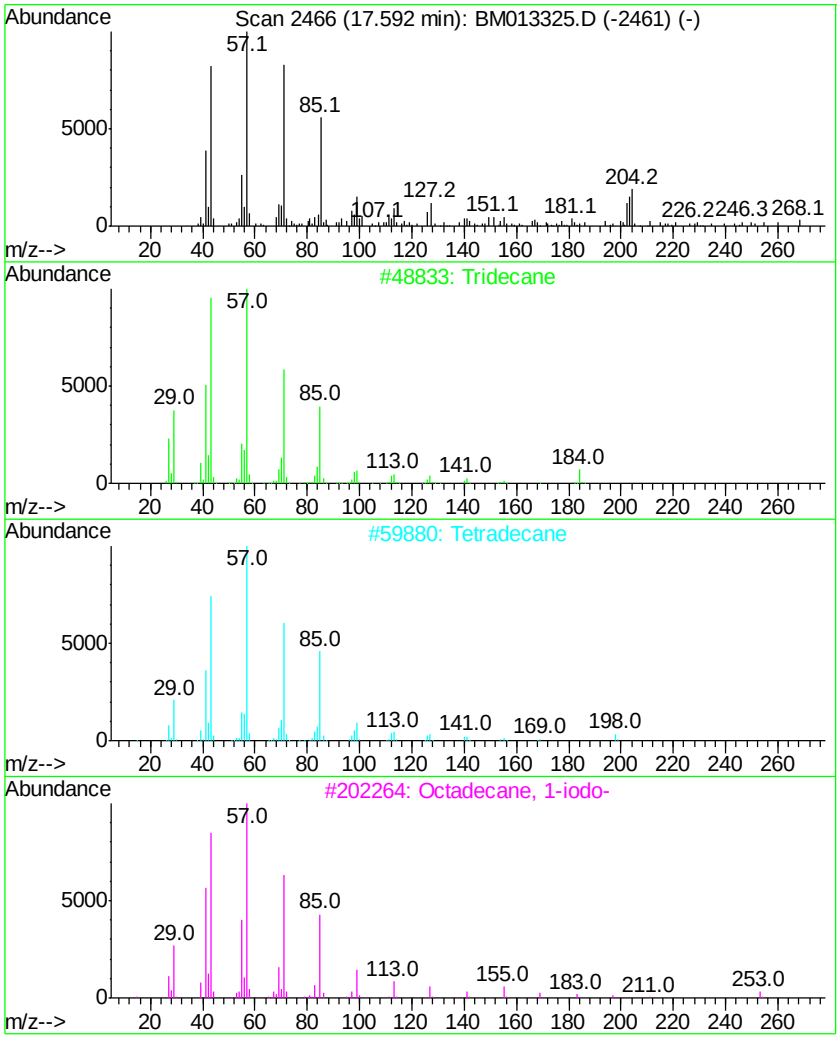
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

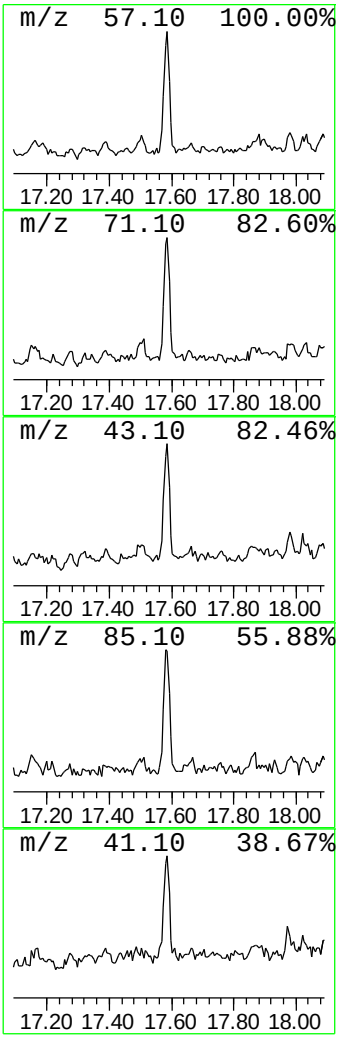
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	2.10 ng/ul	389238	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

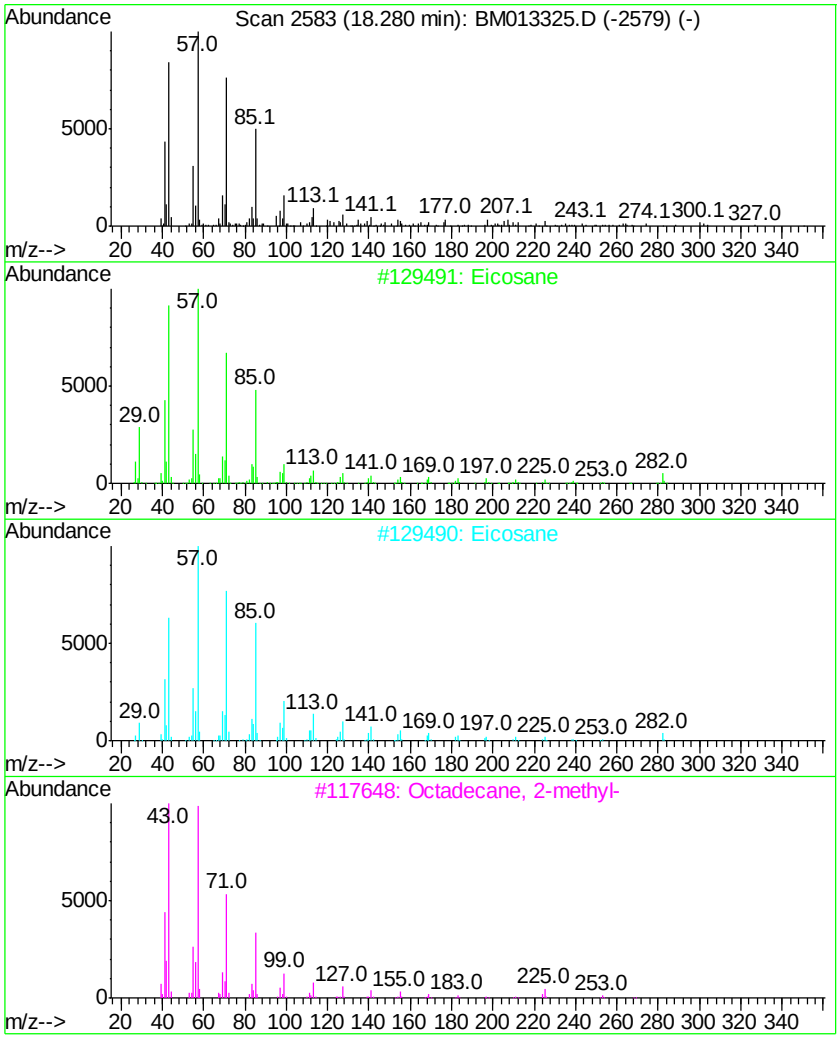
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

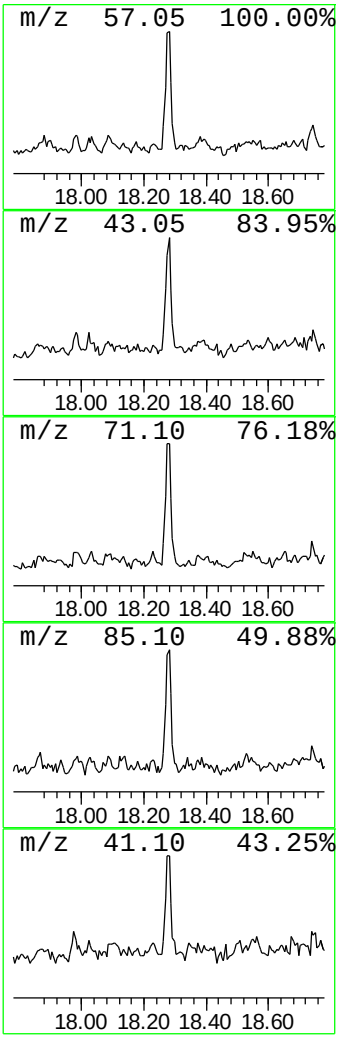
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.18 ng/ul	403604	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
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Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

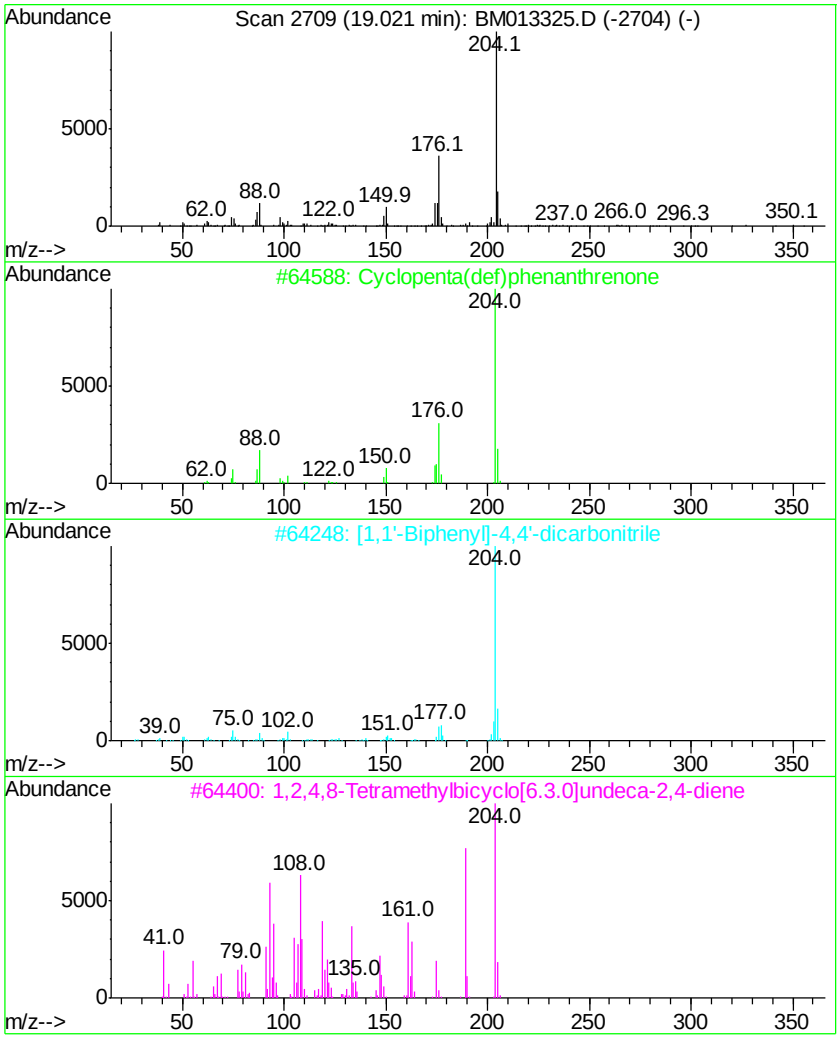
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

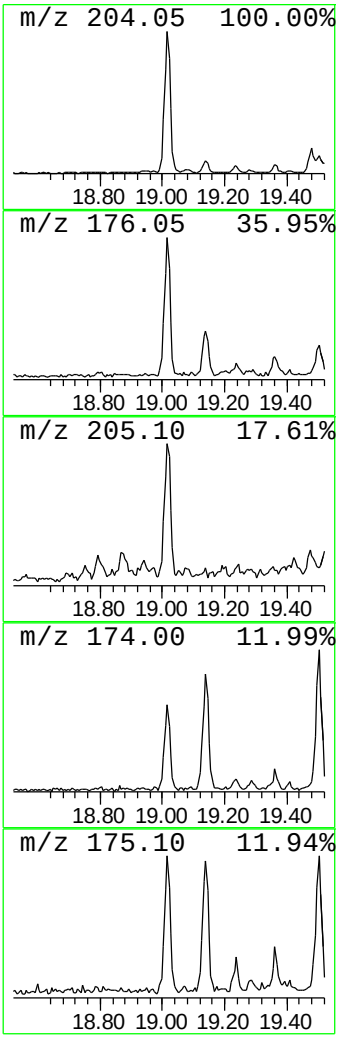
****

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.30 ng/ul	610395	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	72
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
4	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	59
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
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Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

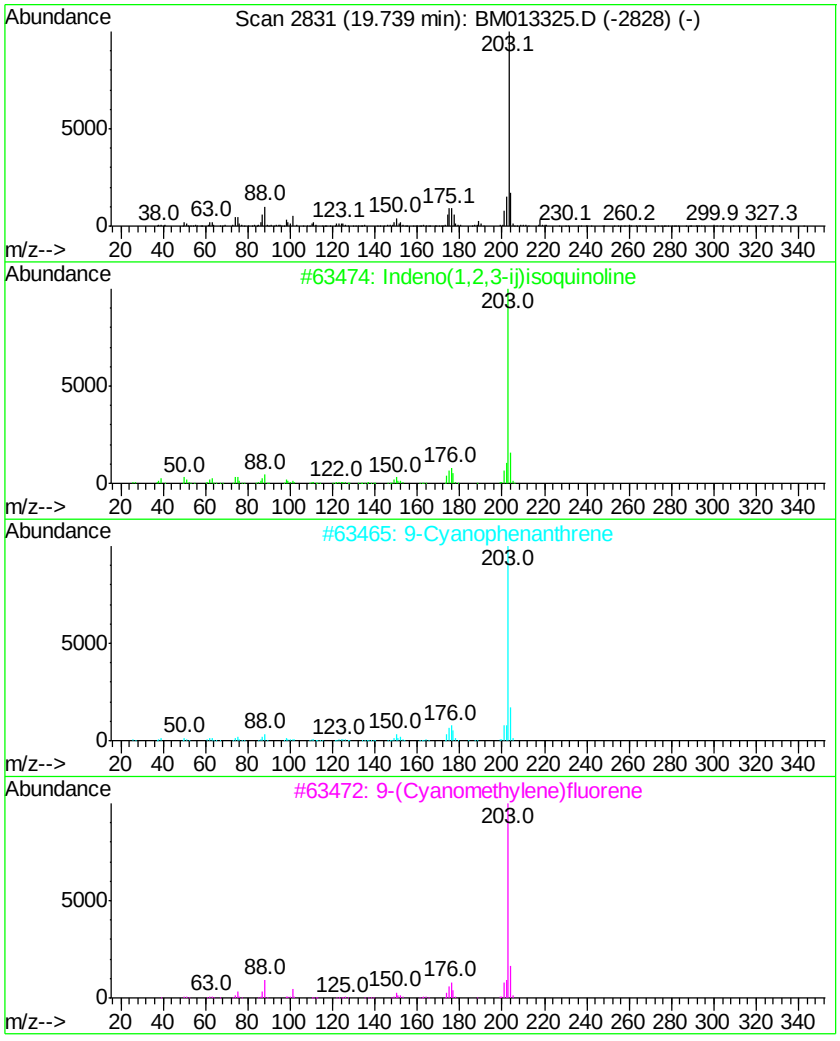
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

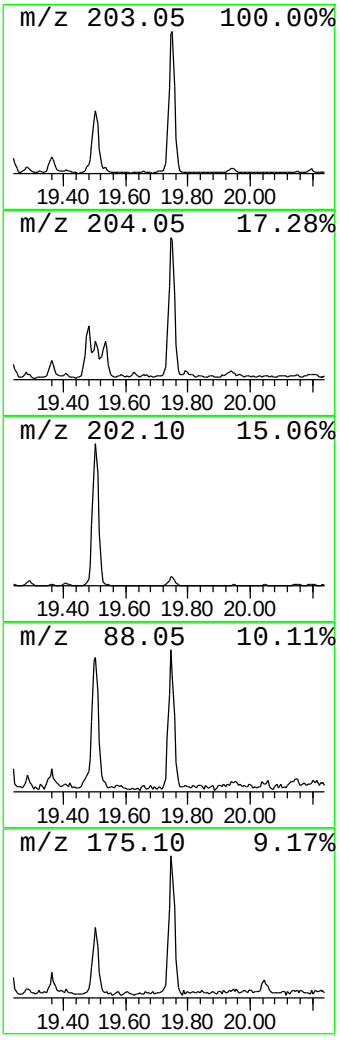
****

Peak Number 5 Indeno(1,2,3-ij)isoquinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	5.58 ng/ul	1644820	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	9-Cyanophenanthrene	203	C15H9N	002510-55-6	97
3	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	96
5	4-Azapyrene	203	C15H9N	000194-03-6	96





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013325.D
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Sample : I6759-10 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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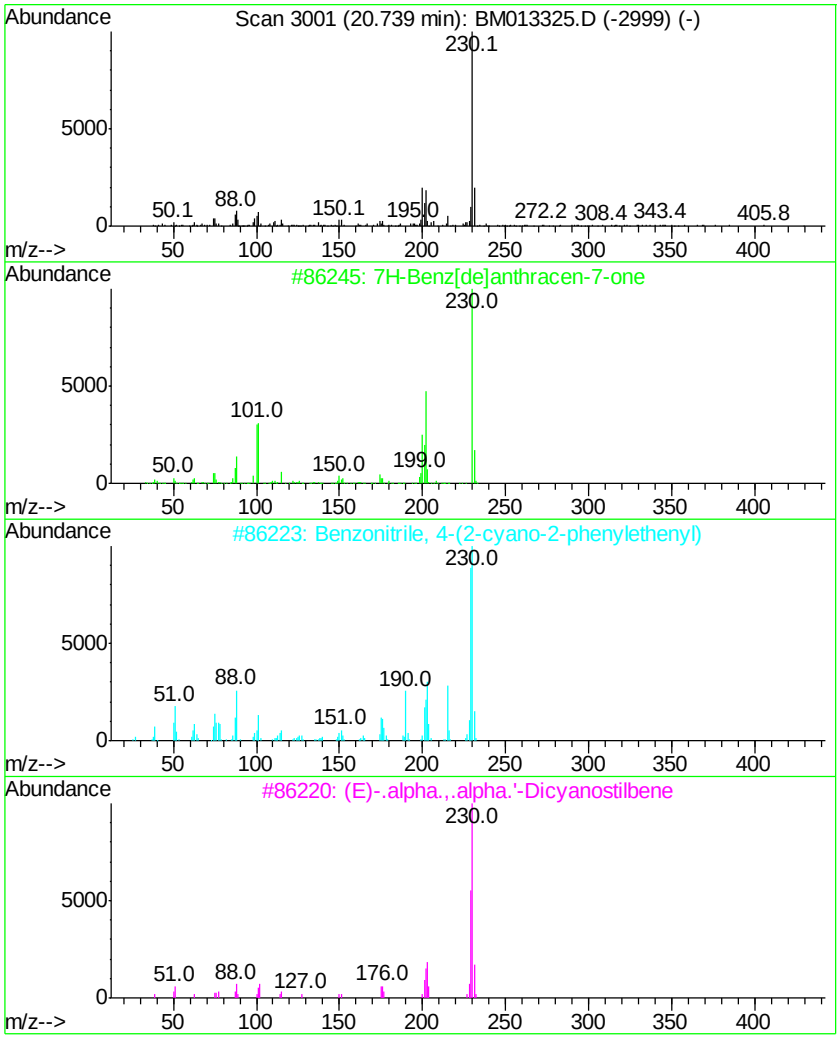
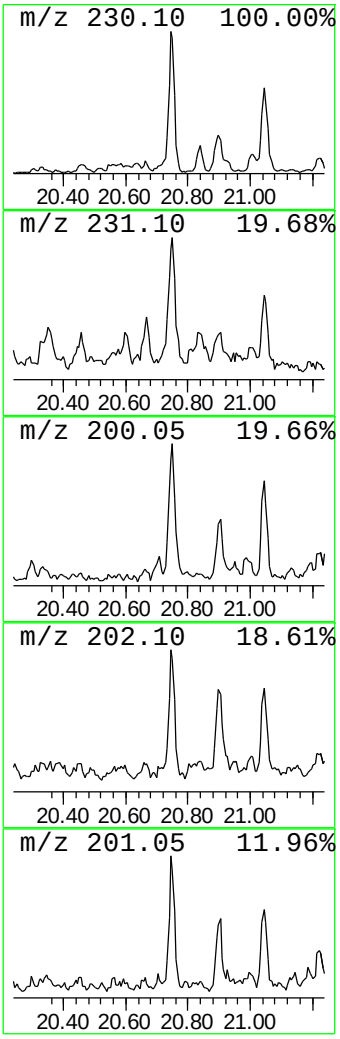
Peak Number 6 7H-Benz[de]anthracen-7-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.31 ng/ul	681212	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
2	Benzonitrile, 4-(2-cyano-2-phenyl...	230	C16H10N2	061469-58-7	72
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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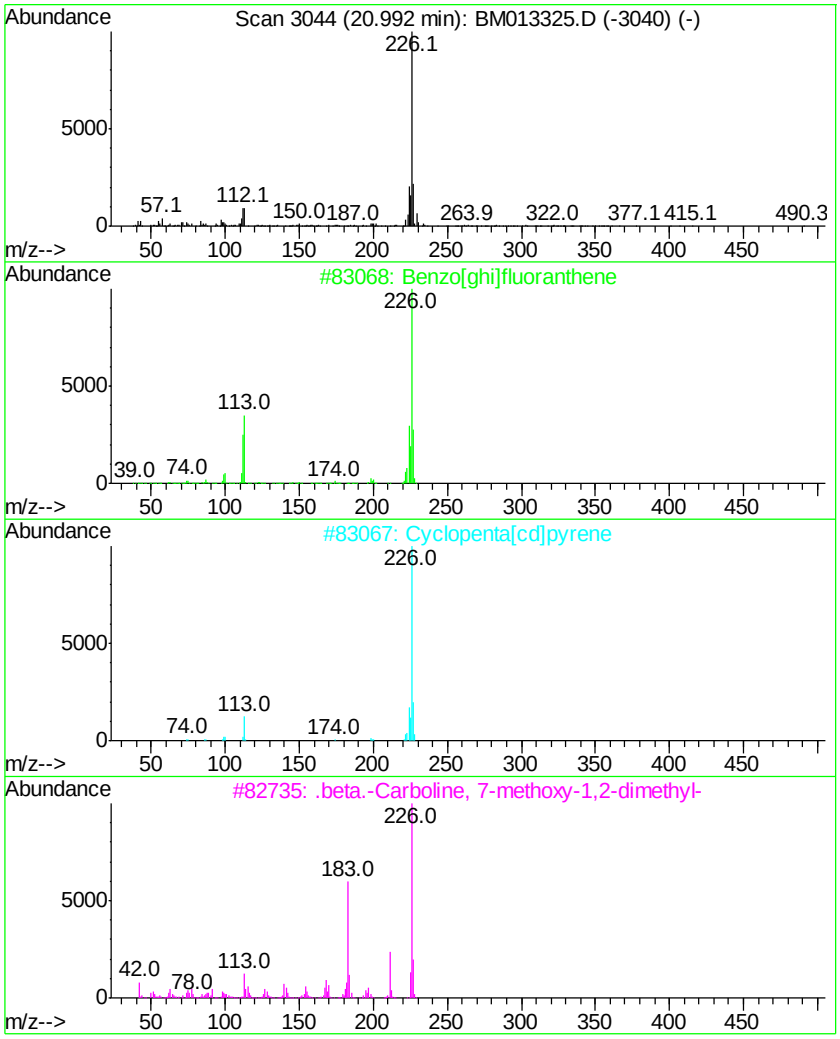
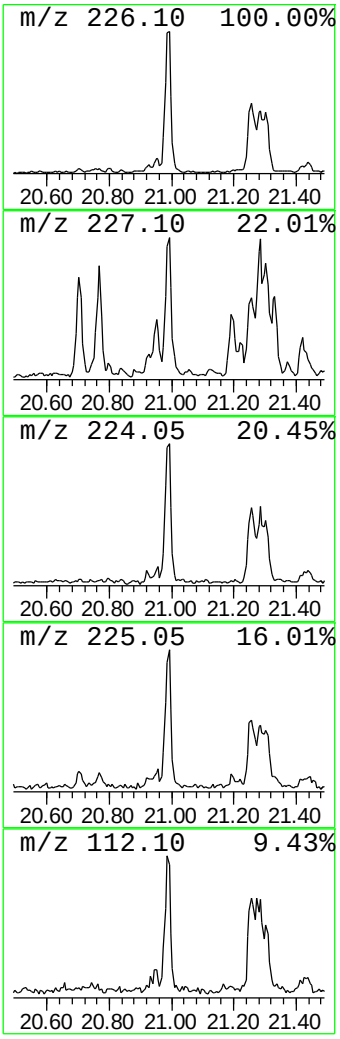
Peak Number 7 Benzo[ghi]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.87 ng/ul	847422	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	74
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	42
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	42





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013325.D
Acq On : 12 Dec 2017 03:43
Operator : SJ/JU
Sample : I6759-10 10X
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA 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(2H)-Acenaphthyl...	16.06	3.8	ng/ul	706869	4	17.08	3698270	20.0
(DEL) Alkane: Str...	17.59	2.1	ng/ul	389238	4	17.08	3698270	20.0
(DEL) Alkane: Str...	18.28	2.2	ng/ul	403604	4	17.08	3698270	20.0
Cyclopenta(def)ph...	19.02	3.3	ng/ul	610395	4	17.08	3698270	20.0
Indeno(1,2,3-ij)i...	19.74	5.6	ng/ul	1644820	5	21.27	5898360	20.0
7H-Benz[de]anthra...	20.74	2.3	ng/ul	681212	5	21.27	5898360	20.0
Benzo[ghi]fluoran...	20.99	2.9	ng/ul	847422	5	21.27	5898360	20.0