LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

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-BG080416.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	7.279	750	756	769	rVB2	275578	520977	0.42%	0.139%
2	7.437	777	783	791	rBV	277780	457793	0.37%	0.122%
3	7.649	811	819	830	rBV	312383	590882	0.48%	0.158%
4	8.119	893	899	904	rBV	763693	1341425	1.09%	0.359%
5	8.172	904	908	926	rVB	503450	951097	0.77%	0.254%
6	8.835	1014	1021	1031	rBV	238311	433334	0.35%	0.116%
7	9.299	1092	1100	1106	rBV	362597	648005	0.53%	0.173%
8	10.028	1217	1224	1231	rBV	366924	679916	0.55%	0.182%
9	10.363	1274	1281	1287	rBV4	73902	174052	0.14%	0.047%
10	10.580	1310	1318	1327	rBV	461102	883927	0.72%	0.236%
11	10.956	1375	1382	1389	rBV	1227321	2214331	1.80%	0.592%
12	11.097	1399	1406	1416	rBV2	146150	315622	0.26%	0.084%
13	12.495	1625	1644	1658	rBV5	285860	1413440	1.15%	0.378%
14	14.187	1923	1932	1936	rBV	925111	1450728	1.18%	0.388%
15	14.234	1936	1940	1946	rVB	486598	727855	0.59%	0.195%
16	14.428	1968	1973	1977	rBV3	93579	170970	0.14%	0.046%
17	14.487	1977	1983	1996	rVB2	982341	1862037	1.51%	0.498%
18	14.792	2025	2035	2043	rBV2	2062749	3635616	2.95%	0.973%
19	15.021	2068	2074	2079	rBV4	229213	529879	0.43%	0.142%
20	15.197	2091	2104	2111	rBV	1117642	2339741	1.90%	0.626%
21	15.256	2112	2114	2125	rVB4	123023	205355	0.17%	0.055%
22	15.614	2170	2175	2180	rBV2	224868	368147	0.30%	0.098%
23	15.785	2199	2204	2210	rVB	1333914	1985457	1.61%	0.531%
24	15.844	2210	2214	2221	rVB3	108477	199985	0.16%	0.054%
25	15.914	2222	2226	2234	rBV2	176601	308606	0.25%	0.083%
26	16.290	2285	2290	2295	rBV6	84677	189224	0.15%	0.051%
27	16.478	2318	2322	2325	rBV2	140862	212750	0.17%	0.057%
28	16.648	2342	2351	2358	rBV2	301838	620532	0.50%	0.166%
29	16.854	2377	2386	2390	rBV7	123873	355865	0.29%	0.095%
30	16.924	2390	2398	2406	rVV2	530136	1121959	0.91%	0.300%
31	17.077	2418	2424	2429	rBV10	100163	230141	0.19%	0.062%
32	17.206	2442	2446	2452	rBV2	98310	180341	0.15%	0.048%
33	17.277	2454	2458	2463	rVV2	157024	210100	0.17%	0.056%
34	17.371	2471	2474	2480	rVB	128059	189906	0.15%	0.051%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

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-BG080416.M
Title : SVOA CALIBRATION

35	17.559	2499	2506	2509	rBV2	2377562	3922026	3.18%	1.049%
36	17.600	2509	2513	2518	rVB	1676059	2453971	1.99%	0.657%
37	17.653	2518	2522	2527	rBV2	1309929	1965205	1.60%	0.526%
38	17.753	2532	2539	2548	rBV	1898923	4333902	3.52%	1.160%
39	18.140	2602	2605	2612	rVB2	251720	365847	0.30%	0.098%
40	18.287	2626	2630	2638	rVB	132626	294477	0.24%	0.079%
41	18.434	2646	2655	2660	rBV	4739501	8401621	6.82%	2.248%
42	18.481	2660	2663	2673	rVV2	1243674	2559263	2.08%	0.685%
43	18.563	2675	2677	2682	rVV3	240940	368993	0.30%	0.099%
44	18.622	2682	2687	2692	rVV3	925828	1830222	1.49%	0.490%
45	18.669	2692	2695	2700	rVB	712556	962756	0.78%	0.258%
46	18.828	2719	2722	2726	rVB3	152186	200186	0.16%	0.054%
47	18.933	2735	2740	2743	rBV2	340398	501037	0.41%	0.134%
48	18.980	2744	2748	2751	rVB4	280712	390302	0.32%	0.104%
49	19.174	2773	2781	2786	rBV4	376778	979424	0.80%	0.262%
50	19.227	2786	2790	2793	rVV	525845	627647	0.51%	0.168%
51	19.262	2794	2796	2801	rVB	319414	396550	0.32%	0.106%
52	19.345	2805	2810	2812	rBV	1204642	1738485	1.41%	0.465%
53	19.374	2812	2815	2824	rVB3	1614160	3394407	2.76%	0.908%
54	19.492	2830	2835	2840	rBV4	388504	863086	0.70%	0.231%
55	19.550	2841	2845	2851	rVV	1203534	1850793	1.50%	0.495%
56	19.615	2851	2856	2862	rVB	2645613	4255633	3.45%	1.139%
57	19.703	2865	2871	2879	rBV	3595989	5656772	4.59%	1.513%
58	19.950	2908	2913	2915	rBV2	1451865	2306508	1.87%	0.617%
59	19.979	2915	2918	2925	rVB	3271829	4802809	3.90%	1.285%
60	20.044	2925	2929	2936	rBV	512666	829773	0.67%	0.222%
61	20.255	2961	2965	2969	rBV2	1626447	2070583	1.68%	0.554%
62	20.467	2992	3001	3008	rVB4	695795	2041718	1.66%	0.546%
63	20.631	3025	3029	3032	rBV	559985	787049	0.64%	0.211%
64	20.772	3049	3053	3054	rBV	698575	880486	0.71%	0.236%
65	20.807	3054	3059	3070	rVB2	6944140	11108987	9.02%	2.972%
66	21.207	3122	3127	3131	rBV	1741845	2450527	1.99%	0.656%
67	21.307	3138	3144	3150	rBV	2080250	4240413	3.44%	1.135%
68	21.371	3150	3155	3162	rVV2	8592720	15113878	12.27%	4.044%
69	21.459	3162	3170	3177	rVV	10669840	23063596	18.72%	6.171%
70	21.536	3180	3183	3186	rVV2	1022626	1505825	1.22%	0.403%
71	21.583	3187	3191	3198	rVB	2554225	4110993	3.34%	1.100%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

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-BG080416.M
Title : SVOA CALIBRATION

72	21.788	3212	3226	3230	rBV	41538544	123177880	100.00%	32.956%
73	21.882	3235	3242	3247	rVV3	2480311	6252725	5.08%	1.673%
74	21.965	3247	3256	3262	rVB2	7670859	13767772	11.18%	3.684%
75	22.623	3361	3368	3374	rBV	6813649	11780134	9.56%	3.152%
76	23.022	3429	3436	3442	rBV	6713724	12649594	10.27%	3.384%
77	23.369	3487	3495	3516	rVB	5084914	12196974	9.90%	3.263%
78	24.232	3632	3642	3654	rBV2	4134541	12670555	10.29%	3.390%
79	24.450	3675	3679	3693	rVB5	654390	1704569	1.38%	0.456%
80	24.690	3712	3720	3729	rBV	3453168	8950250	7.27%	2.395%
81	24.826	3738	3743	3757	rVB7	685690	2204817	1.79%	0.590%
82	24.984	3765	3770	3777	rVB2	576278	1409761	1.14%	0.377%
83	25.143	3792	3797	3805	rVB2	833326	2088585	1.70%	0.559%
84	25.248	3807	3815	3820	rBV	1807224	4691292	3.81%	1.255%
85	26.453	4013	4020	4034	rVB2	1105489	3708321	3.01%	0.992%
86	26.981	4102	4110	4128	rVB	885302	3315845	2.69%	0.887%
87	27.904	4263	4267	4281	rVB2	557467	1844515	1.50%	0.494%

Sum of corrected areas: 373759334

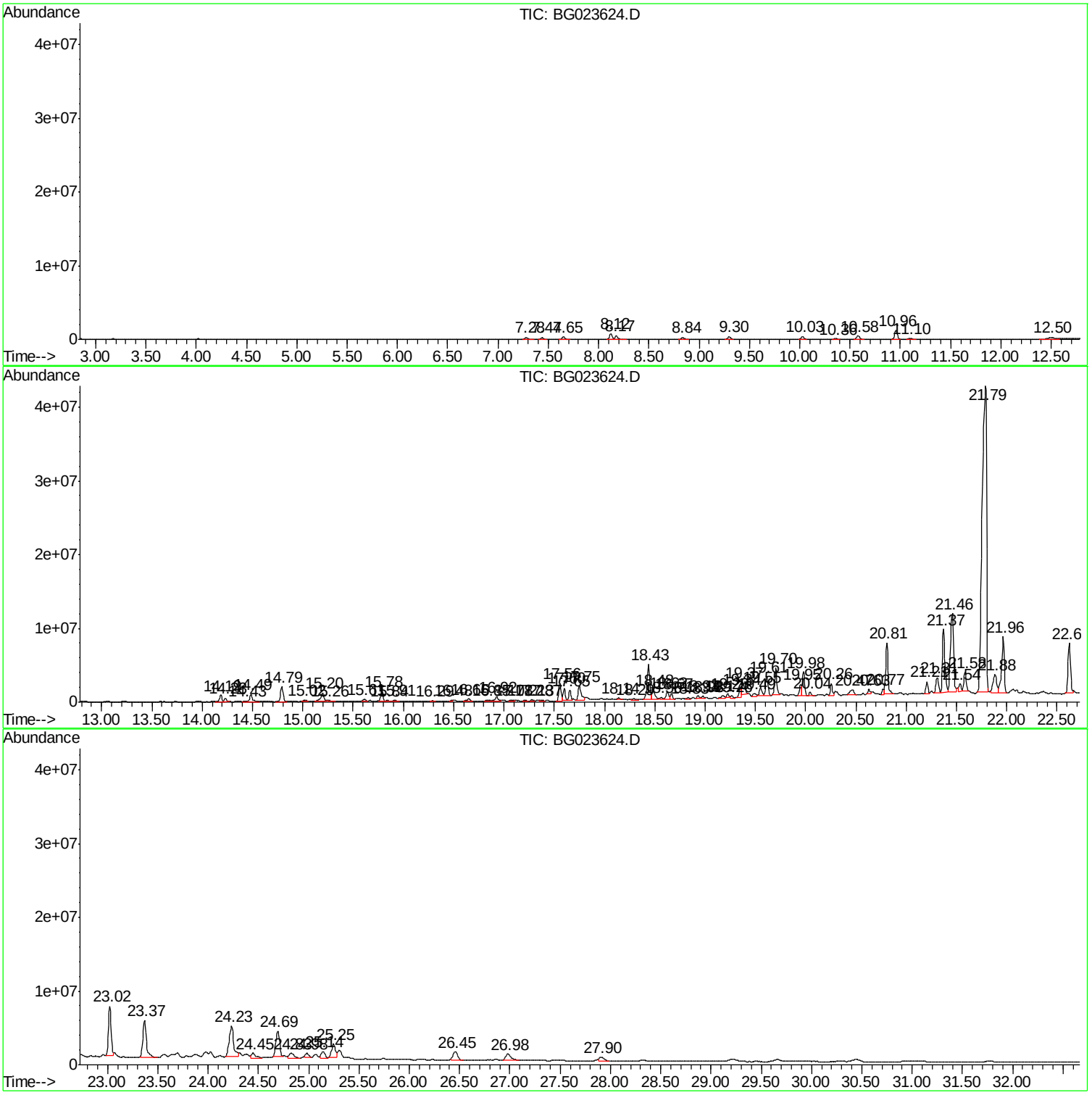
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

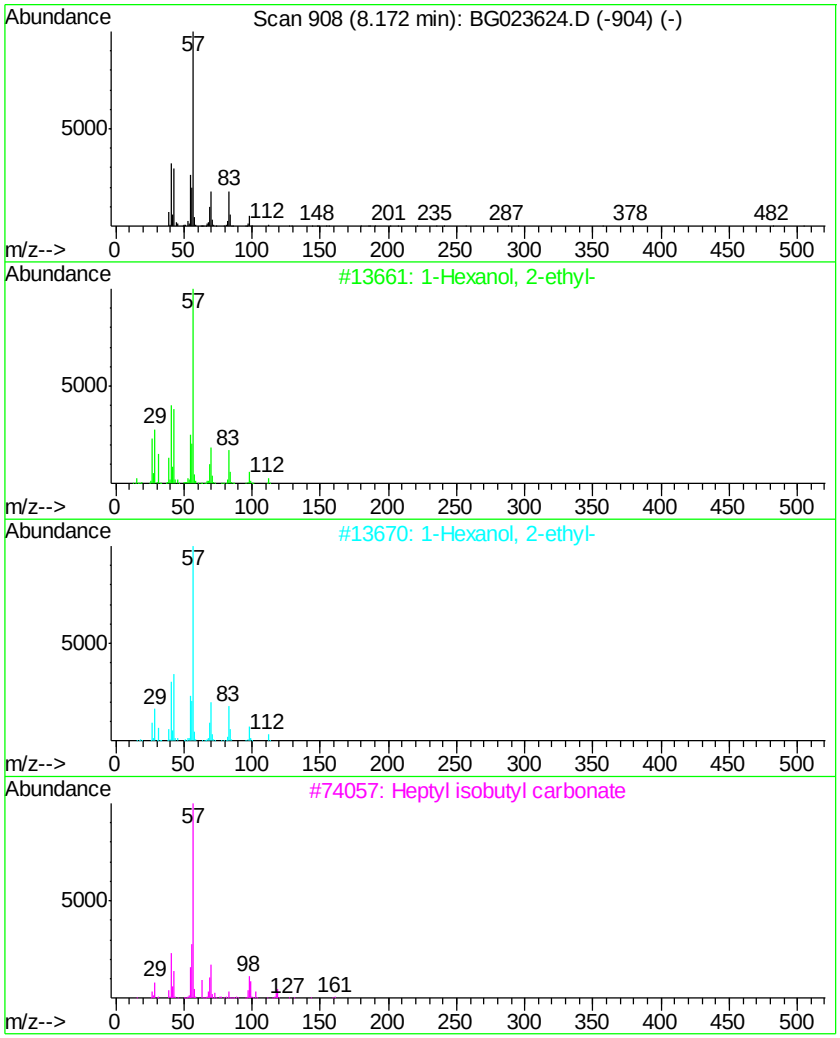
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

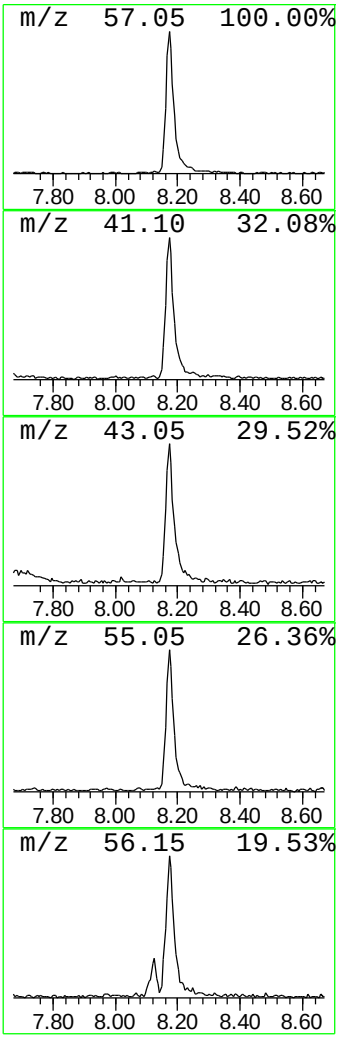
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	14.18 ng/ul	951097	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

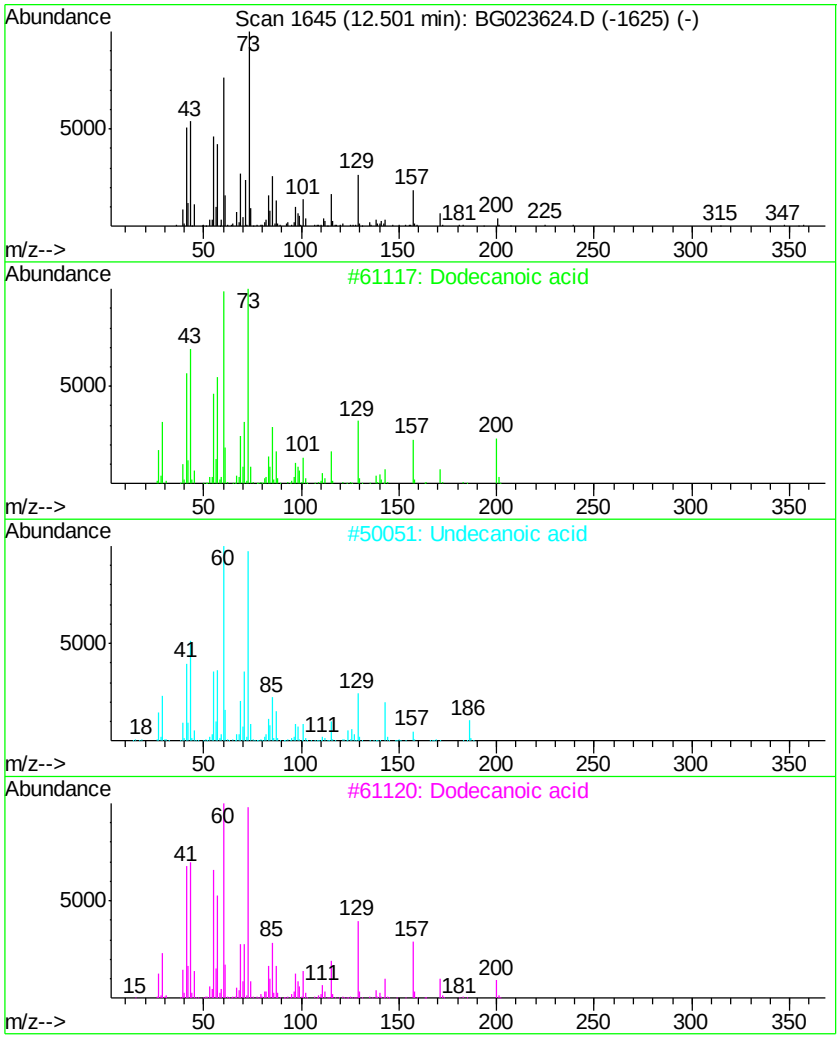
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

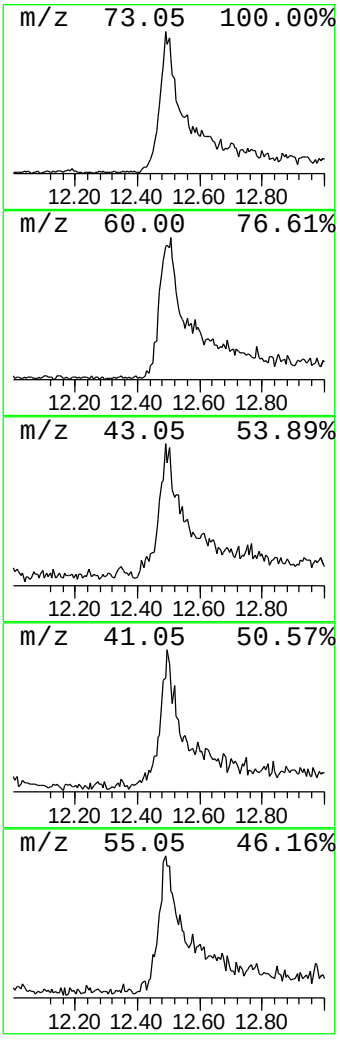
****

Peak Number 2 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	12.77 ng/ul	1413440	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

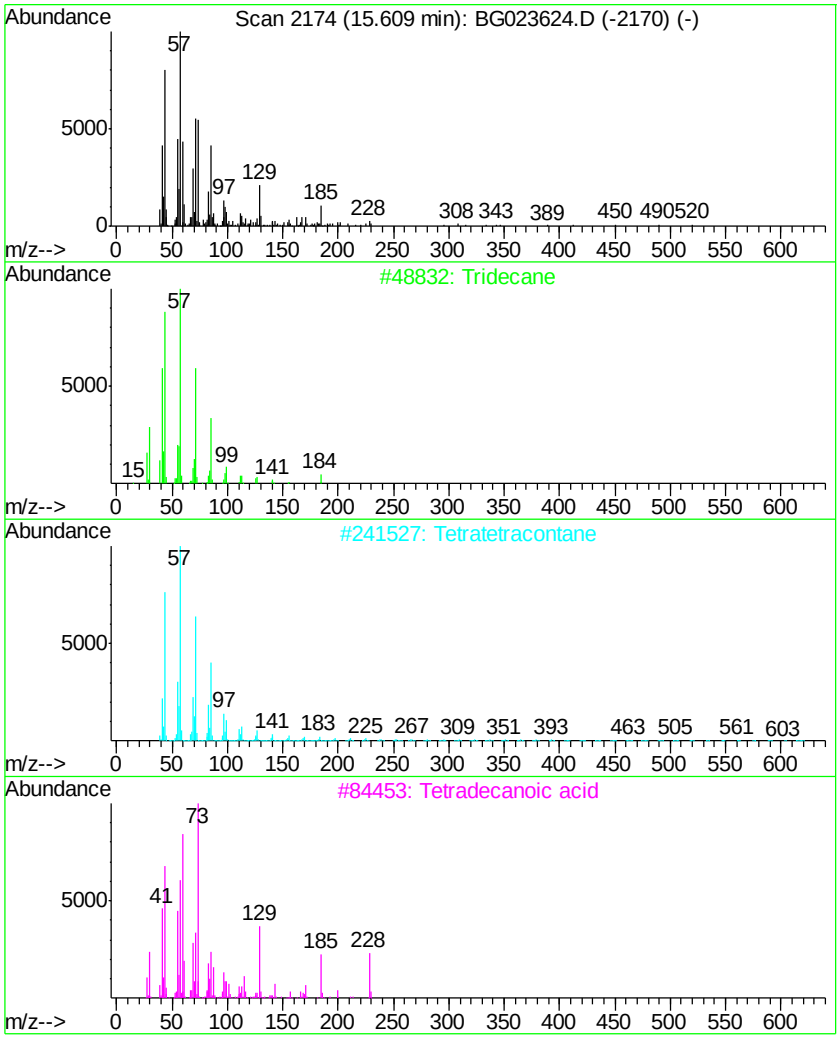
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

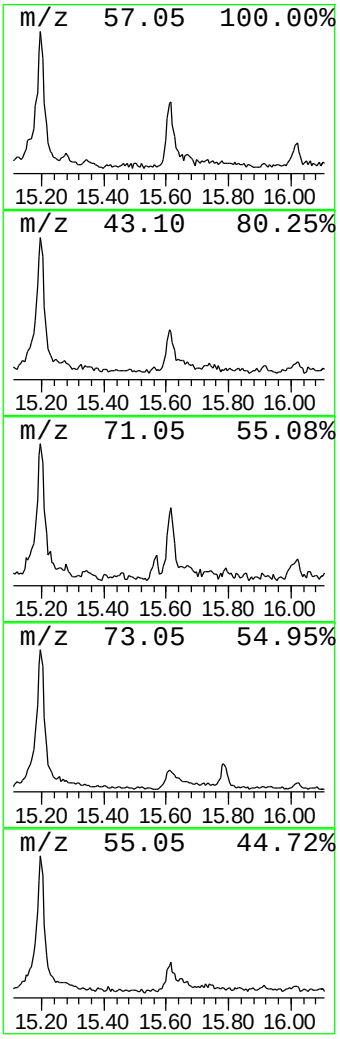
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.03 ng/ul	368147	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tetratetracontane	619	C44H90	007098-22-8	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	10-Methylnonadecane	282	C20H42	056862-62-5	49
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

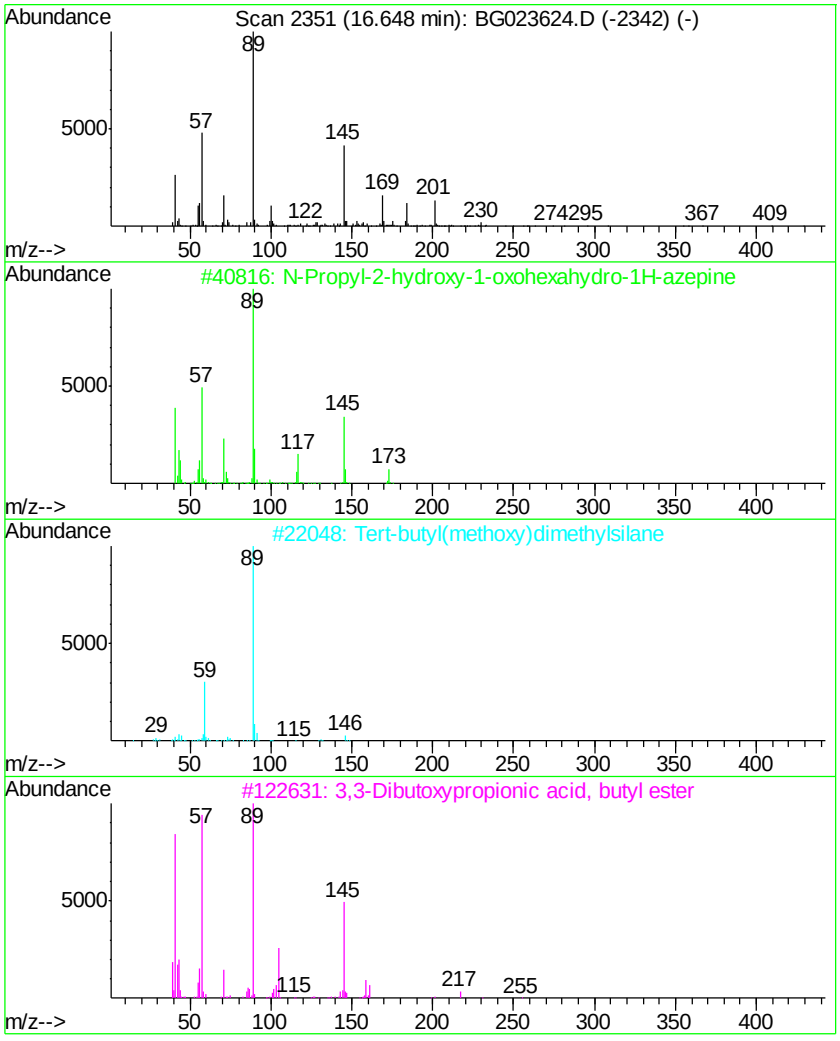
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

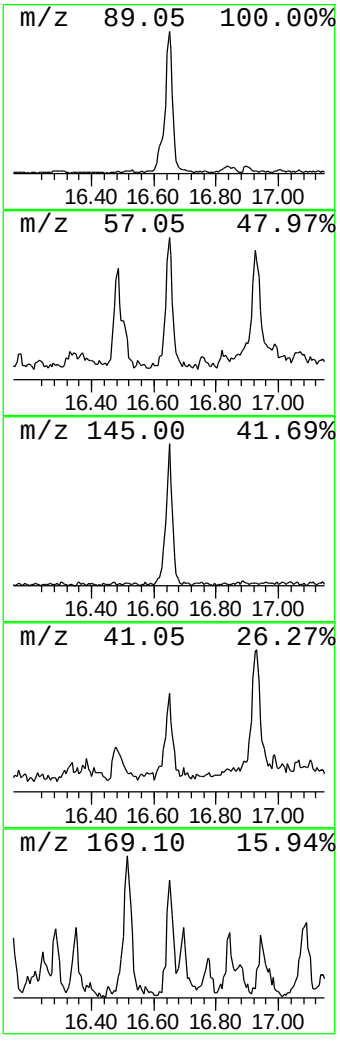
****

Peak Number 5 N-Propyl-2-hydroxy-1-oxohex... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.16 ng/ul	620532	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Propyl-2-hydroxy-1-oxohexahydr...	173	C9H19NO2	1000131-98-4	72
2	Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	45
3	3,3-Dibutoxypropionic acid, buty...	274	C15H30O4	021705-34-0	40
4	ENT-337	246	C12H22O5	006280-99-5	40
5	ENT-337	246	C12H22O5	006280-99-5	39





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

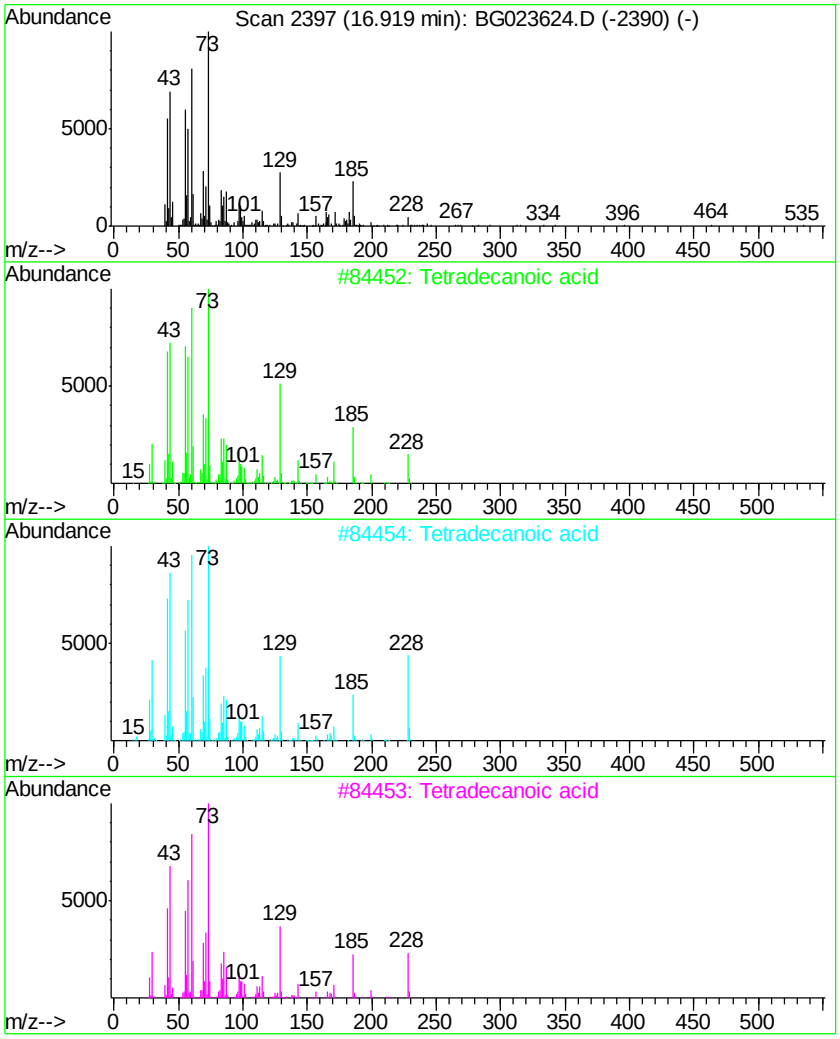
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

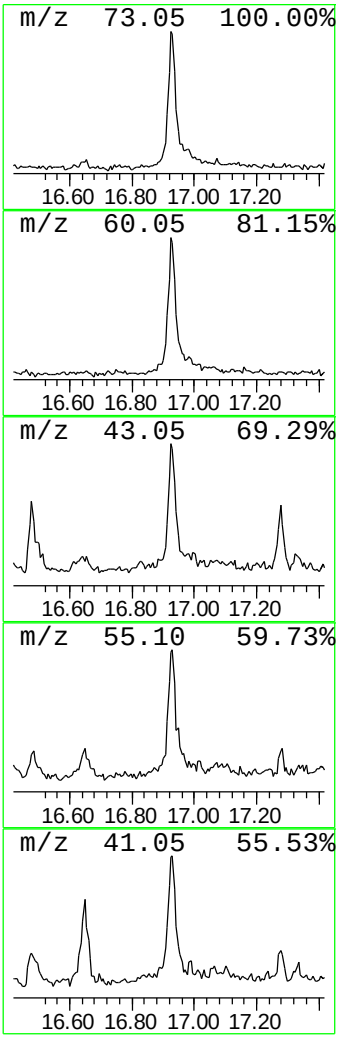
****

Peak Number 6 Tetradecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	5.72 ng/ul	1121960	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

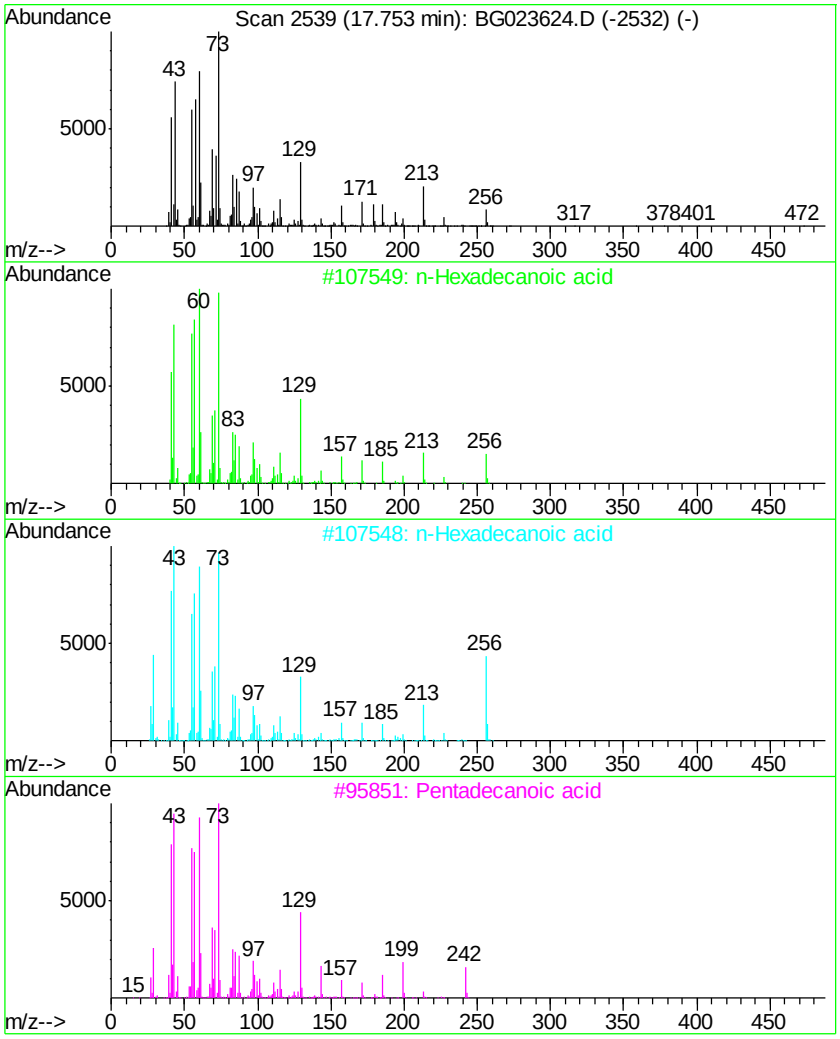
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

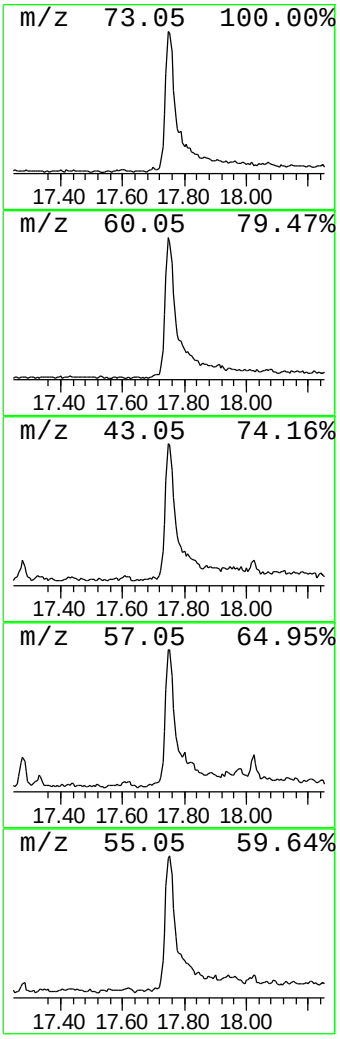
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	22.10 ng/ul	4333900	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

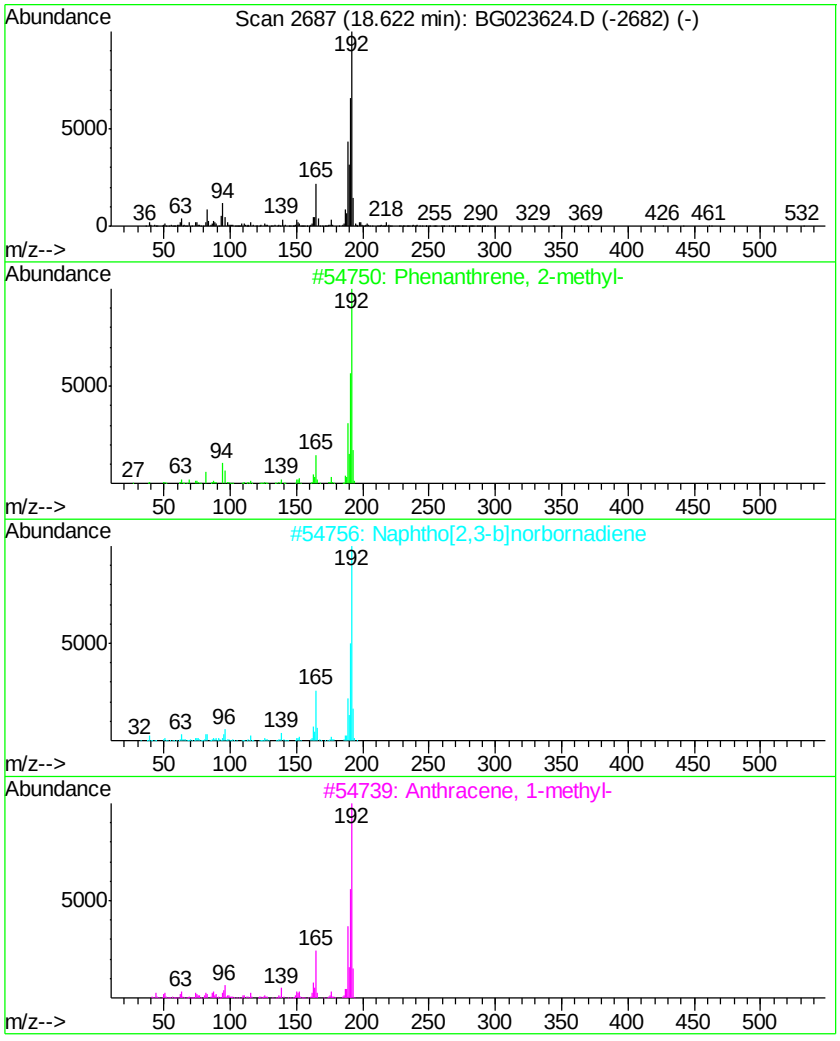
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

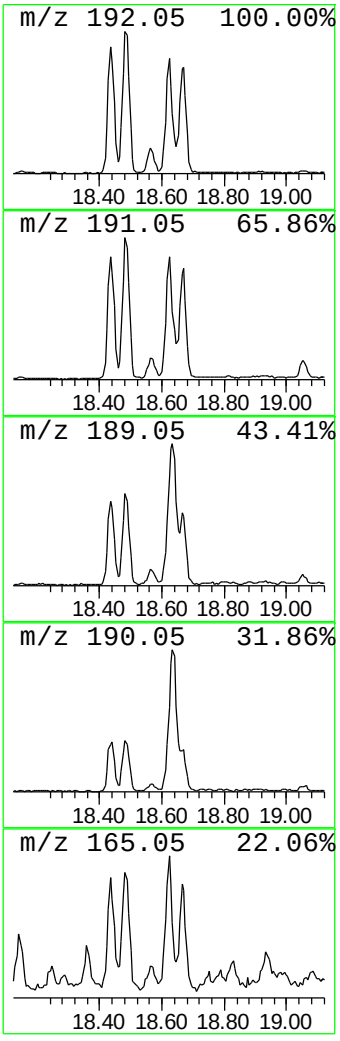
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	9.33 ng/ul	1830220	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

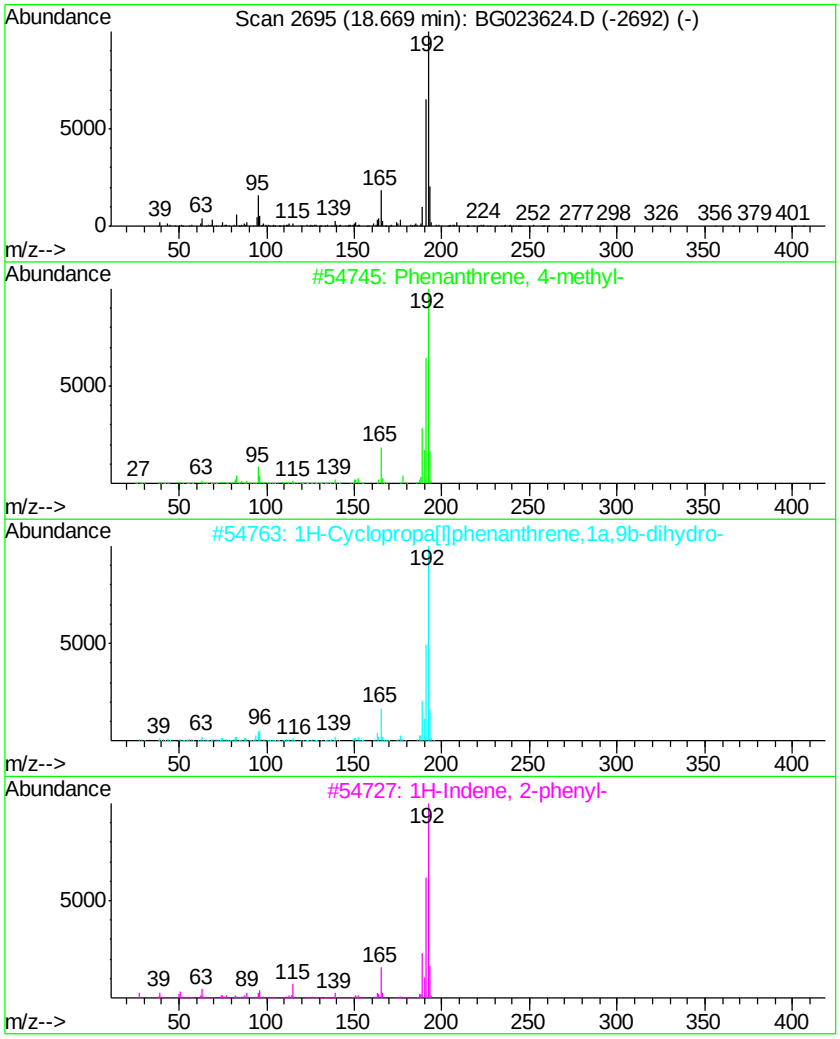
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

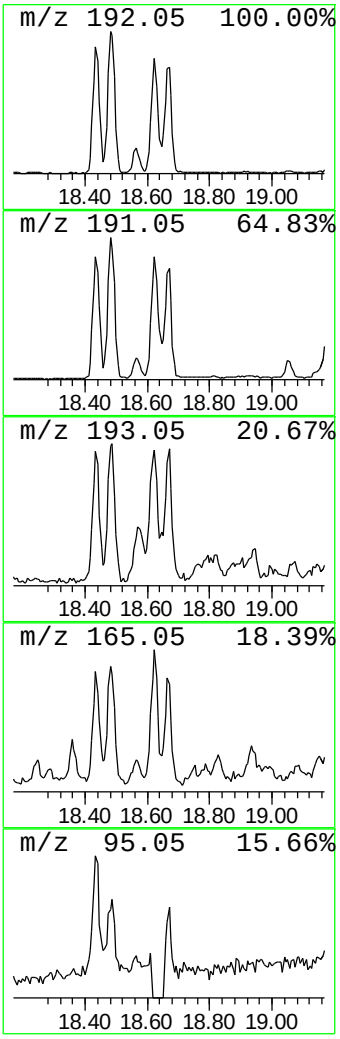
****

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.91 ng/ul	962756	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

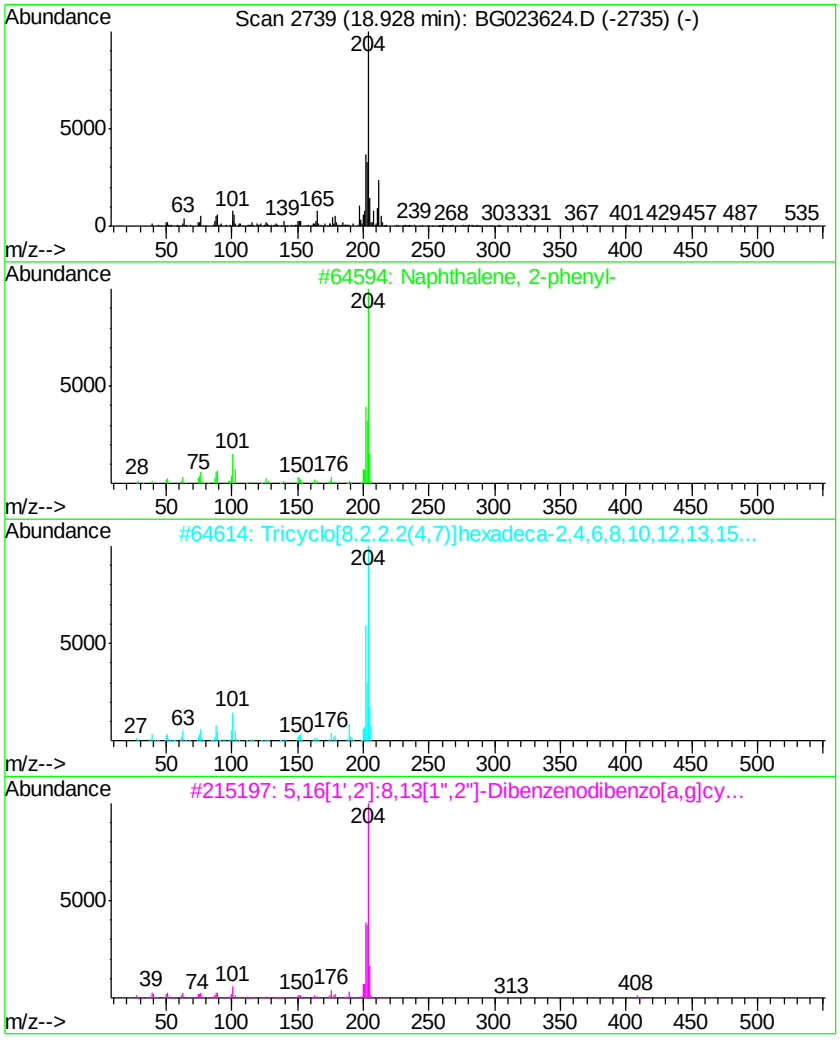
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

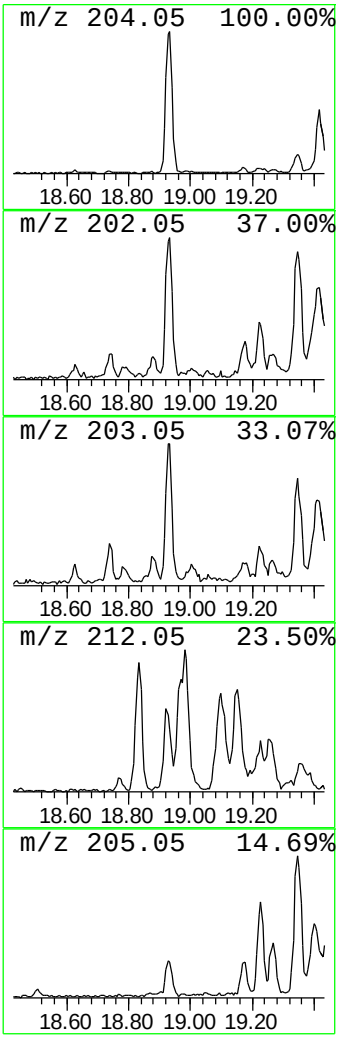
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.55 ng/ul	501037	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

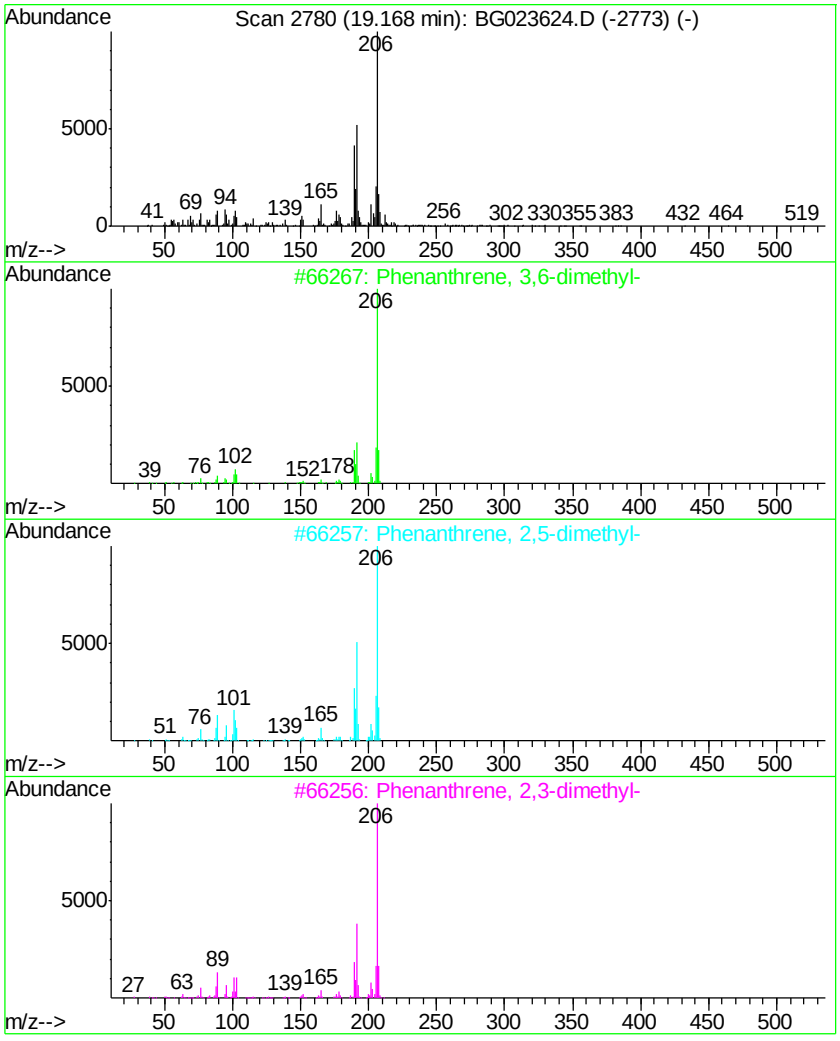
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

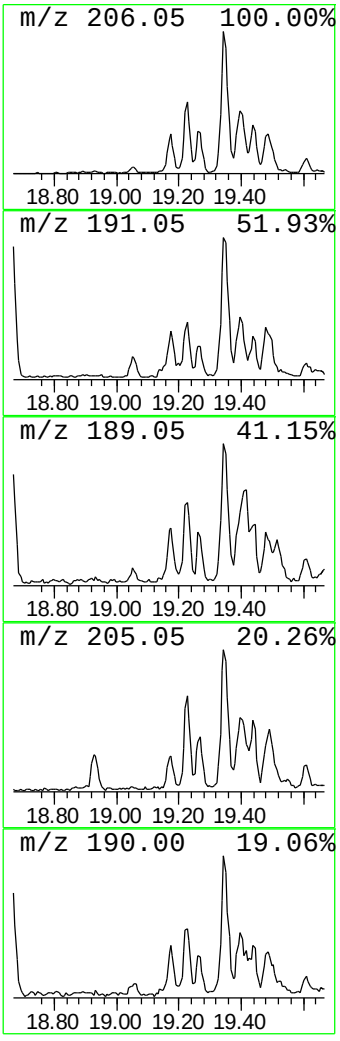
****

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.99 ng/ul	979424	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

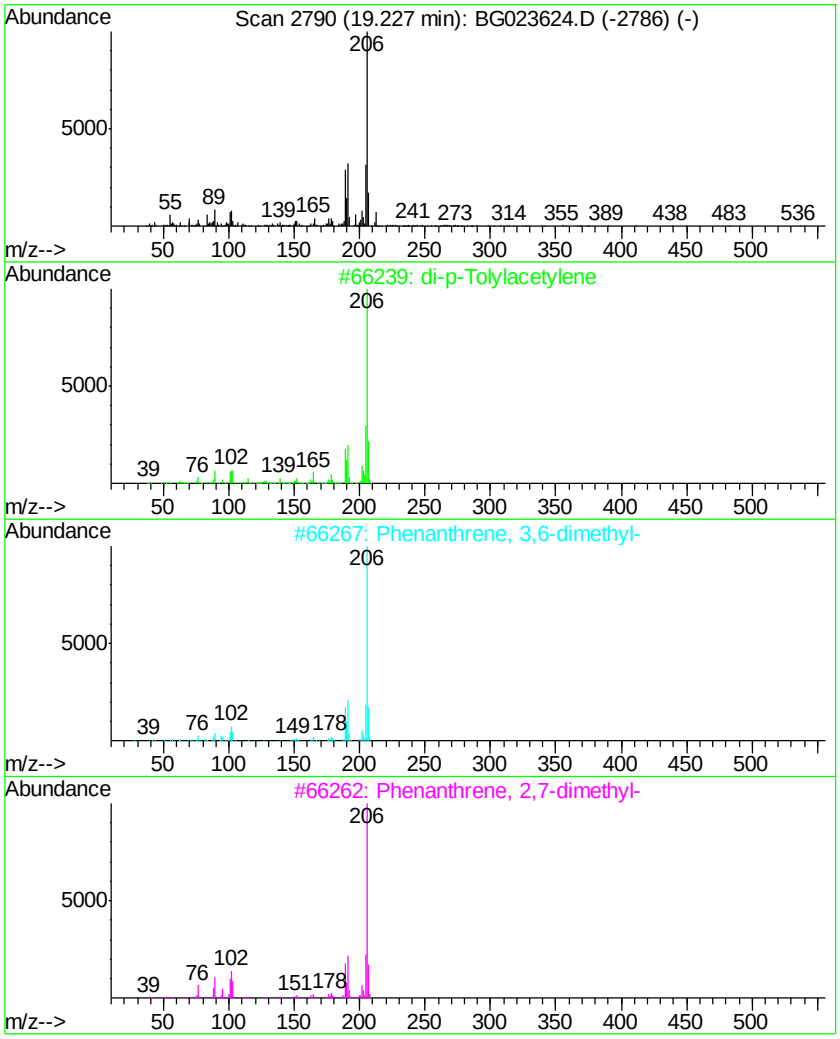
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

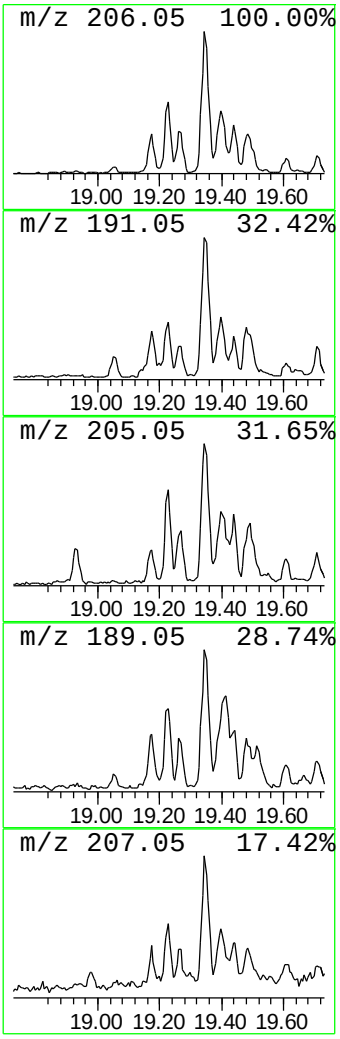
****

Peak Number 13 di-p-Tolylacetylene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.20 ng/ul	627647	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

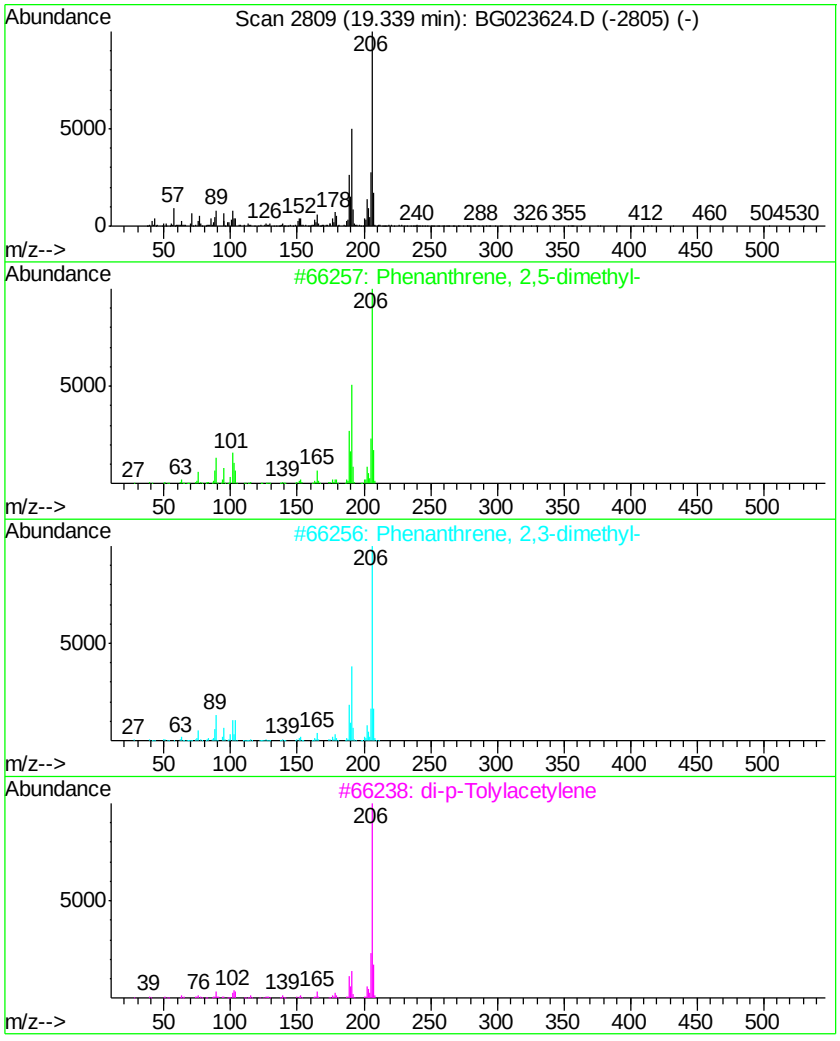
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

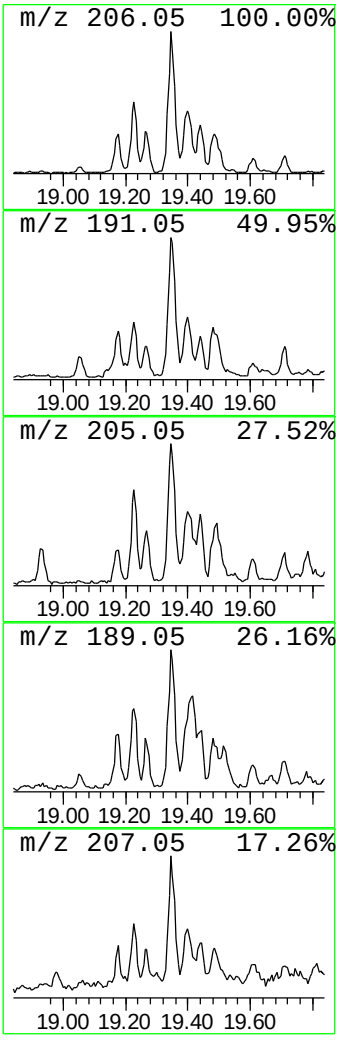
****

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	8.87 ng/ul	1738490	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

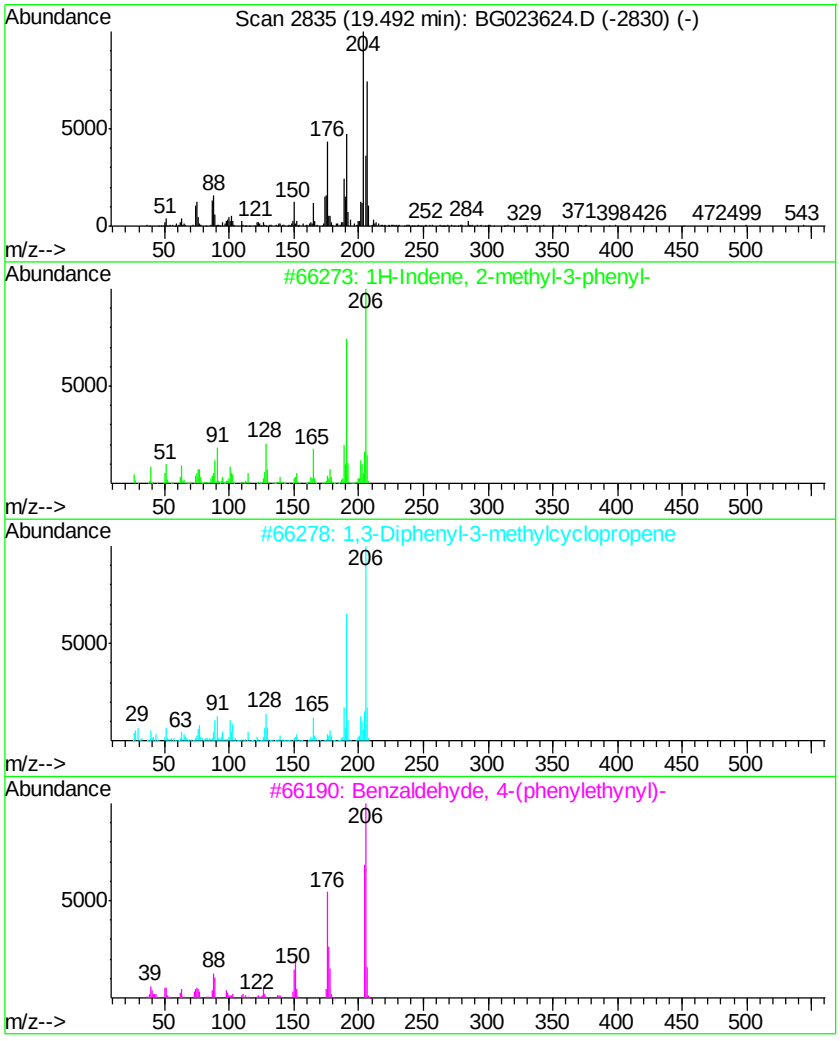
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

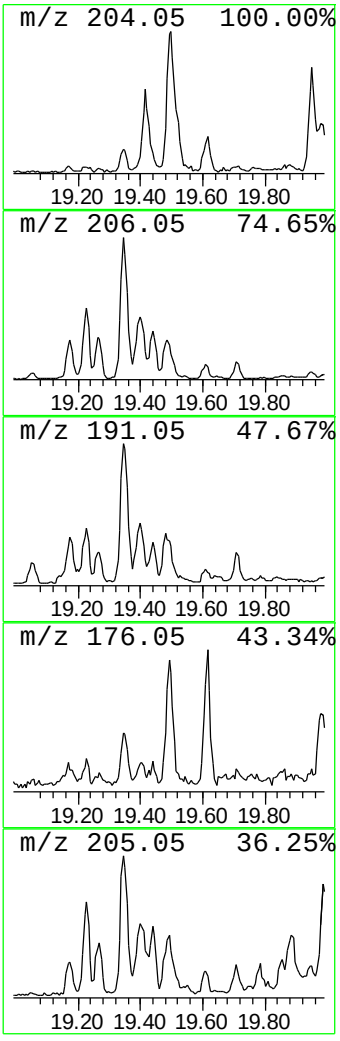
****

Peak Number 17 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	4.40 ng/ul	863086	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50
3	Benzaldehyde, 4-(phenylethynyl)-	206	C15H10O	057341-98-7	46
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	45
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

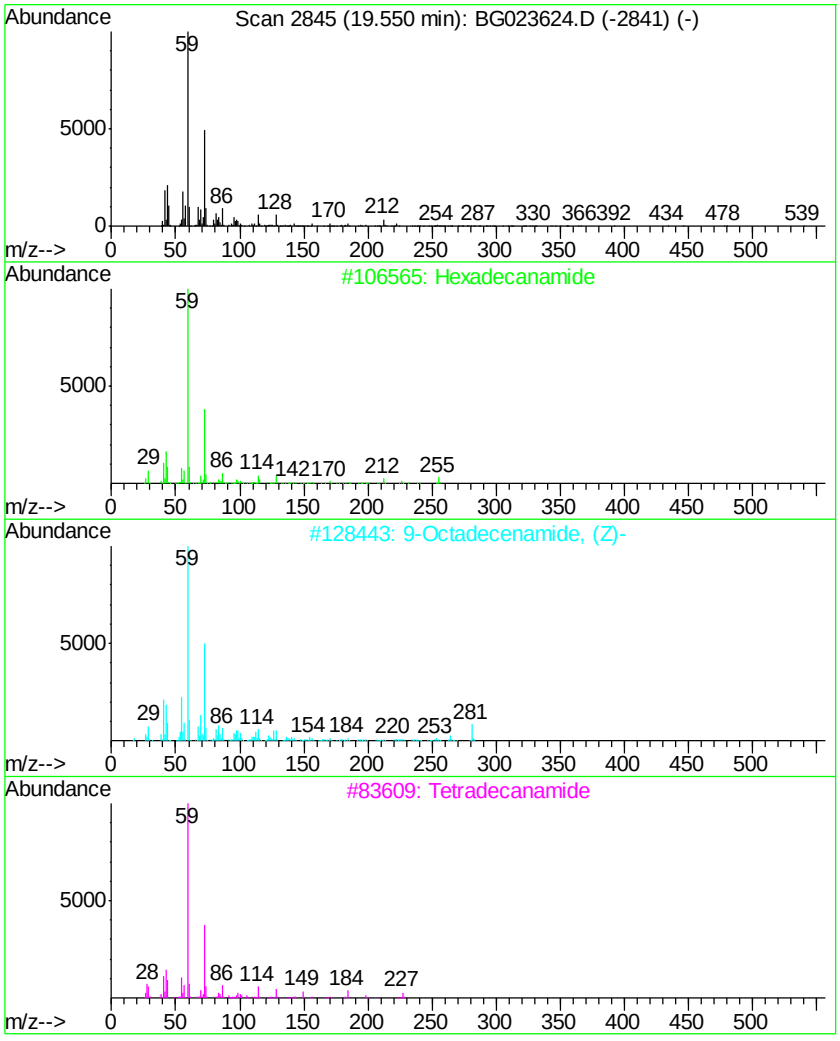
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

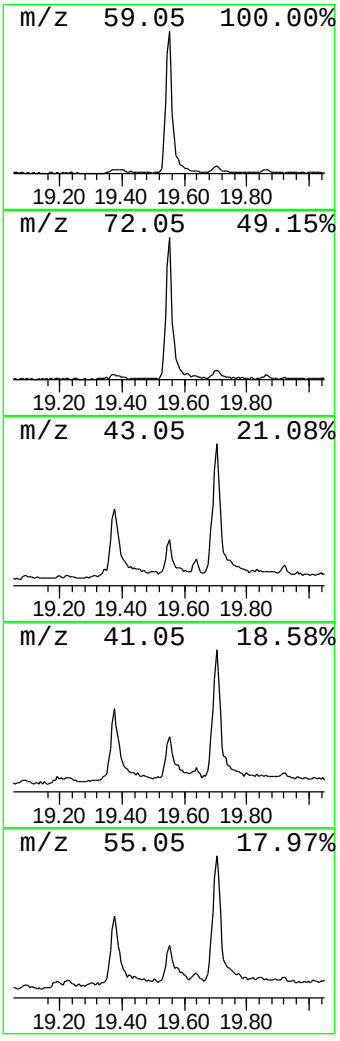
****

Peak Number 18 Hexadecanamide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	9.44 ng/ul	1850790	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	86
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Octadecanamide	283	C18H37NO	000124-26-5	78
5	Decanamide-	171	C10H21NO	002319-29-1	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

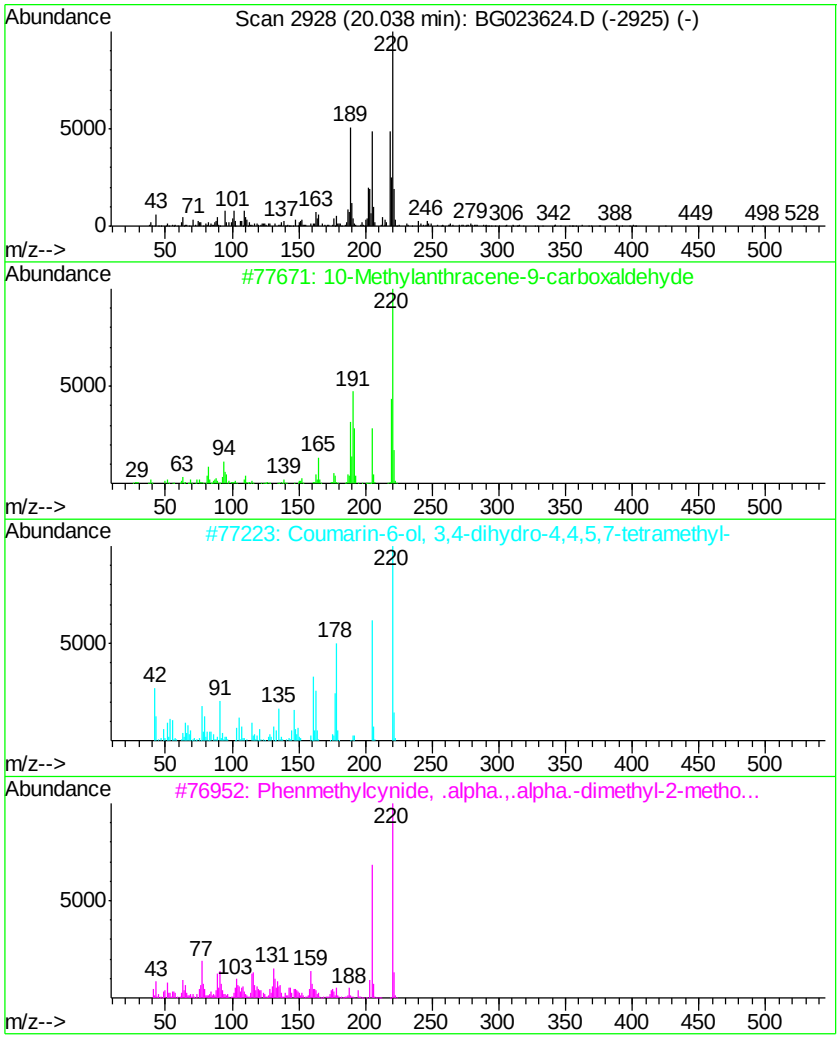
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

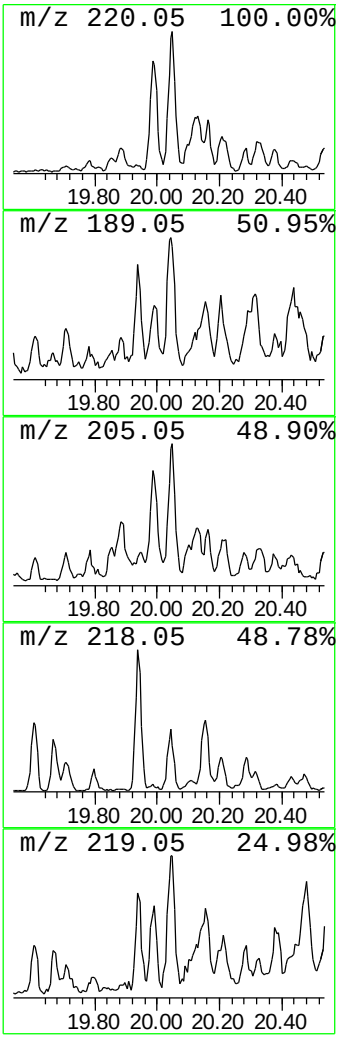
****

Peak Number 20 10-Methylanthracene-9-carbo... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.65 ng/ul	829773	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	55
2	Coumarin-6-ol, 3,4-dihydro-4,4,5...	220	C13H16O3	050442-68-7	43
3	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	43
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	43
5	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

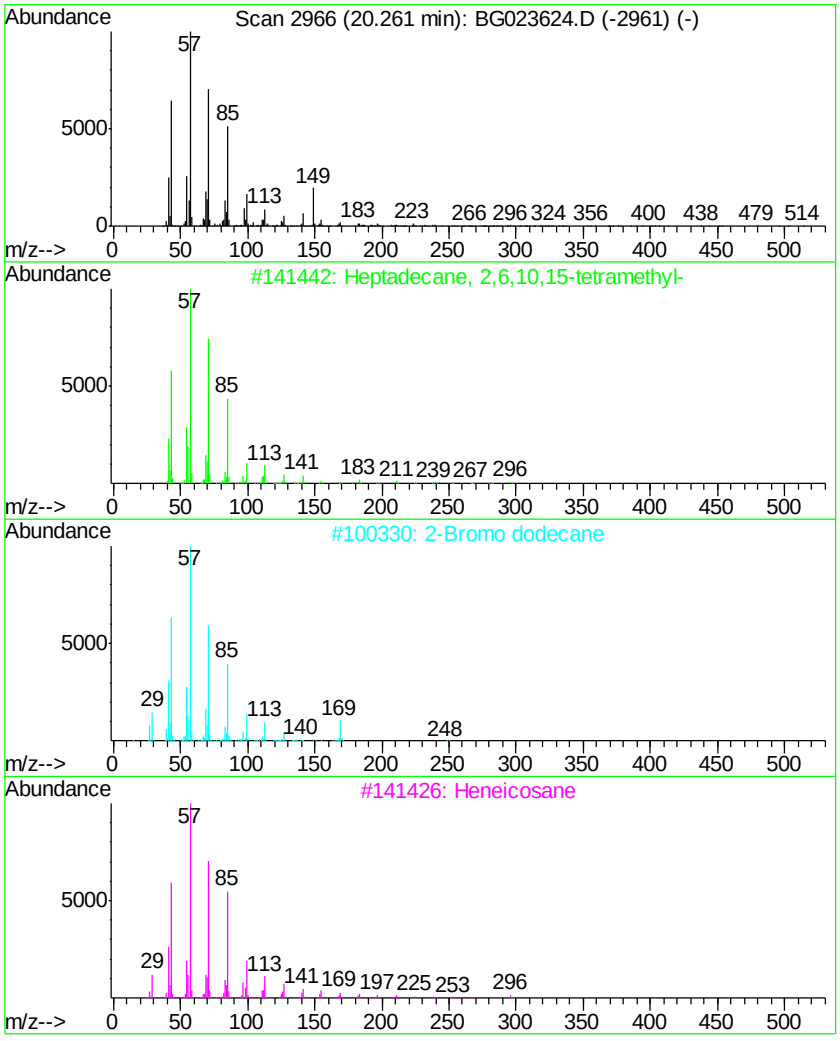
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

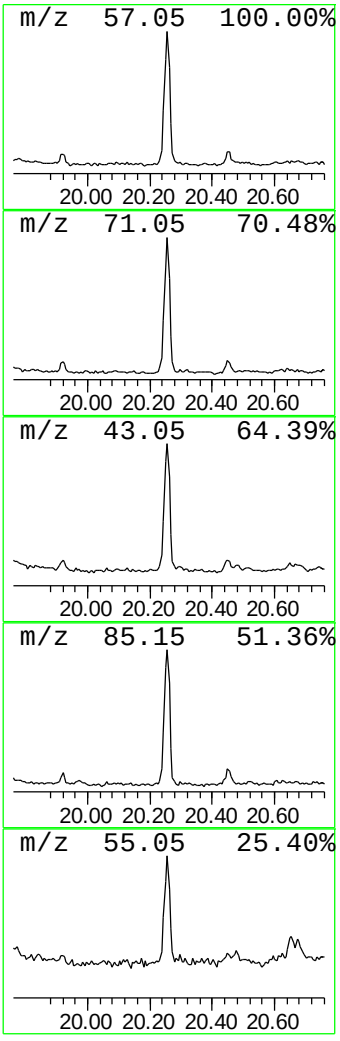
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	6.62 ng/ul	2070580	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

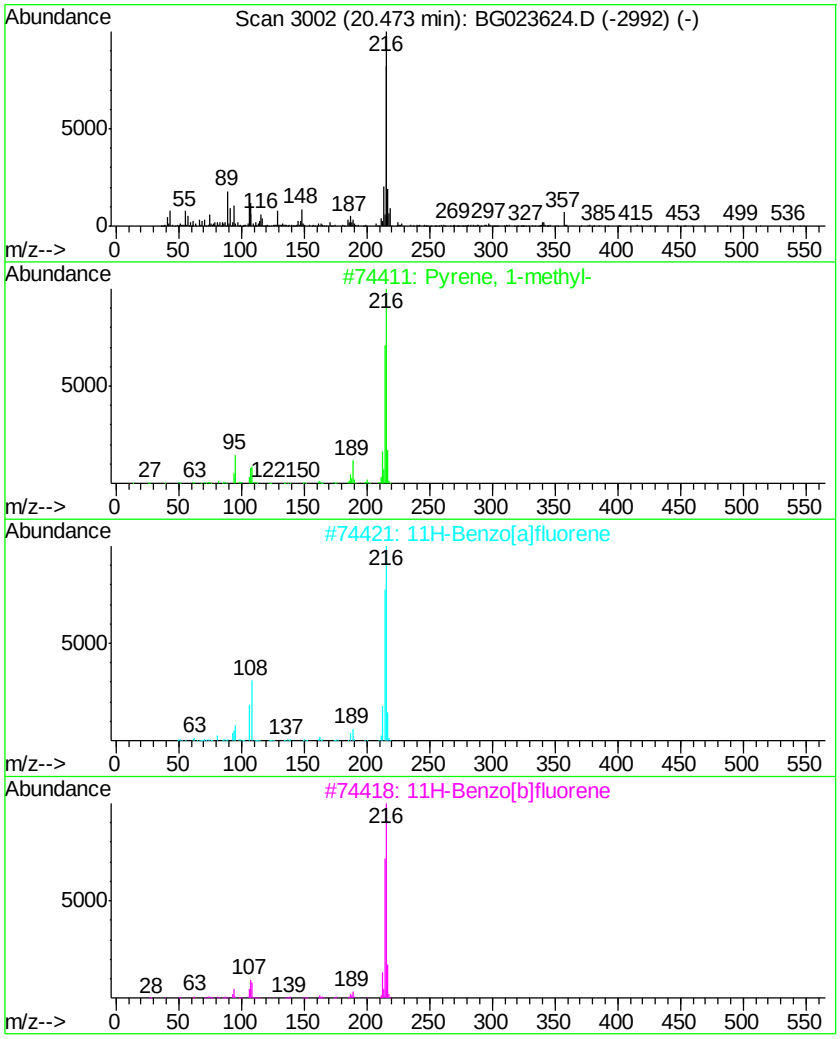
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

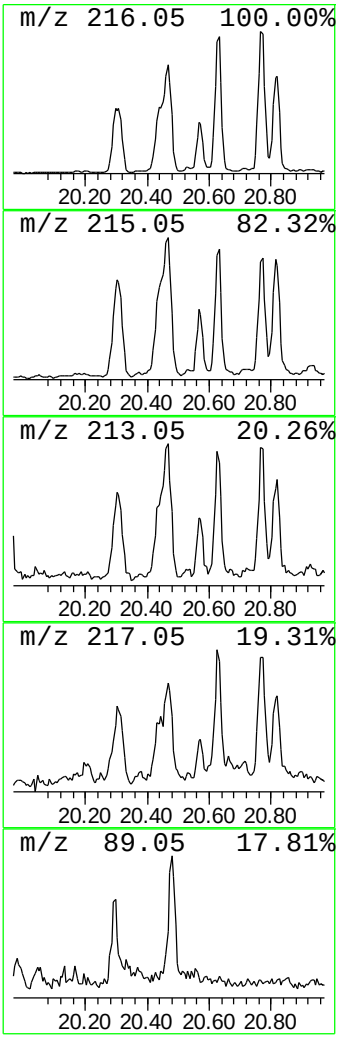
****

Peak Number 22 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	6.53 ng/ul	2041720	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

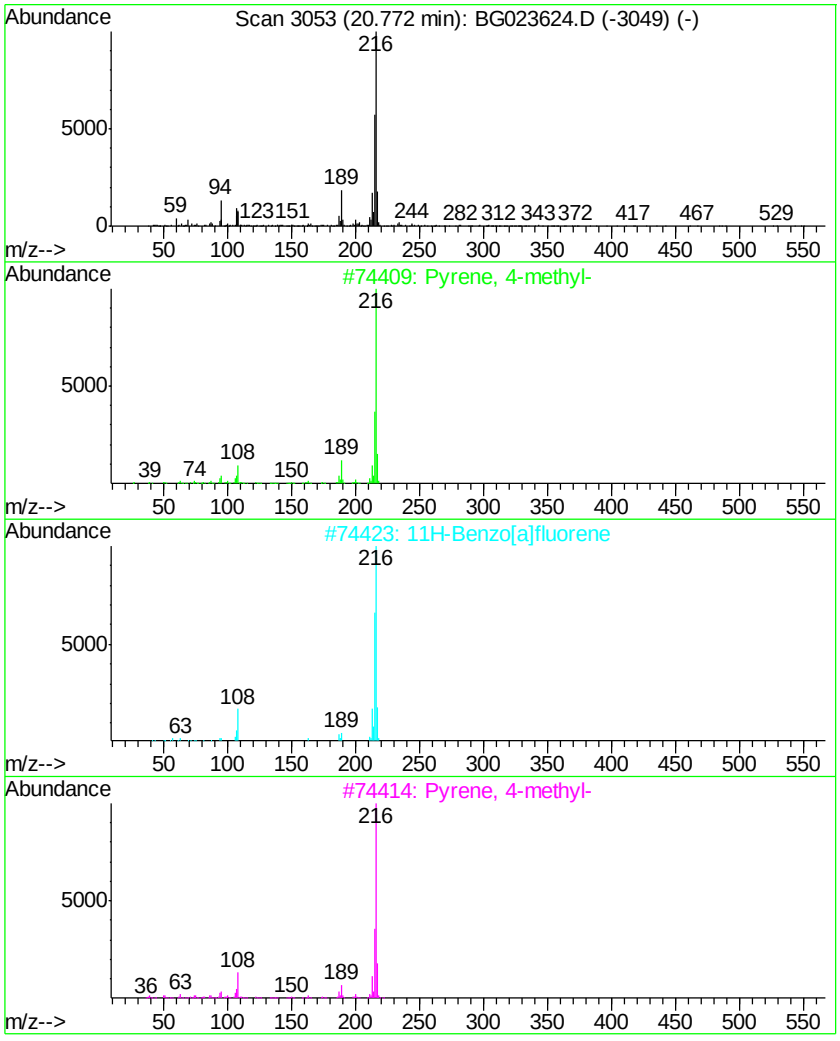
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

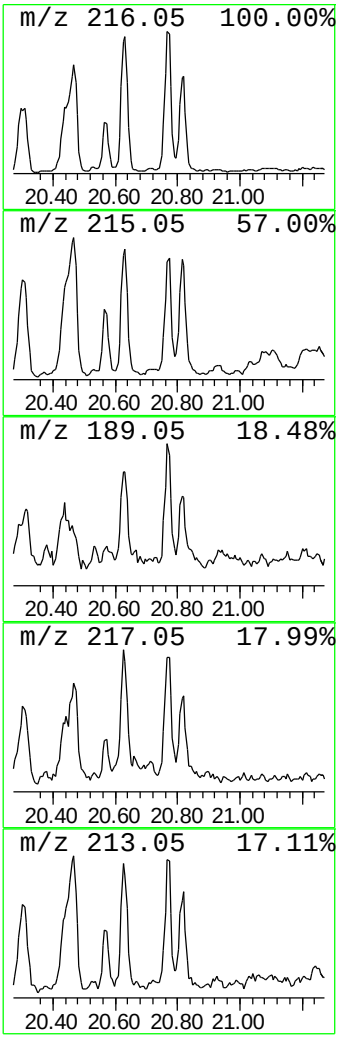
****

Peak Number 24 Pyrene, 4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.82 ng/ul	880486	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

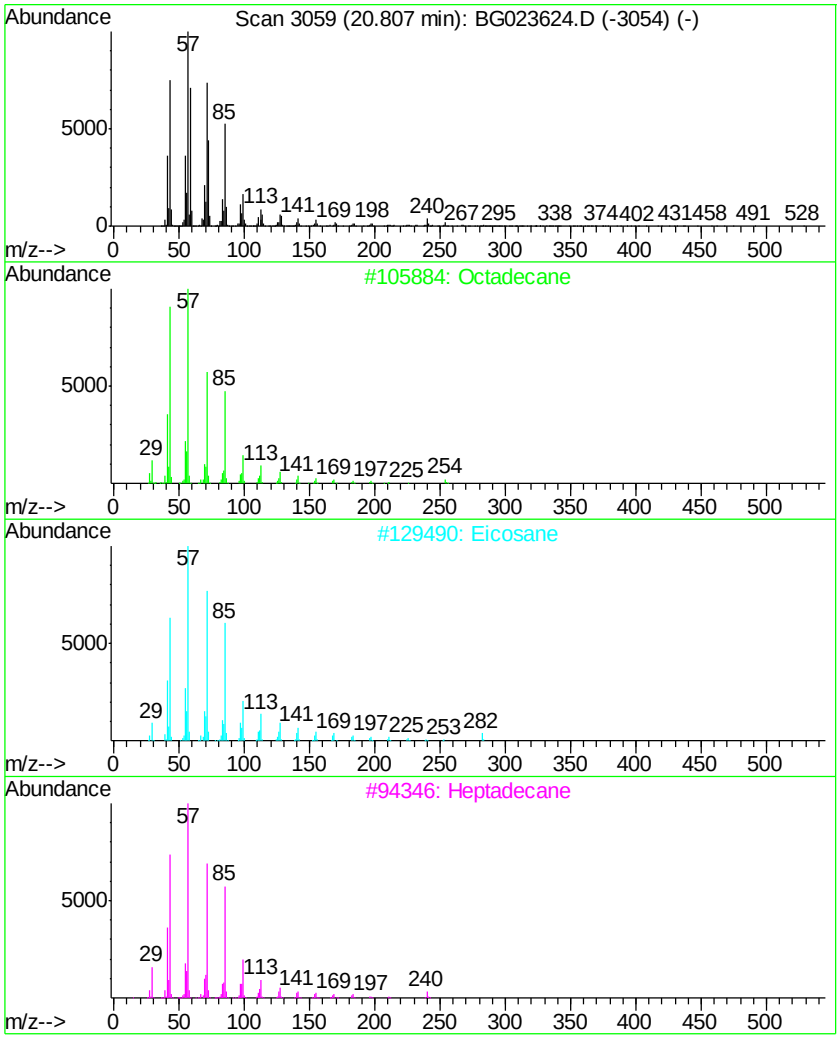
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

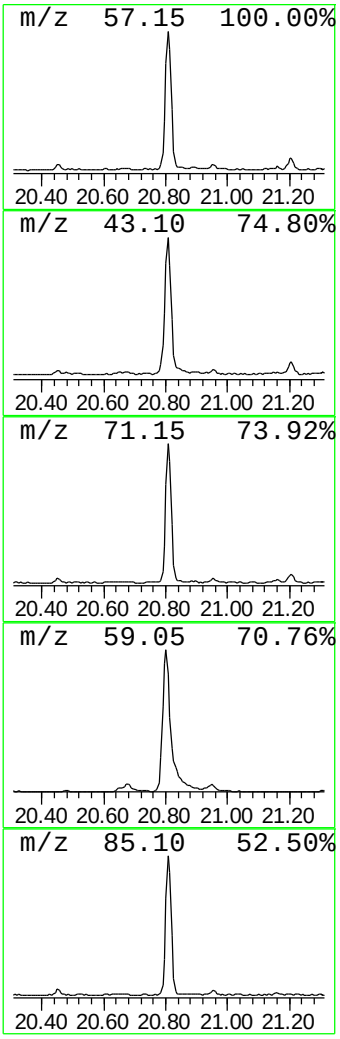
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	35.53 ng/ul	11109000	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Eicosane	282	C20H42	000112-95-8	92
3	Heptadecane	240	C17H36	000629-78-7	83
4	Heptadecane	240	C17H36	000629-78-7	78
5	Octadecane	254	C18H38	000593-45-3	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

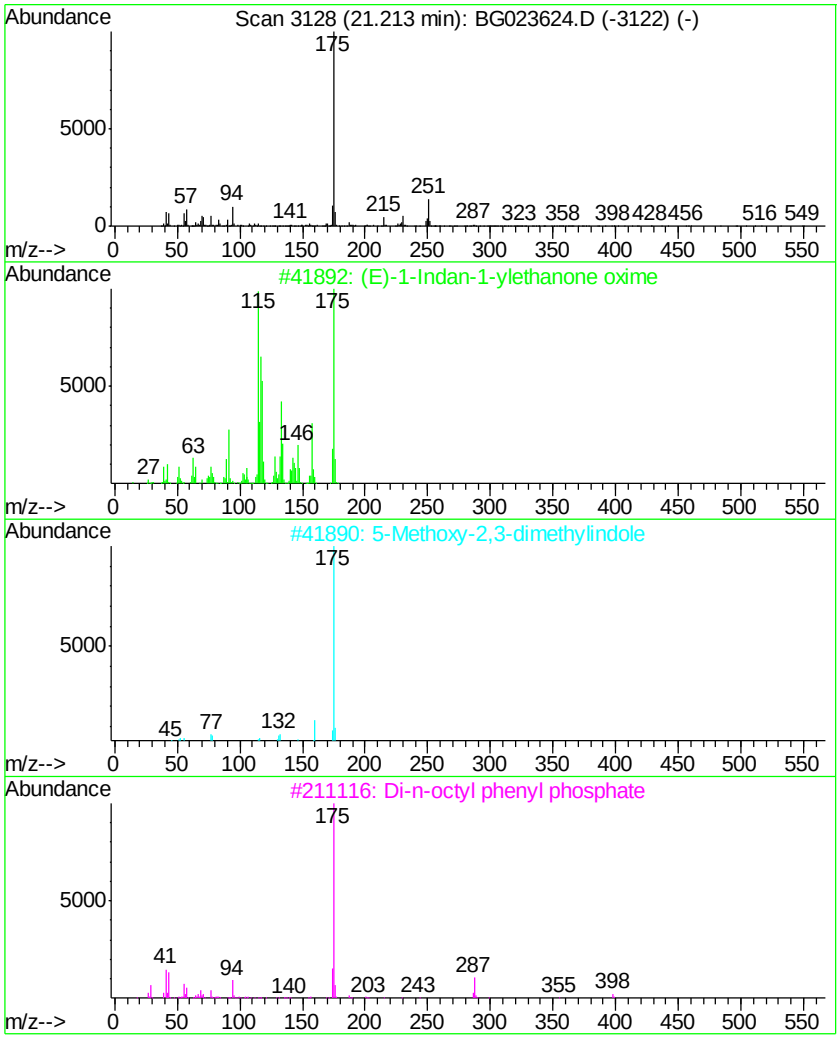
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

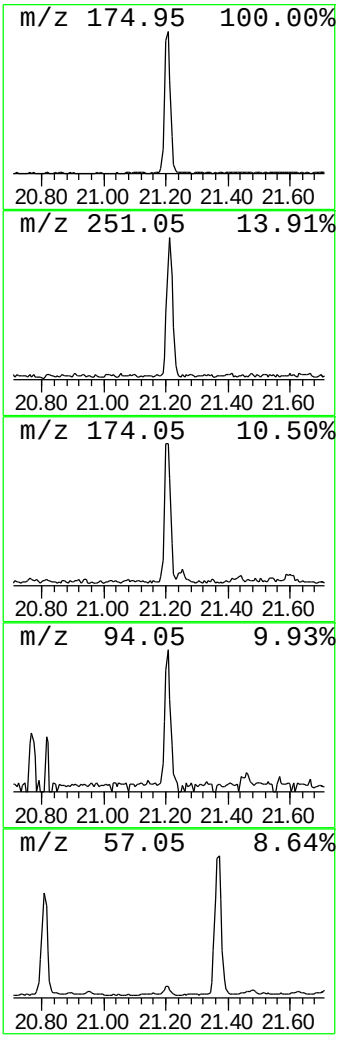
****

Peak Number 26 (E)-1-Indan-1-ylethanone oxime Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	7.84 ng/ul	2450530	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Indan-1-ylethanone oxime	175	C11H13NO	1000373-31-4	53
2	5-Methoxy-2,3-dimethylindole	175	C11H13NO	000828-94-4	45
3	Di-n-octyl phenyl phosphate	398	C22H39O4P	1000342-70-9	32
4	Phosphoric acid, dibutyl phenyl ...	286	C14H23O4P	002528-36-1	12
5	m-Aminobenzenesulfonyl fluoride	175	C6H6FNO2S	000368-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

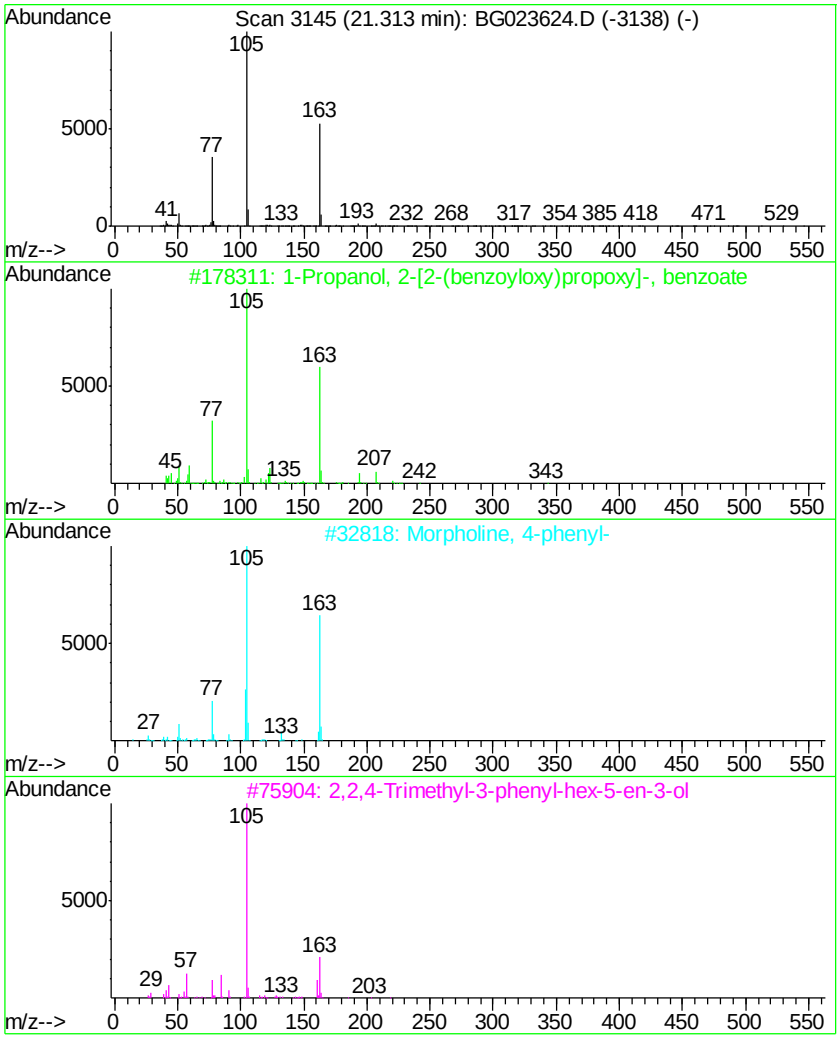
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

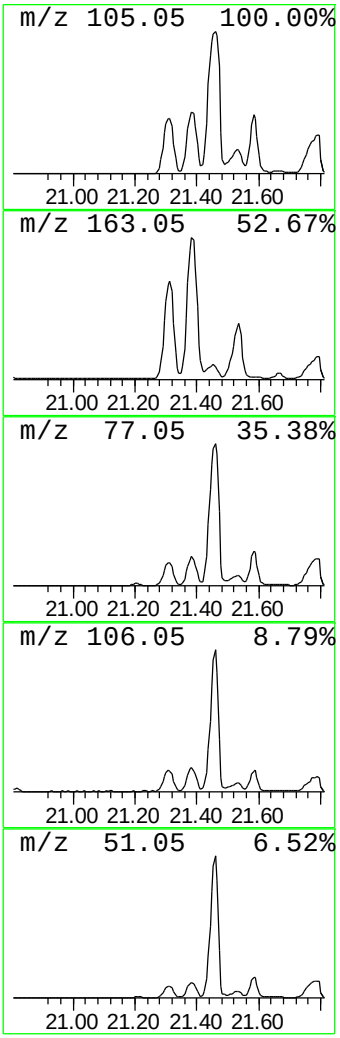
****

Peak Number 27 1-Propanol, 2-[2-(benzoylox... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	13.56 ng/ul	4240410	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	64
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	64
3	2,2,4-Trimethyl-3-phenyl-hex-5-e...	218	C15H22O	066534-36-9	53
4	Benzoic acid, 2-benzyloxy-3-brom...	348	C17H17BrO3	1000191-33-3	50
5	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

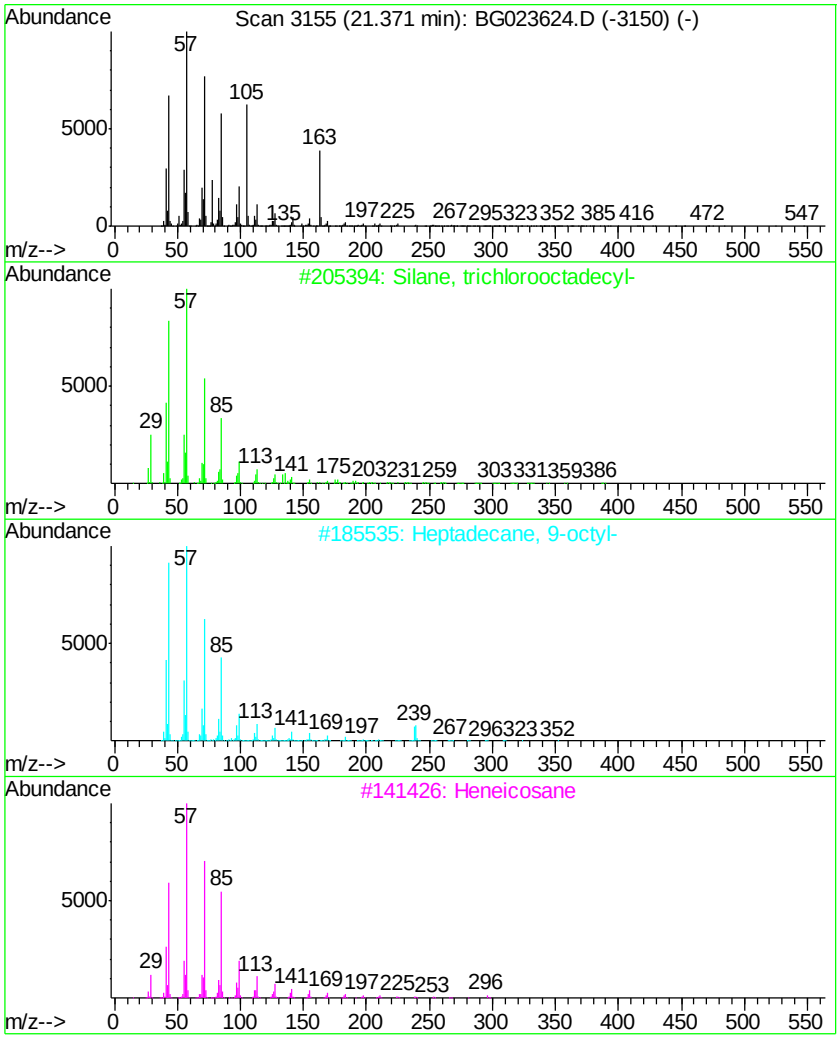
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

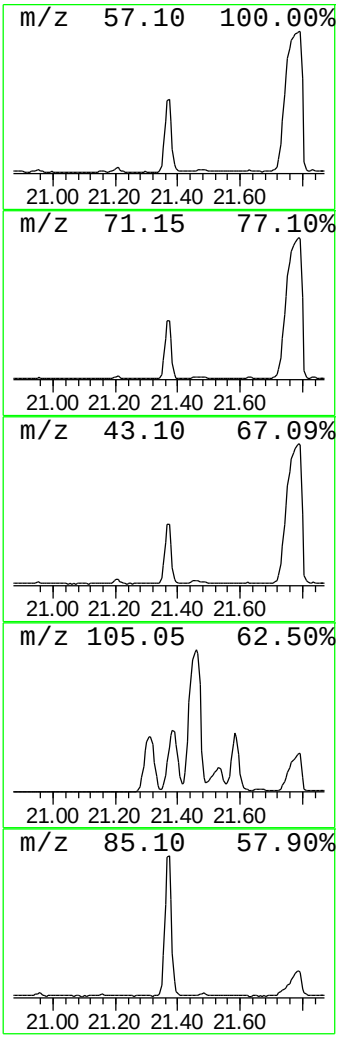
****

Peak Number 28 Silane, trichlorooctadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	48.34 ng/ul	15113900	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
3	Heneicosane	296	C21H44	000629-94-7	70
4	Heneicosane	296	C21H44	000629-94-7	70
5	Hexacosane	366	C26H54	000630-01-3	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

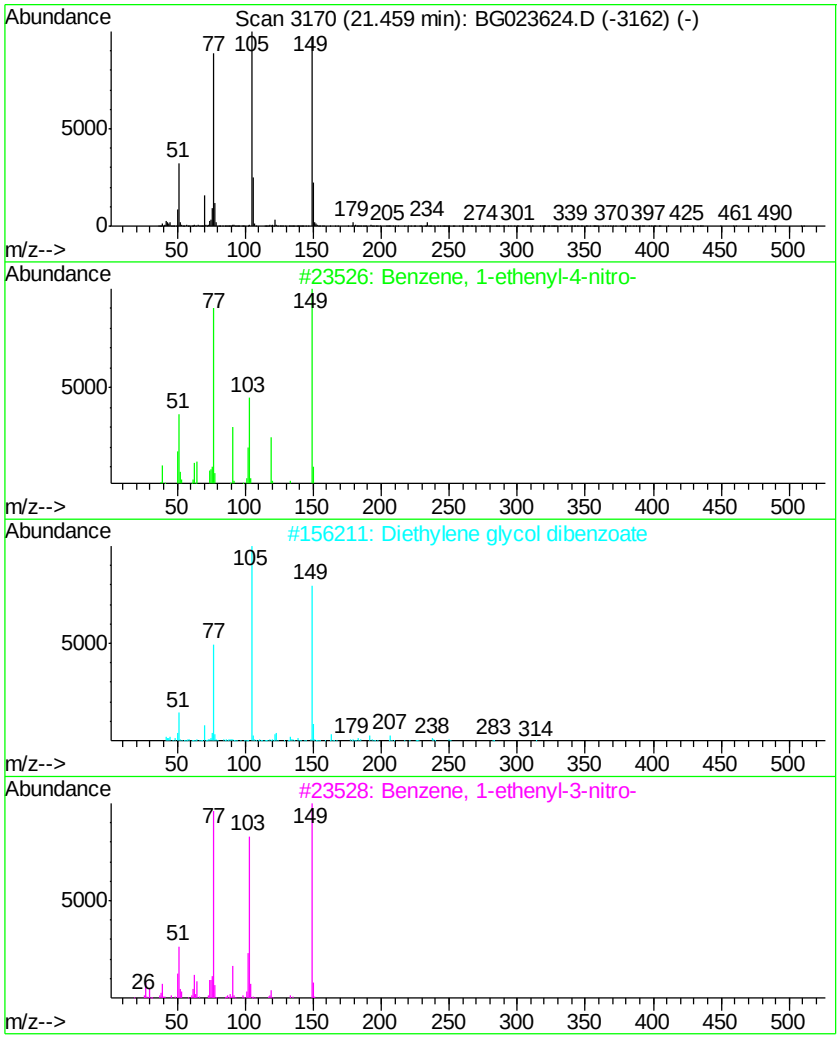
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

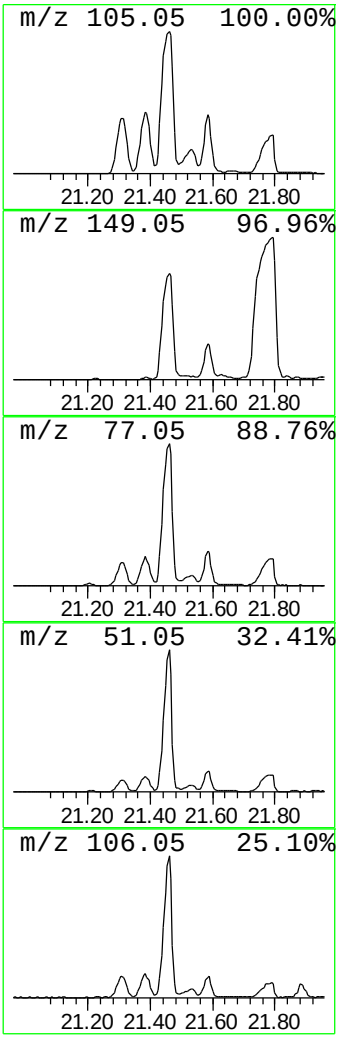
****

Peak Number 29 Benzene, 1-ethenyl-4-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	73.77 ng/ul	23063600	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-nitro-	149	C8H7NO2	000100-13-0	59
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	56
3	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	53
4	1,3-Dioxolane, 2-phenyl-	150	C9H10O2	000936-51-6	47
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

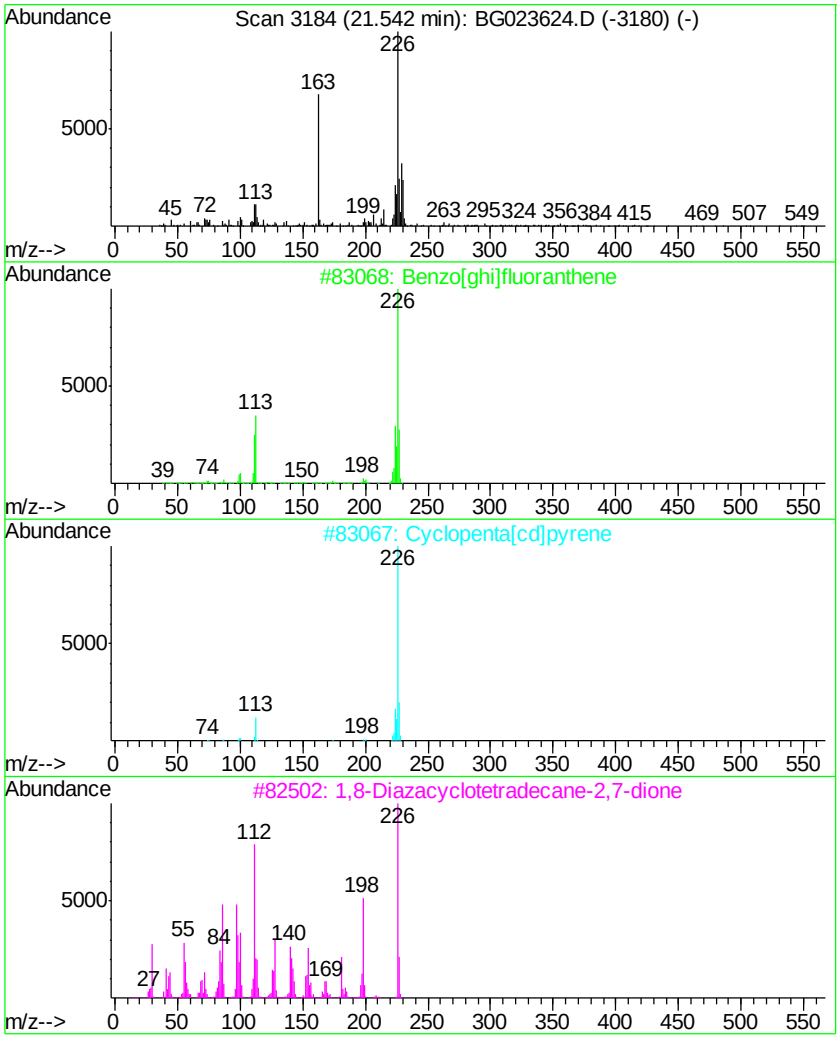
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

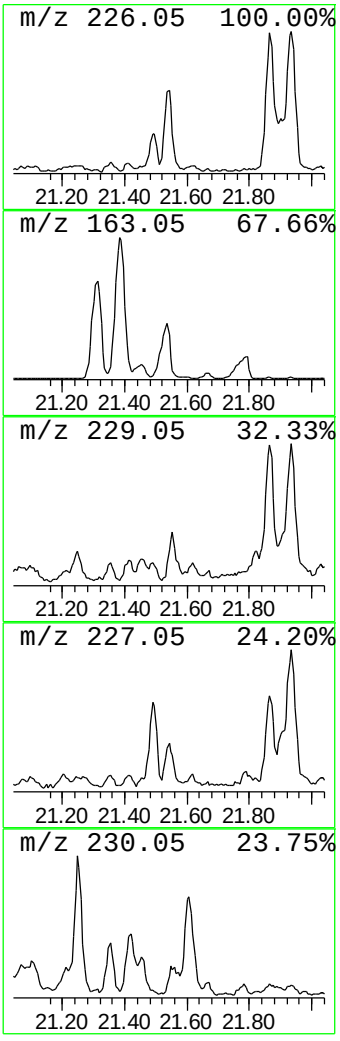
****

Peak Number 30 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	4.82 ng/ul	1505830	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	27
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	25
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

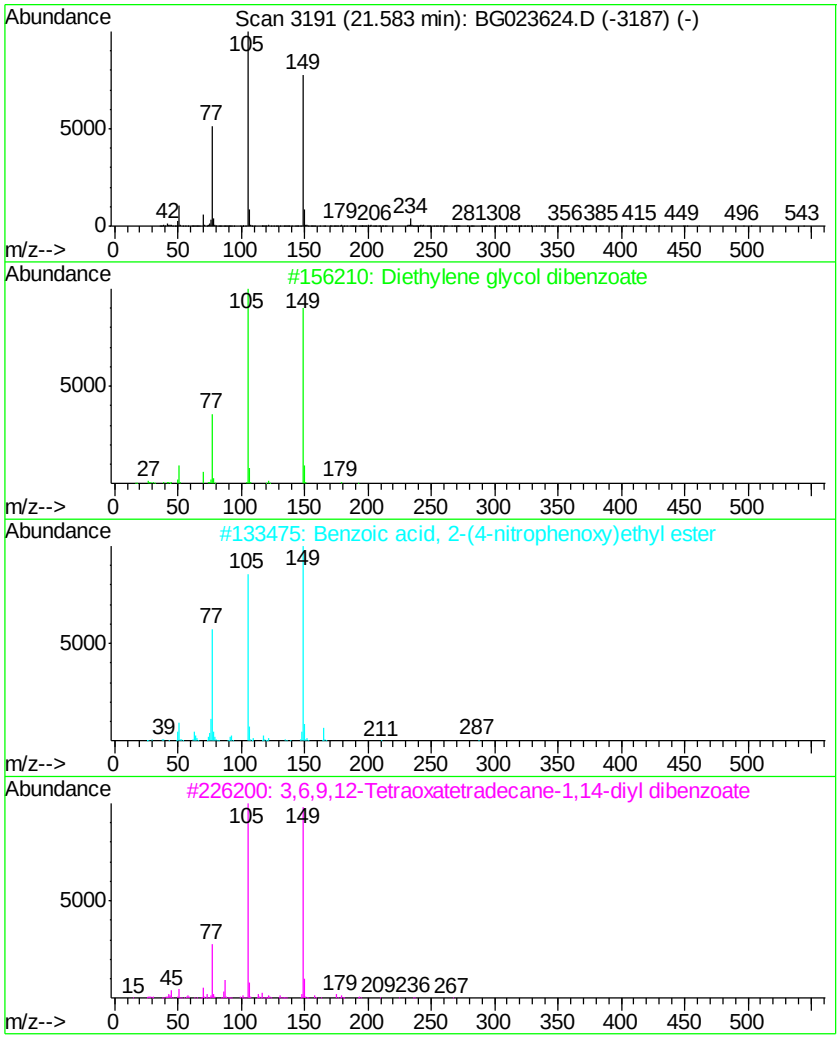
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

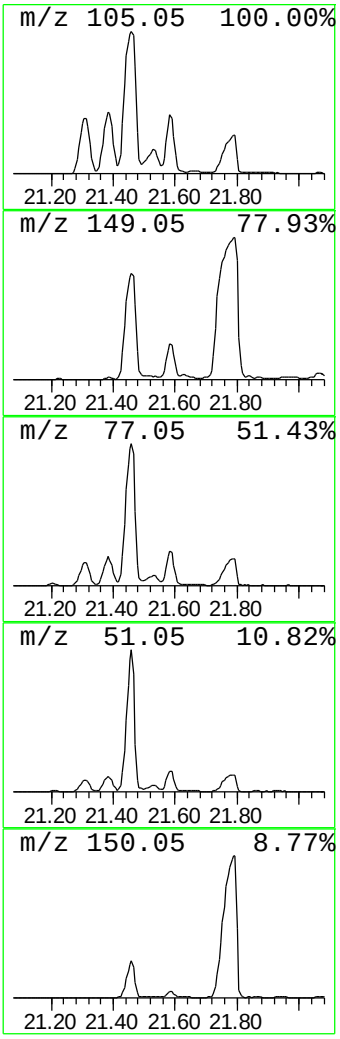
****

Peak Number 31 Diethylene glycol dibenzoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	13.15 ng/ul	4110990	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
2	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	72
3	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	64
4	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	64
5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

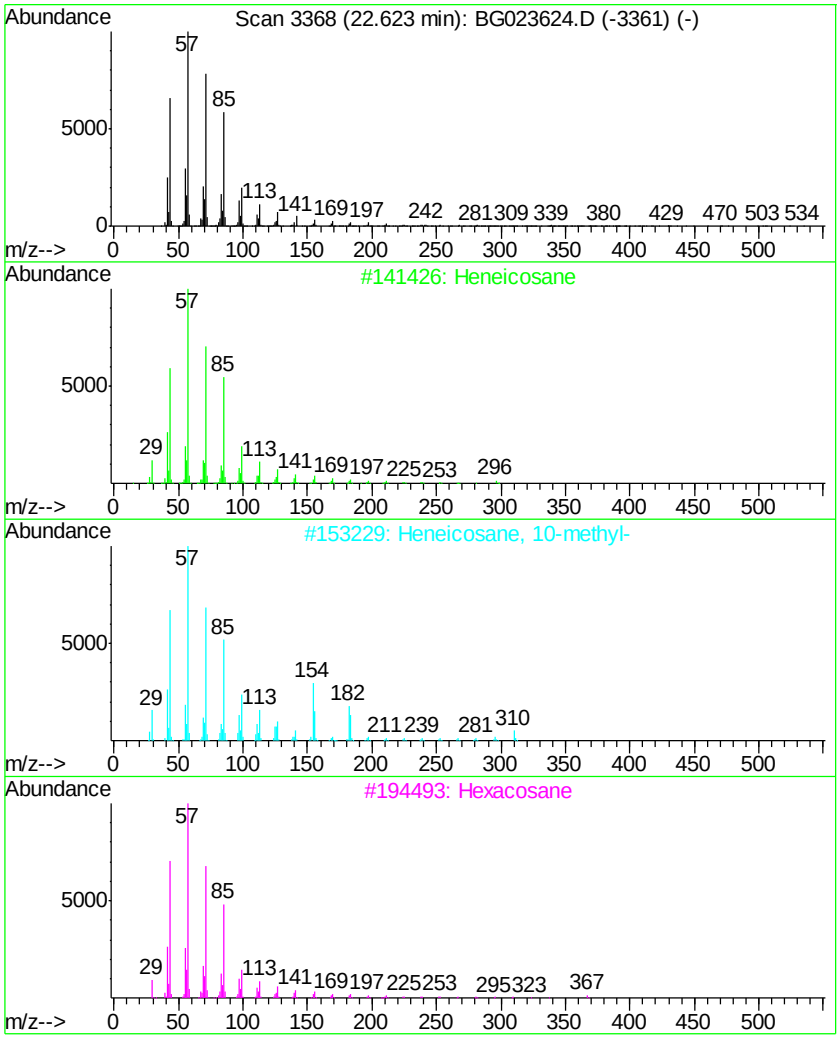
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

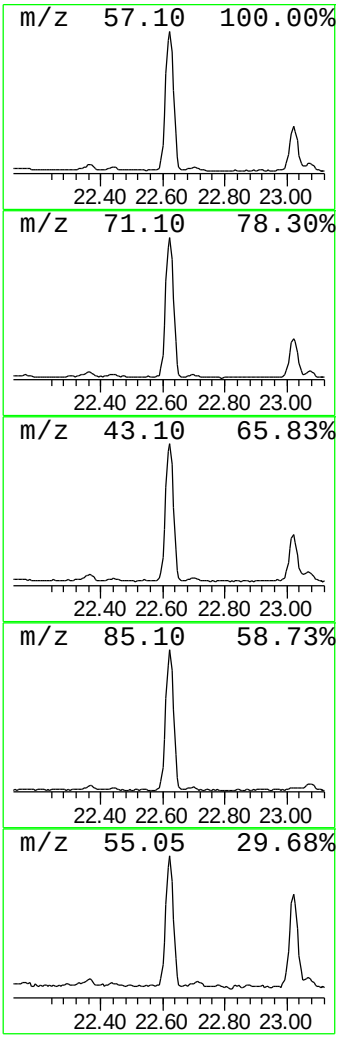
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	37.68 ng/ul	11780100	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octadecane	254	C18H38	000593-45-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

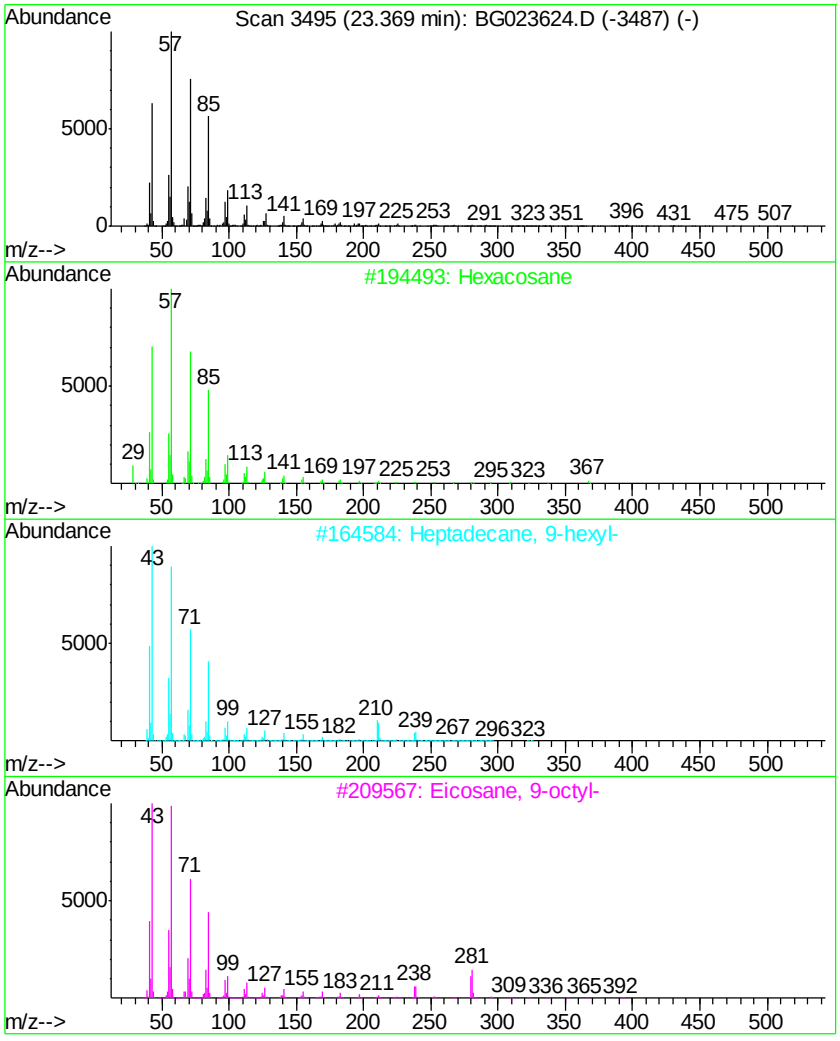
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

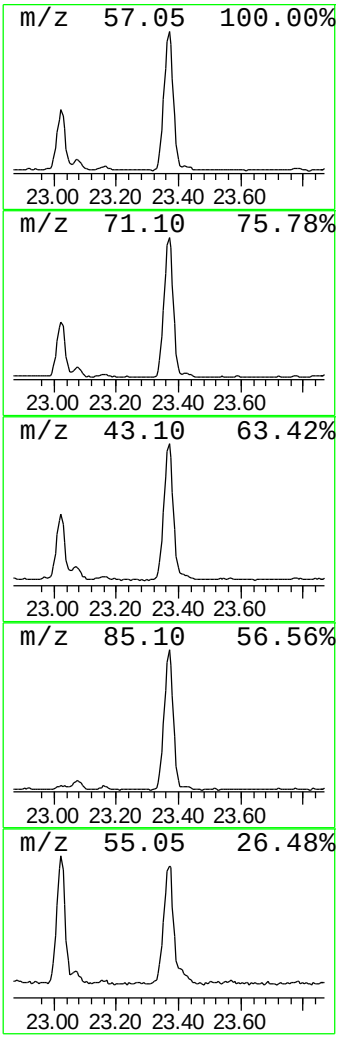
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	39.01 ng/ul	12197000	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

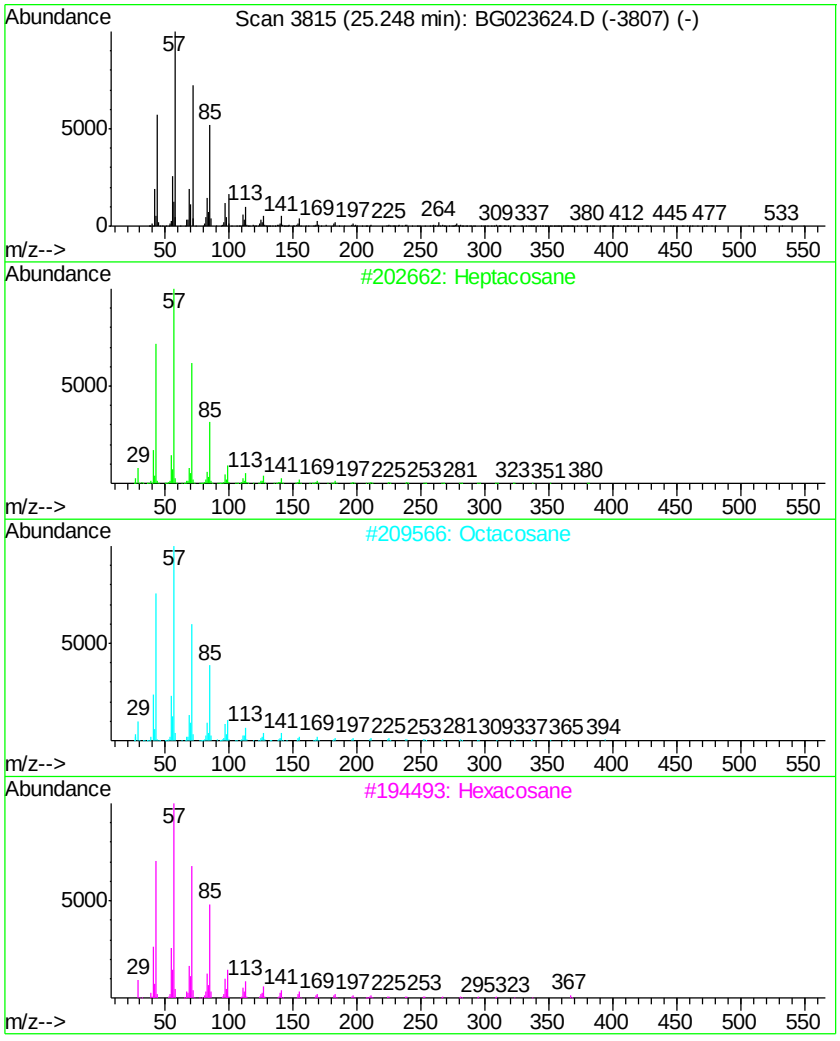
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

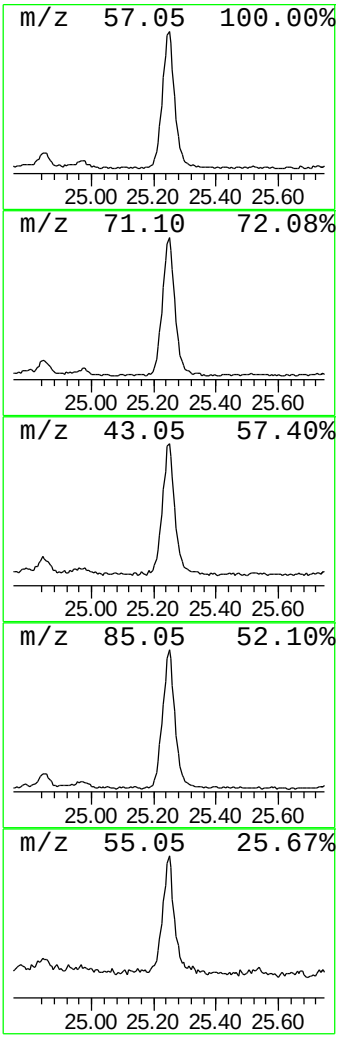
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.25	20.00 ng/ul	4691290	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

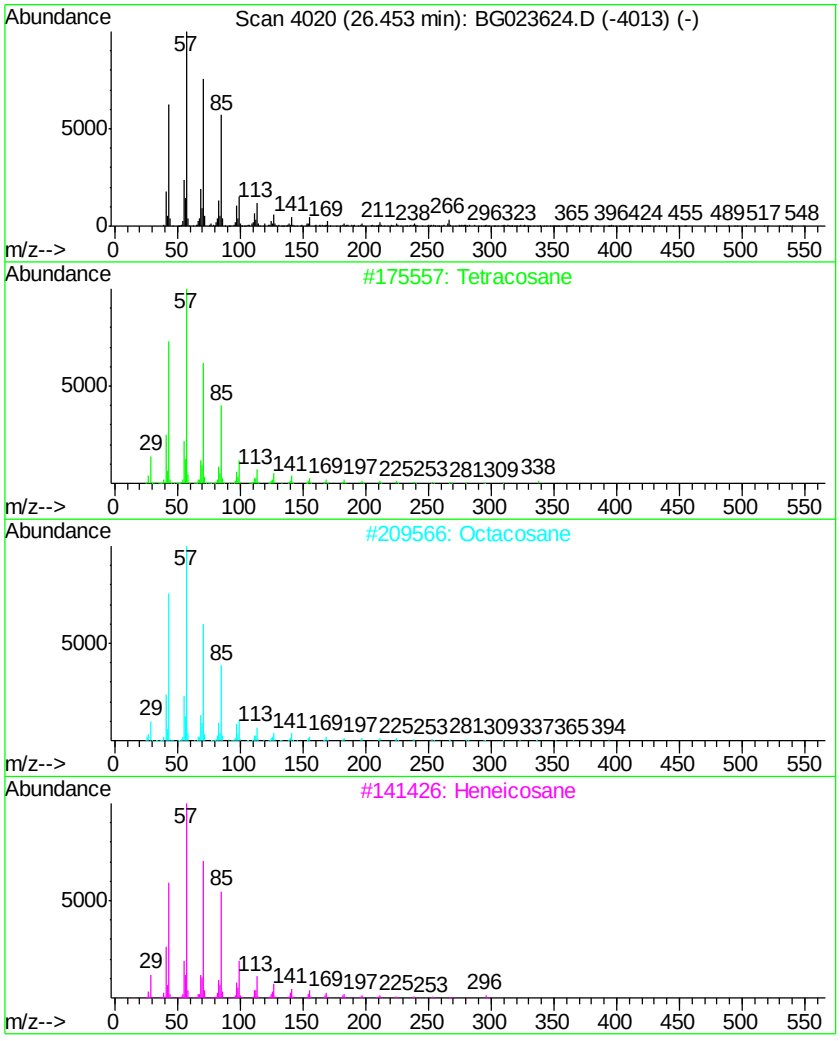
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

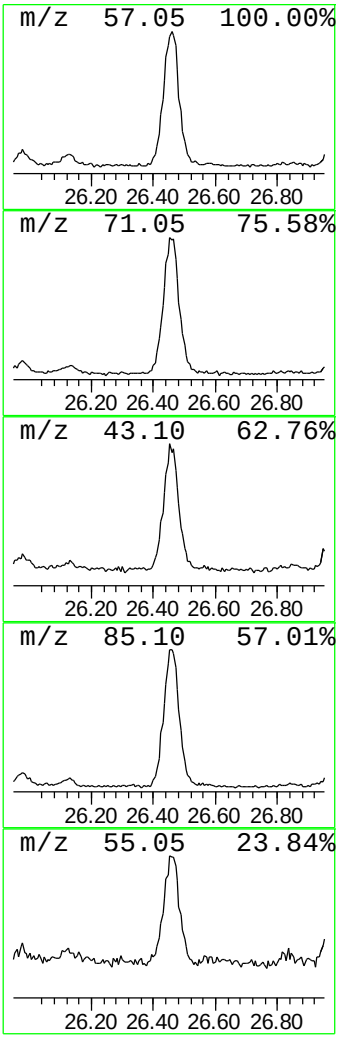
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.45	15.81 ng/ul	3708320	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

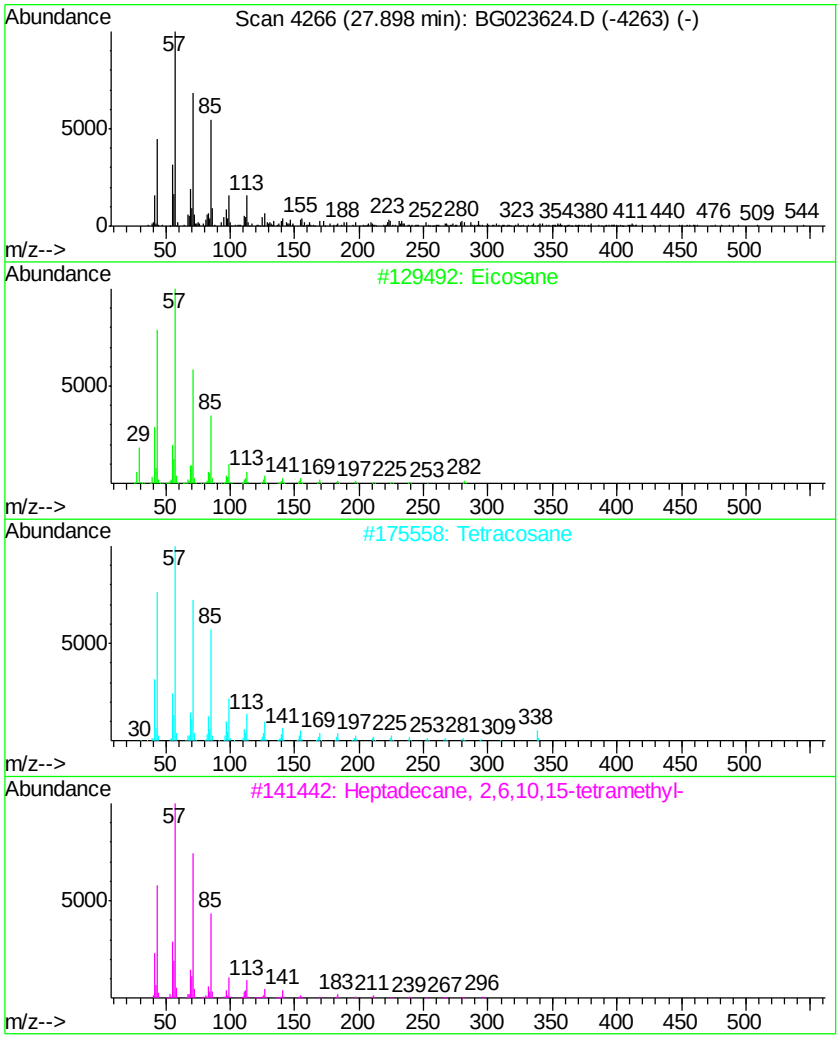
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

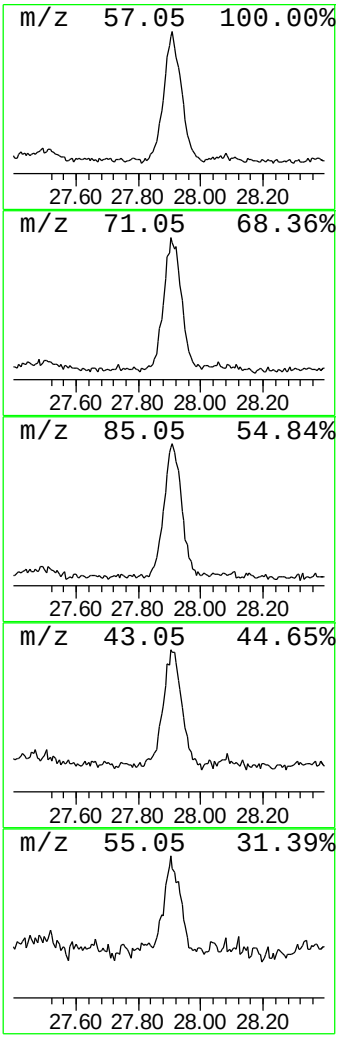
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.90	7.86 ng/ul	1844520	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexadecane	226	C16H34	000544-76-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023624.D
Acq On : 11 Aug 2016 13:22
Operator : UM/SJ
Sample : H4362-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-2430-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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-Hexanol, 2-ethyl-	8.17	14.2	ng/ul	951097	1	8.12	1341430	20.0
Dodecanoic acid	12.50	12.8	ng/ul	1413440	2	10.96	2214330	20.0
(DEL) Alkane: Str...	15.61	2.0	ng/ul	368147	3	14.79	3635620	20.0
N-Propyl-2-hydrox...	16.65	3.2	ng/ul	620532	4	17.56	3922030	20.0
Tetradecanoic acid	16.92	5.7	ng/ul	1121960	4	17.56	3922030	20.0
n-Hexadecanoic acid	17.75	22.1	ng/ul	4333900	4	17.56	3922030	20.0
Phenanthrene, 2-m...	18.62	9.3	ng/ul	1830220	4	17.56	3922030	20.0
Phenanthrene, 4-m...	18.67	4.9	ng/ul	962756	4	17.56	3922030	20.0
Naphthalene, 2-ph...	18.93	2.5	ng/ul	501037	4	17.56	3922030	20.0
Phenanthrene, 3,6...	19.17	5.0	ng/ul	979424	4	17.56	3922030	20.0
di-p-Tolylacetylene	19.23	3.2	ng/ul	627647	4	17.56	3922030	20.0
Phenanthrene, 2,5...	19.34	8.9	ng/ul	1738490	4	17.56	3922030	20.0
1H-Indene, 2-meth...	19.49	4.4	ng/ul	863086	4	17.56	3922030	20.0
Hexadecanamide	19.55	9.4	ng/ul	1850790	4	17.56	3922030	20.0
10-Methylanthrace...	20.04	2.6	ng/ul	829773	5	21.89	6252730	20.0
(DEL) Alkane: Str...	20.26	6.6	ng/ul	2070580	5	21.89	6252730	20.0
Pyrene, 1-methyl-	20.47	6.5	ng/ul	2041720	5	21.89	6252730	20.0
Pyrene, 4-methyl-	20.77	2.8	ng/ul	880486	5	21.89	6252730	20.0
(DEL) Alkane: Str...	20.81	35.5	ng/ul	11109000	5	21.89	6252730	20.0
(E)-1-Indan-1-yle...	21.21	7.8	ng/ul	2450530	5	21.89	6252730	20.0
1-Propanol, 2-[2-...	21.31	13.6	ng/ul	4240410	5	21.89	6252730	20.0
Silane, trichloro...	21.37	48.3	ng/ul	15113900	5	21.89	6252730	20.0
Benzene, 1-etheny...	21.46	73.8	ng/ul	23063600	5	21.89	6252730	20.0
unknown-01	21.54	4.8	ng/ul	1505830	5	21.89	6252730	20.0
Diethylene glycol...	21.58	13.2	ng/ul	4110990	5	21.89	6252730	20.0
(DEL) Alkane: Str...	22.62	37.7	ng/ul	11780100	5	21.89	6252730	20.0
(DEL) Alkane: Str...	23.37	39.0	ng/ul	12197000	5	21.89	6252730	20.0
(DEL) Alkane: Str...	25.25	20.0	ng/ul	4691290	6	25.31	4691290	20.0
(DEL) Alkane: Str...	26.45	15.8	ng/ul	3708320	6	25.31	4691290	20.0
(DEL) Alkane: Str...	27.90	7.9	ng/ul	1844520	6	25.31	4691290	20.0