LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.146	5	10	35	rVB	1847256	3021021	100.00%	5.933%
2	4.168	178	184	195	rVB	56245	92952	3.08%	0.183%
3	7.182	689	697	709	rBV	270086	531986	17.61%	1.045%
4	7.341	717	724	739	rBV	201983	360528	11.93%	0.708%
5	7.552	752	760	774	rBV	298524	541711	17.93%	1.064%
6	8.022	831	840	848	rBV	261896	445662	14.75%	0.875%
7	8.733	954	961	973	rBV	351757	661296	21.89%	1.299%
8	9.192	1031	1039	1049	rBV	276597	495275	16.39%	0.973%
9	9.356	1061	1067	1075	rBV2	24118	43010	1.42%	0.084%
10	9.920	1154	1163	1177	rBV	244927	452290	14.97%	0.888%
11	10.467	1249	1256	1274	rBV	406043	768530	25.44%	1.509%
12	10.849	1313	1321	1327	rBV	366980	678281	22.45%	1.332%
13	10.896	1327	1329	1334	rVV	32808	49272	1.63%	0.097%
14	10.978	1334	1343	1361	rVB	298481	619998	20.52%	1.218%
15	12.511	1598	1604	1611	rVV2	22620	41176	1.36%	0.081%
16	14.004	1853	1858	1863	rVV2	23234	41551	1.38%	0.082%
17	14.086	1863	1872	1876	rVV	736068	1136685	37.63%	2.232%
18	14.127	1876	1879	1884	rVV	99862	150637	4.99%	0.296%
19	14.374	1914	1921	1934	rVB	893479	1480548	49.01%	2.908%
20	14.685	1965	1974	1980	rBV	630289	1005946	33.30%	1.976%
21	14.750	1980	1985	1993	rVB	79979	133420	4.42%	0.262%
22	14.879	2000	2007	2022	rBV	193631	422840	14.00%	0.830%
23	15.085	2034	2042	2050	rVV	64387	111211	3.68%	0.218%
24	15.478	2101	2109	2116	rBV6	16747	43408	1.44%	0.085%
25	15.678	2136	2143	2149	rBV	1219240	1813155	60.02%	3.561%
26	15.731	2149	2152	2158	rVB	78082	115700	3.83%	0.227%
27	15.796	2158	2163	2171	rBV	225965	370535	12.27%	0.728%
28	16.025	2198	2202	2211	rVB	33620	60433	2.00%	0.119%
29	16.178	2221	2228	2235	rVB	34422	72218	2.39%	0.142%
30	16.407	2260	2267	2273	rVB7	23049	55516	1.84%	0.109%
31	16.742	2308	2324	2328	rBV5	26463	73627	2.44%	0.145%
32	16.971	2354	2363	2366	rBV5	25620	50524	1.67%	0.099%
33	17.088	2378	2383	2390	rVV	46532	87836	2.91%	0.173%
34	17.188	2392	2400	2404	rVV4	33392	87477	2.90%	0.172%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	17.253	2407	2411	2419	rVB	54299	94266	3.12%	0.185%
36	17.435	2436	2442	2446	rBV2	730346	1195817	39.58%	2.349%
37	17.482	2446	2450	2454	rVB	856967	1205377	39.90%	2.367%
38	17.535	2454	2459	2464	rBV2	1142967	1758902	58.22%	3.455%
39	17.840	2504	2511	2516	rBV	92786	167075	5.53%	0.328%
40	18.316	2583	2592	2596	rBV	136057	220179	7.29%	0.432%
41	18.363	2596	2600	2605	rVV	185855	276539	9.15%	0.543%
42	18.446	2609	2614	2619	rVB	58746	83715	2.77%	0.164%
43	18.510	2619	2625	2629	rBV3	179878	341222	11.29%	0.670%
44	18.545	2629	2631	2639	rVB	97783	125669	4.16%	0.247%
45	18.622	2639	2644	2647	rBV6	26173	41956	1.39%	0.082%
46	18.810	2668	2676	2680	rBV	96680	158717	5.25%	0.312%
47	18.851	2680	2683	2689	rVV2	70621	105461	3.49%	0.207%
48	18.921	2691	2695	2704	rVB6	19345	49917	1.65%	0.098%
49	19.057	2709	2718	2722	rBV4	110929	182180	6.03%	0.358%
50	19.192	2737	2741	2743	rBV4	66119	101873	3.37%	0.200%
51	19.227	2743	2747	2753	rVB2	67607	126403	4.18%	0.248%
52	19.321	2761	2763	2767	rVB	46458	50440	1.67%	0.099%
53	19.368	2767	2771	2779	rVB	78550	139853	4.63%	0.275%
54	19.491	2784	2792	2798	rVV	1479226	2103853	69.64%	4.132%
55	19.544	2798	2801	2806	rVV2	93712	129891	4.30%	0.255%
56	19.638	2813	2817	2821	rBV2	27609	38350	1.27%	0.075%
57	19.732	2828	2833	2842	rVB3	60334	123994	4.10%	0.244%
58	19.826	2842	2849	2852	rBV2	1717807	2861265	94.71%	5.620%
59	19.856	2852	2854	2861	rVV	1193397	1367228	45.26%	2.685%
60	19.926	2861	2866	2872	rVB2	82416	149070	4.93%	0.293%
61	20.032	2877	2884	2889	rBV	79337	151055	5.00%	0.297%
62	20.173	2902	2908	2909	rBV3	106870	164162	5.43%	0.322%
63	20.267	2920	2924	2927	rBV	94223	113093	3.74%	0.222%
64	20.343	2927	2937	2942	rVV	239117	477280	15.80%	0.937%
65	20.443	2950	2954	2958	rBV	111441	146646	4.85%	0.288%
66	20.502	2958	2964	2968	rVV2	122593	214197	7.09%	0.421%
67	20.537	2968	2970	2974	rVB	50821	55568	1.84%	0.109%
68	20.578	2974	2977	2983	rBV3	33759	60442	2.00%	0.119%
69	20.643	2984	2988	2991	rBV	65524	88757	2.94%	0.174%
70	20.684	2992	2995	2999	rVB	75538	97532	3.23%	0.192%
71	20.796	3010	3014	3019	rVB3	68672	112265	3.72%	0.220%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	20.854	3021	3024	3028	rVB	40648	51388	1.70%	0.101%
73	21.107	3063	3067	3075	rVB	136520	216245	7.16%	0.425%
74	21.295	3092	3099	3103	rBV2	120316	252322	8.35%	0.496%
75	21.336	3103	3106	3108	rVV	115168	158589	5.25%	0.311%
76	21.372	3108	3112	3120	rVV3	224445	554522	18.36%	1.089%
77	21.442	3120	3124	3134	rVB2	144276	289957	9.60%	0.569%
78	21.712	3162	3170	3176	rBV2	1000647	2718436	89.98%	5.339%
79	21.765	3176	3179	3192	rVB	571343	991361	32.82%	1.947%
80	21.924	3201	3206	3212	rBV	251299	376857	12.47%	0.740%
81	22.129	3236	3241	3249	rBV2	81094	176649	5.85%	0.347%
82	22.382	3281	3284	3289	rBV	27969	49143	1.63%	0.097%
83	22.458	3294	3297	3303	rVB	98212	172202	5.70%	0.338%
84	22.541	3305	3311	3317	rVV2	332749	548393	18.15%	1.077%
85	22.741	3340	3345	3349	rBV3	55999	104103	3.45%	0.204%
86	23.252	3426	3432	3440	rVB	397128	753691	24.95%	1.480%
87	23.598	3486	3491	3501	rVB3	124284	270830	8.96%	0.532%
88	23.957	3543	3552	3559	rBV	435206	1474816	48.82%	2.897%
89	24.074	3566	3572	3580	rVB	442111	911746	30.18%	1.791%
90	24.145	3580	3584	3589	rBV5	56140	131950	4.37%	0.259%
91	24.685	3668	3676	3682	rBV	210791	595006	19.70%	1.169%
92	24.768	3682	3690	3697	rVV	791606	2226953	73.72%	4.374%
93	24.832	3697	3701	3716	rVB	371516	965381	31.96%	1.896%
94	24.991	3718	3728	3733	rBV	507149	1440130	47.67%	2.828%
95	25.050	3733	3738	3751	rVB2	433041	1160323	38.41%	2.279%
96	26.207	3925	3935	3947	rVB	356148	1103804	36.54%	2.168%
97	27.600	4163	4172	4183	rVB3	153728	553575	18.32%	1.087%
98	28.722	4353	4363	4384	rVB3	132047	672635	22.27%	1.321%
99	31.965	4901	4915	4937	rVB9	149596	884344	29.27%	1.737%
100	32.517	5000	5009	5010	rBV5	45856	113705	3.76%	0.223%

Sum of corrected areas: 50915520

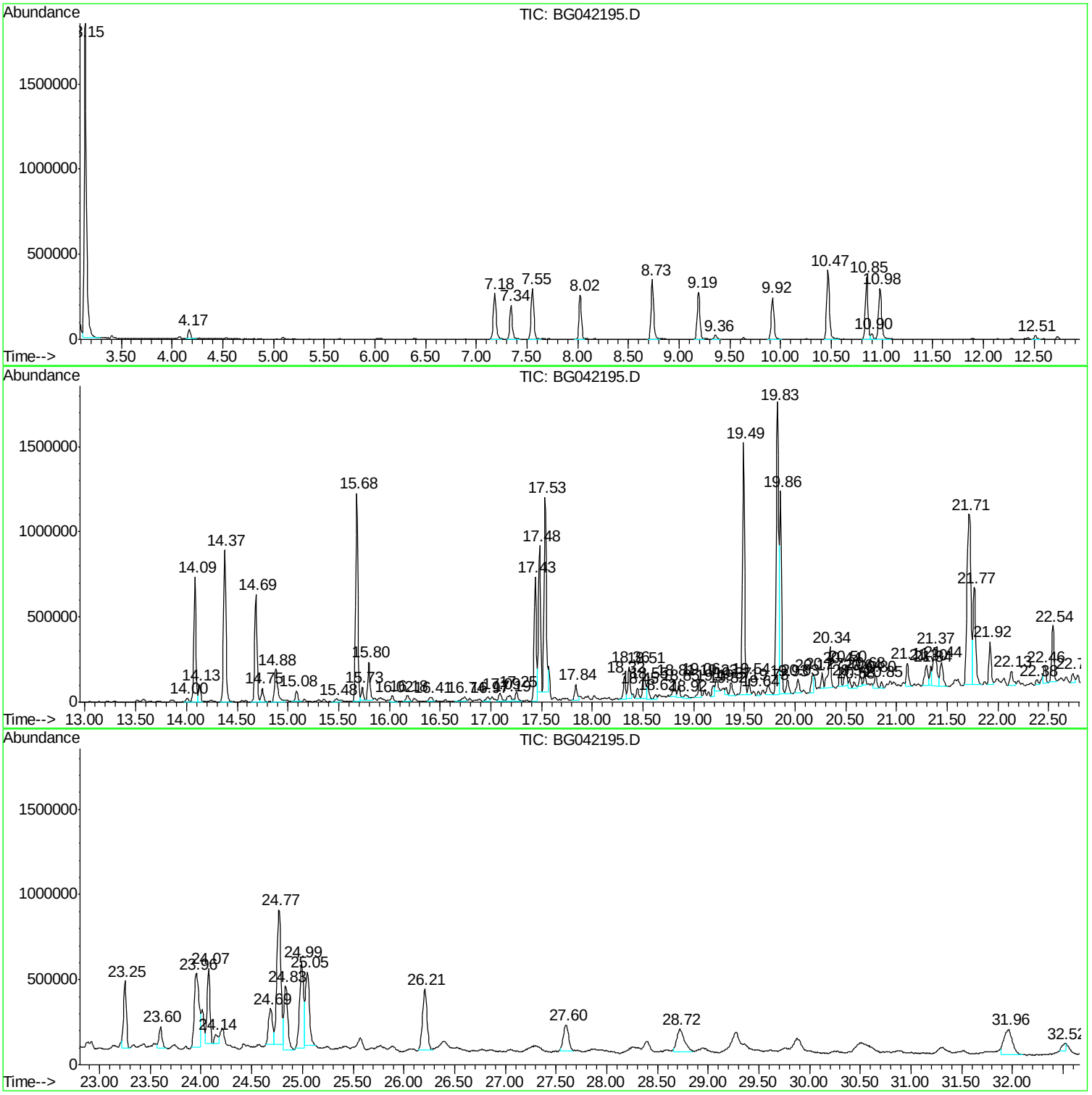
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

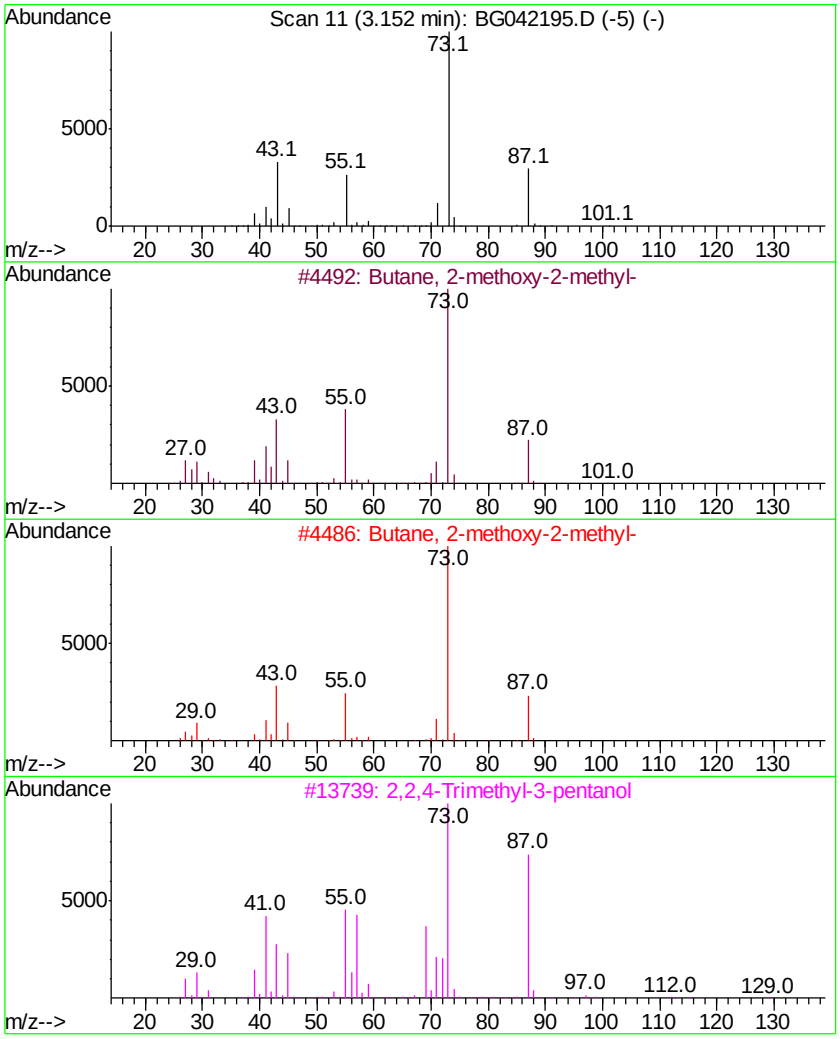
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

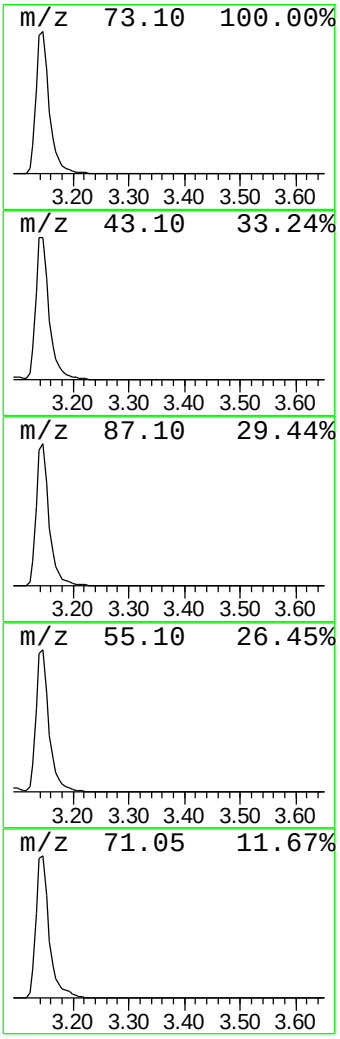
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	135.58 ng/ul	3021020	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

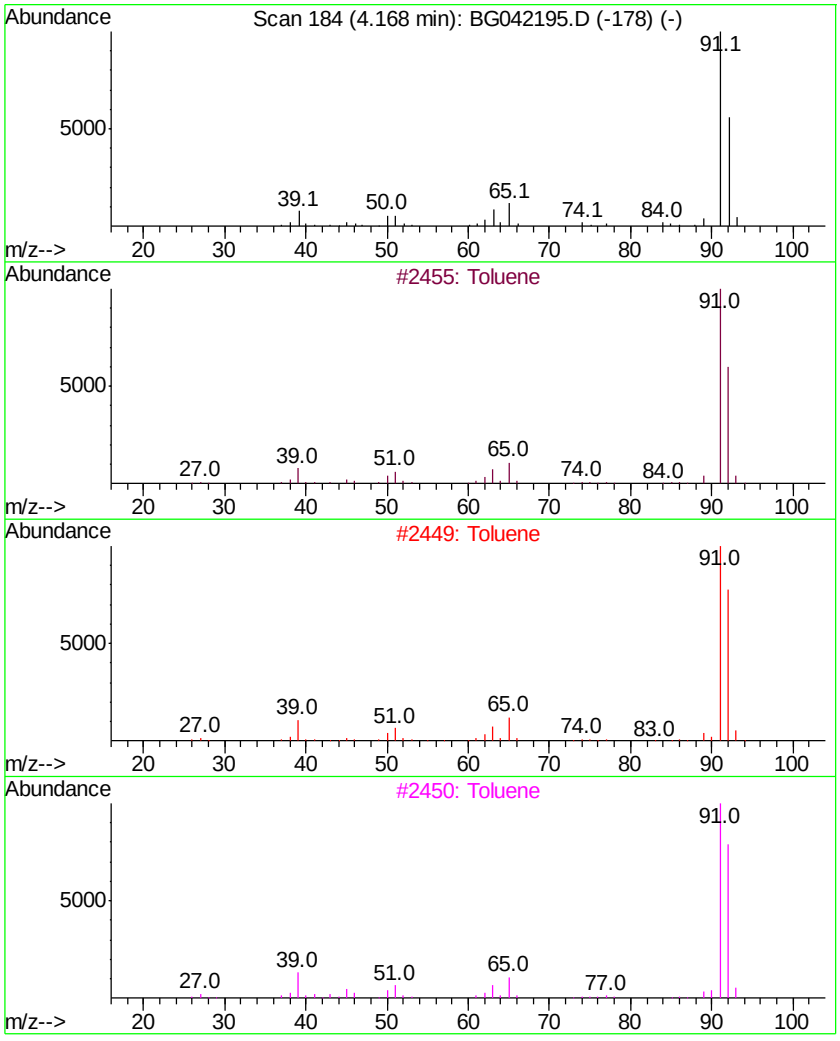
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

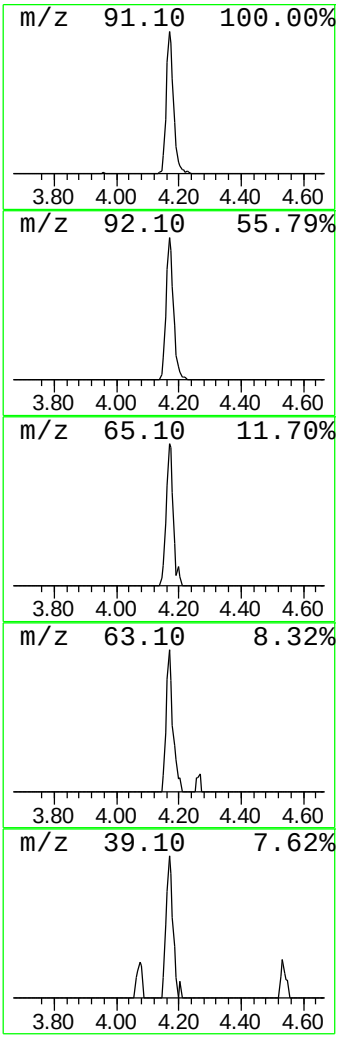
****

Peak Number 2 Toluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	4.17 ng/ul	92952	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

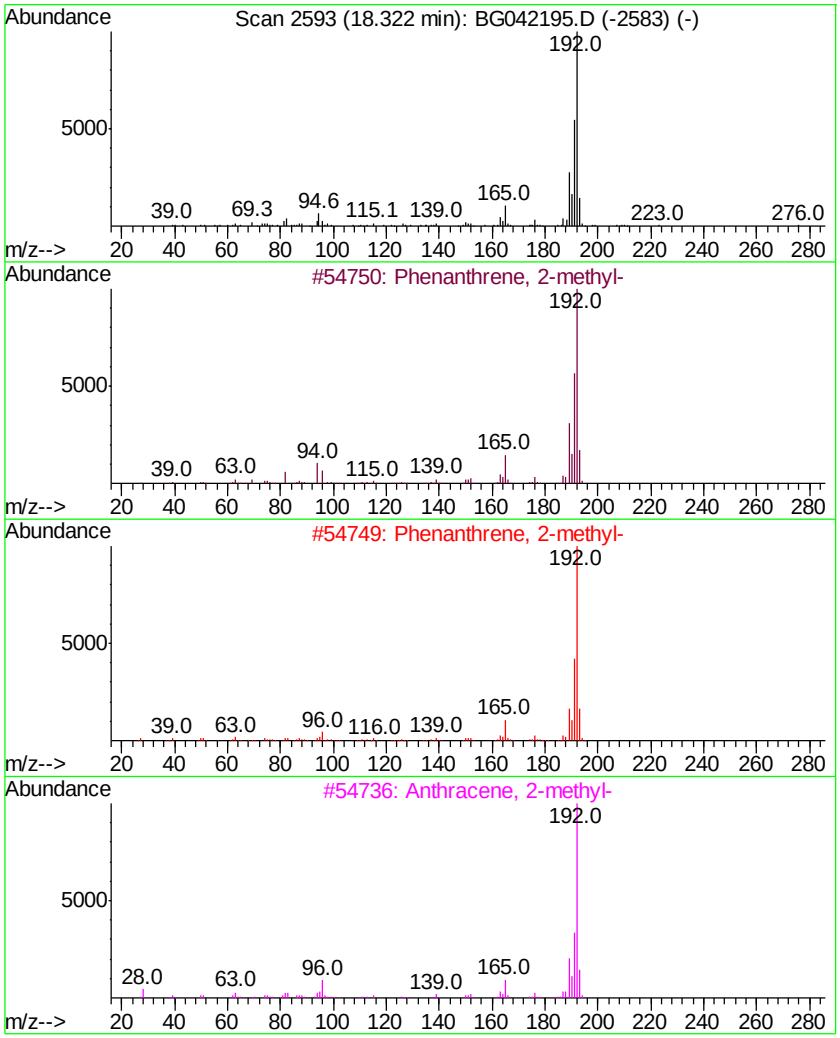
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

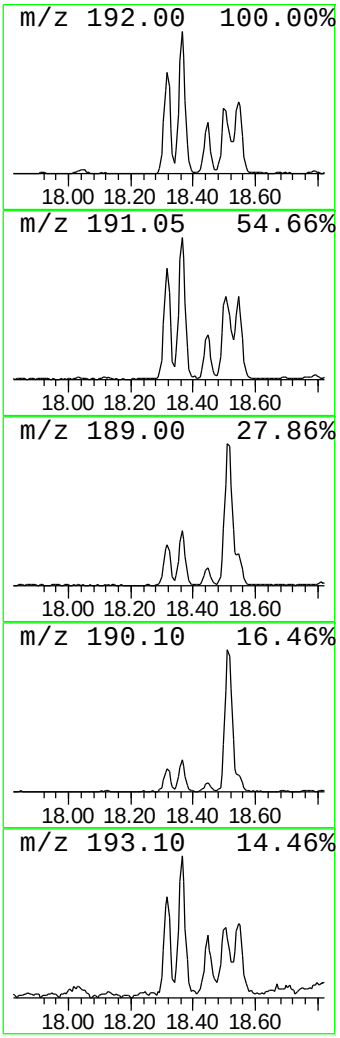
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.68 ng/ul	220179	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

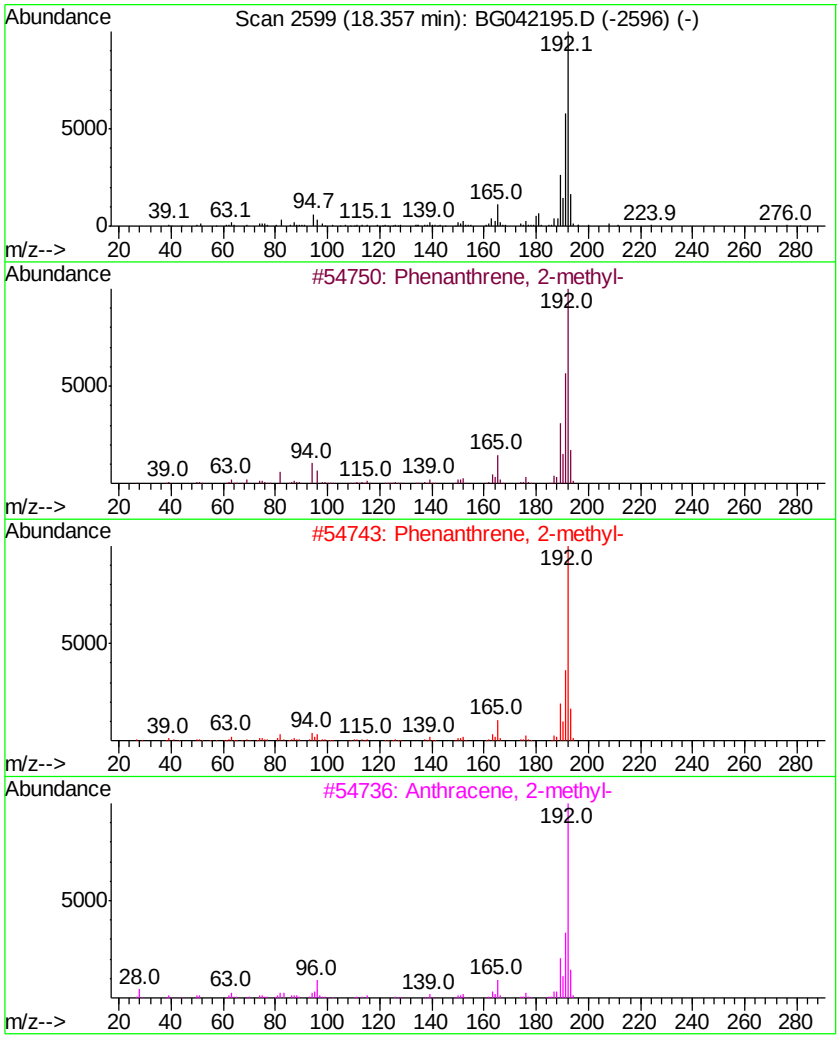
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

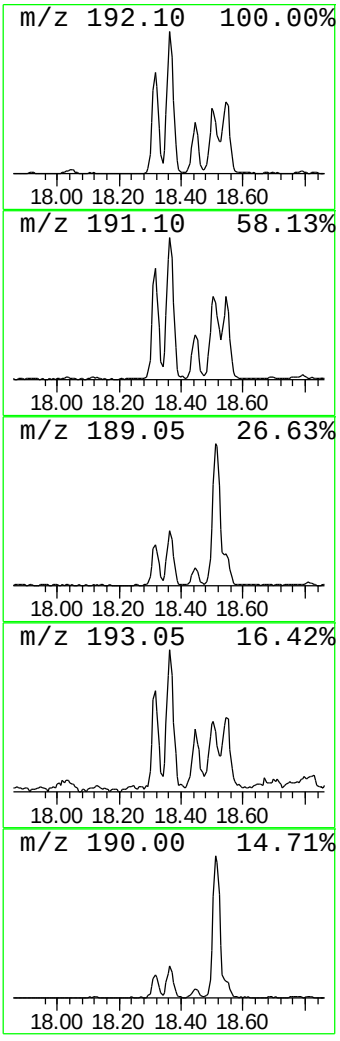
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.63 ng/ul	276539	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

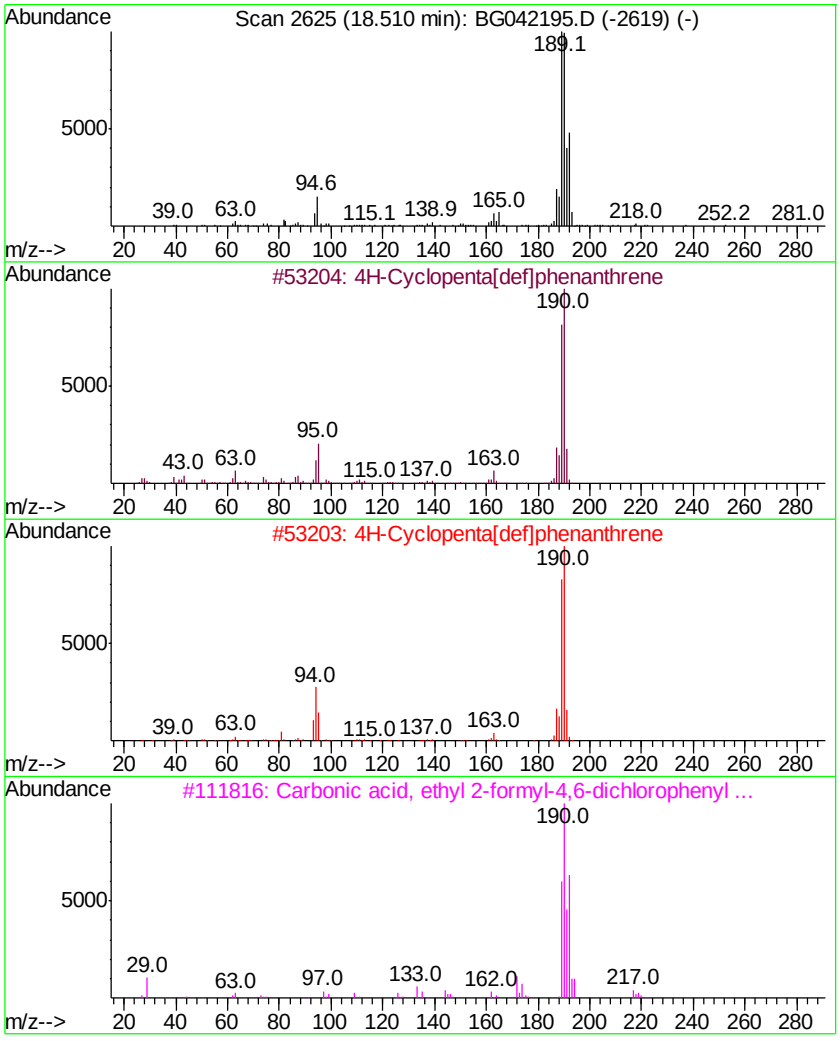
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

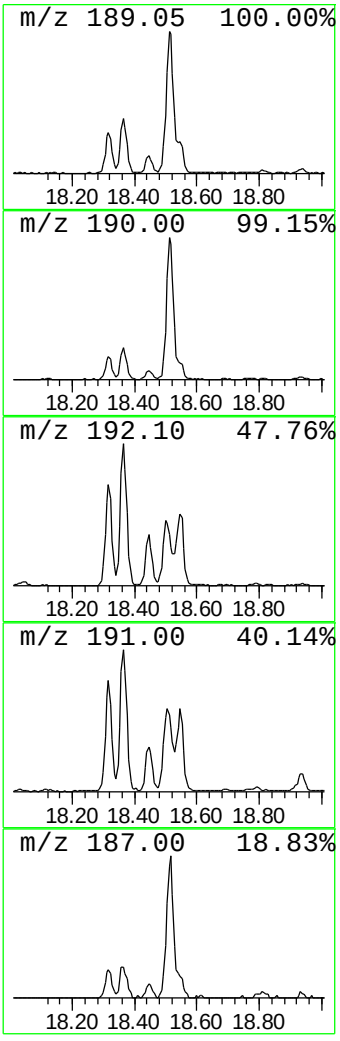
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	5.71 ng/ul	341222	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

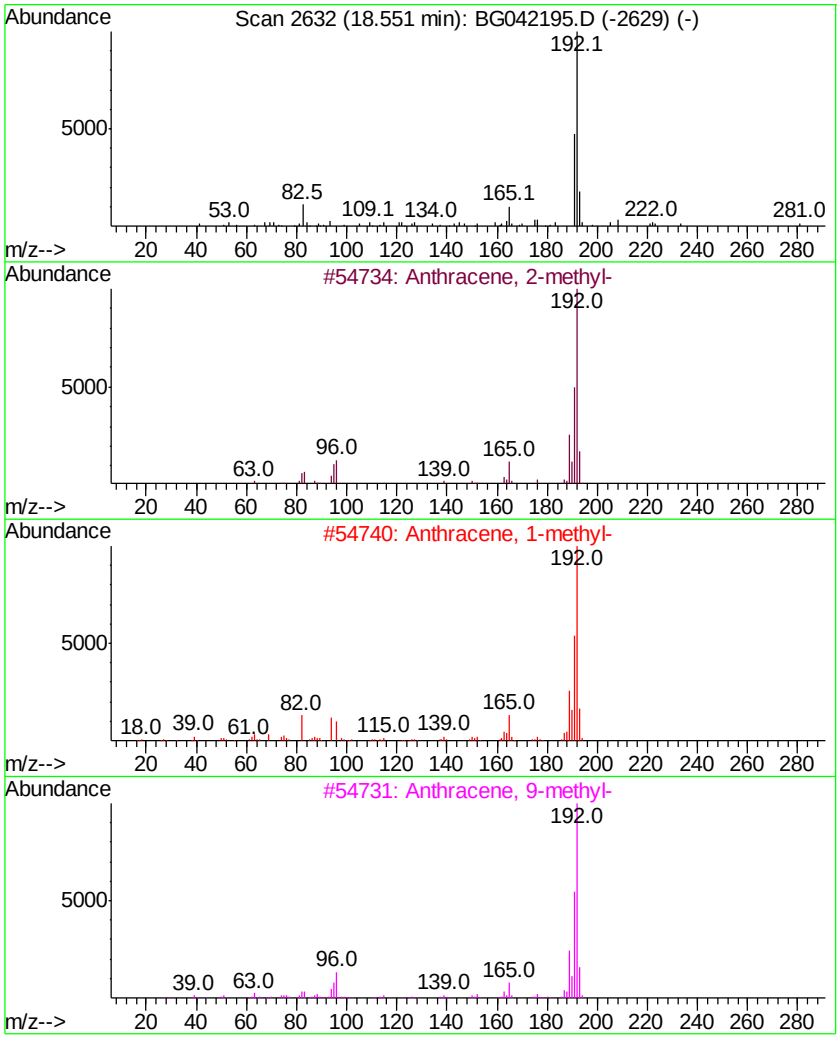
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

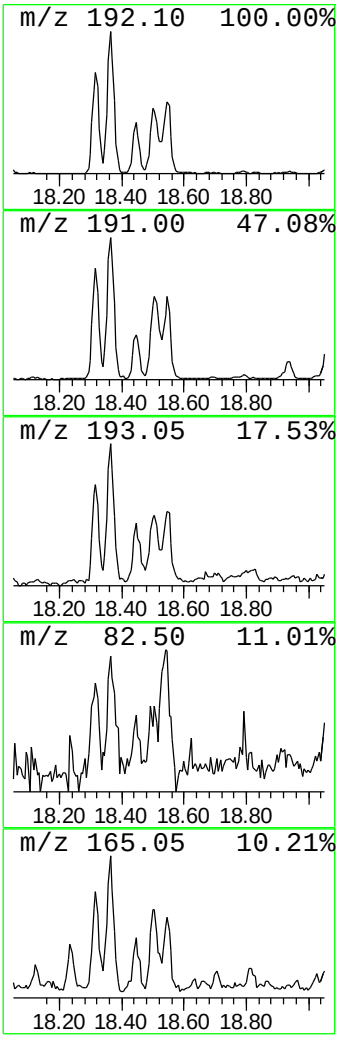
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.10 ng/ul	125669	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

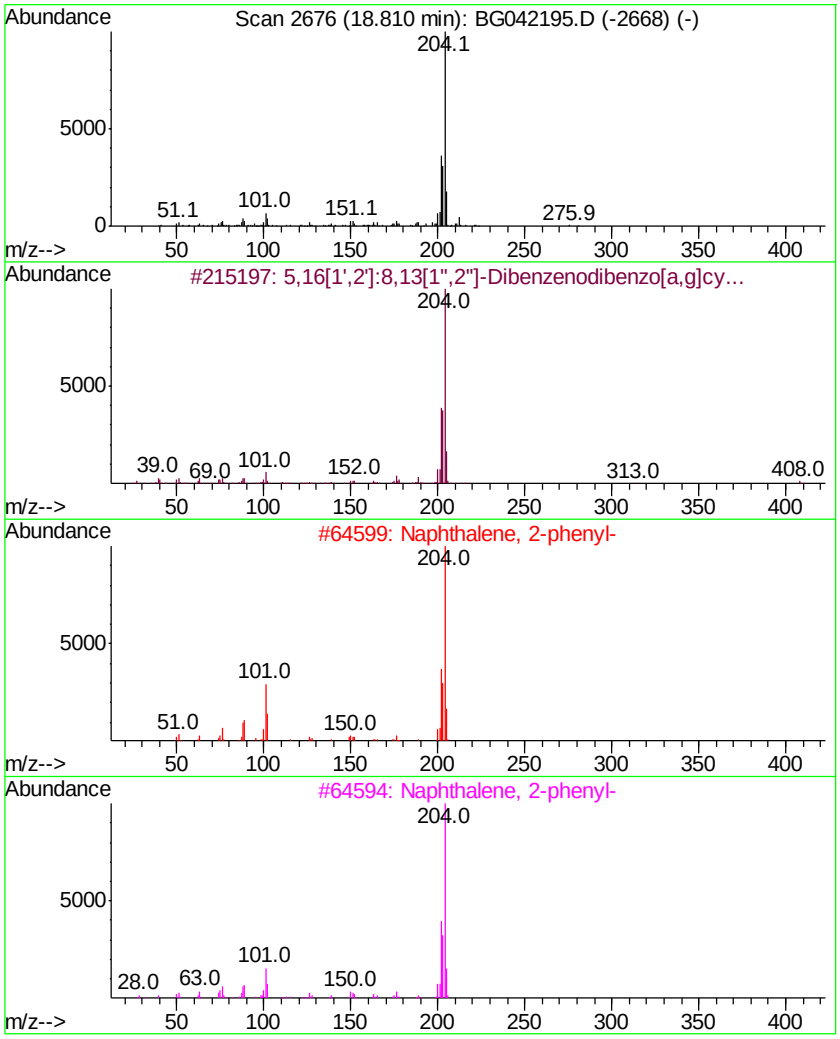
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

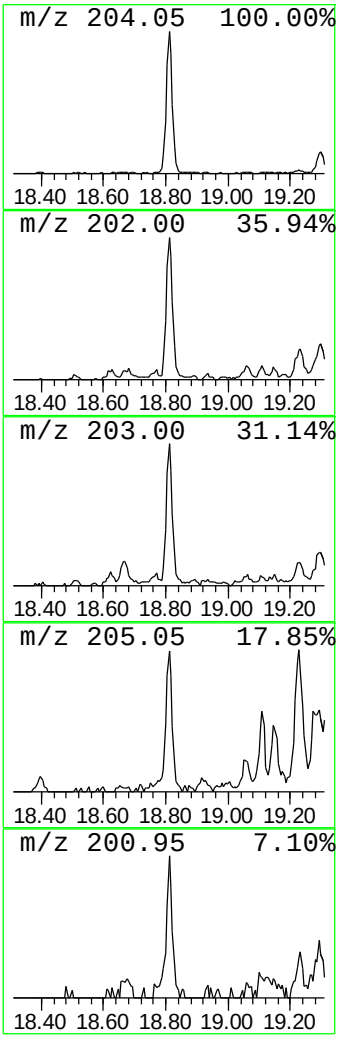
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.65 ng/ul	158717	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

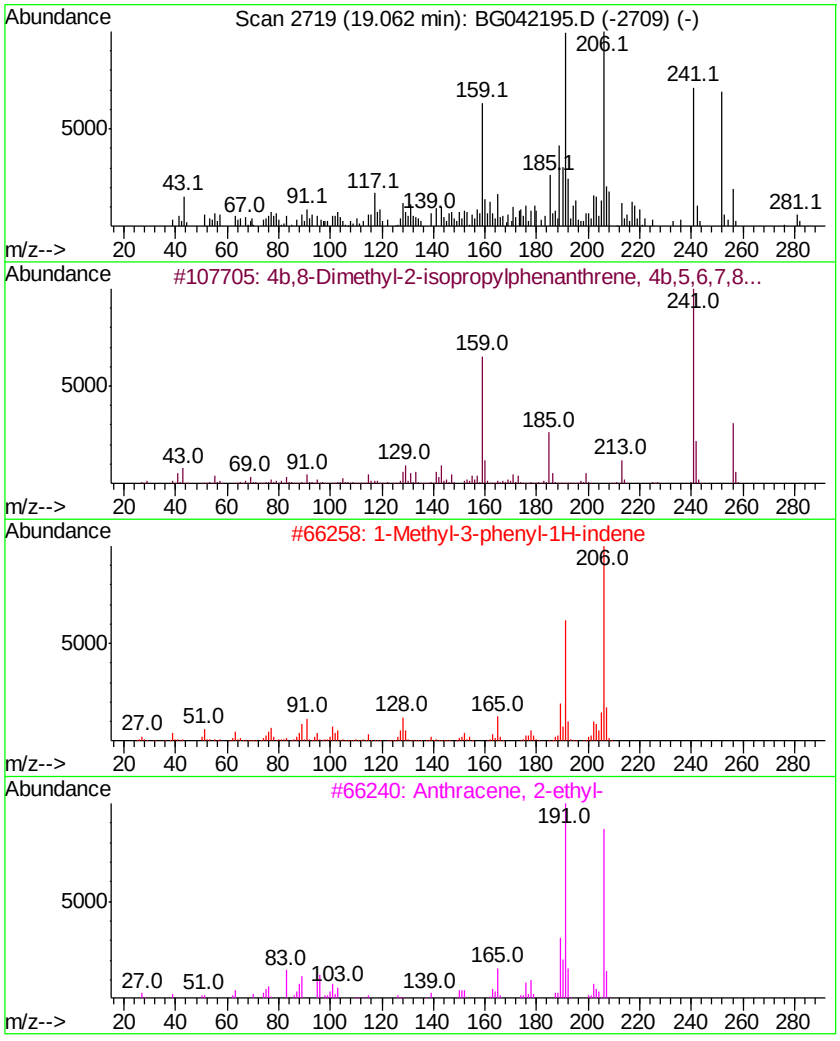
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

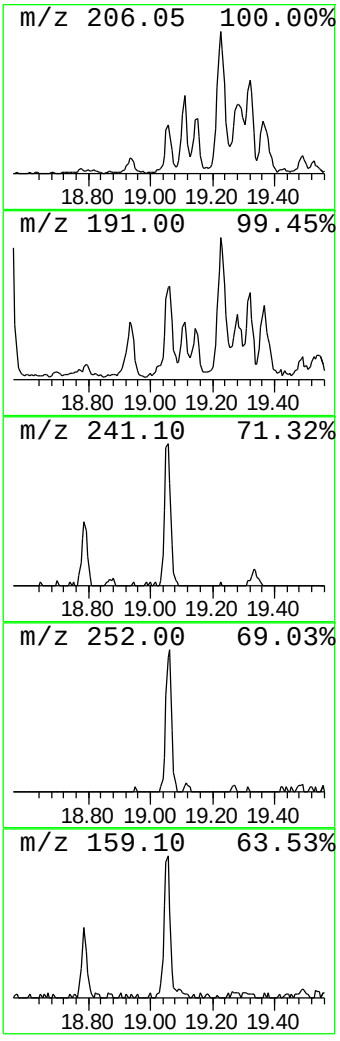
****

Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.05 ng/ul	182180	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	80
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	62
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

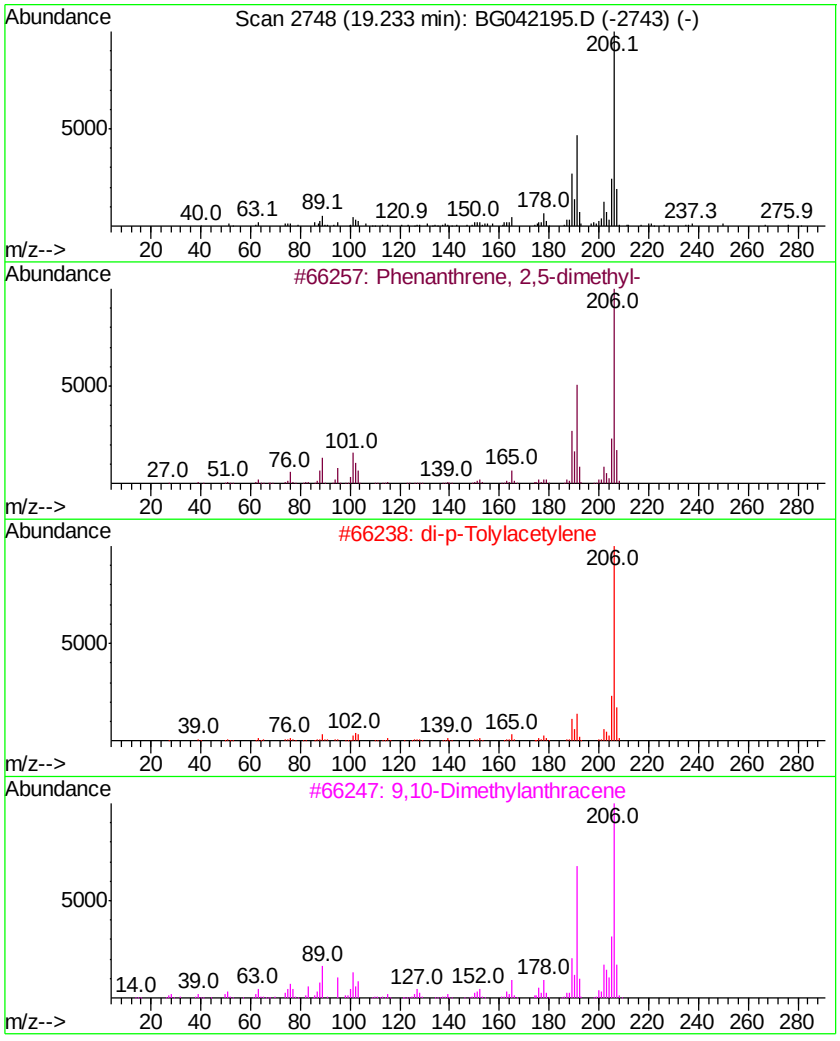
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

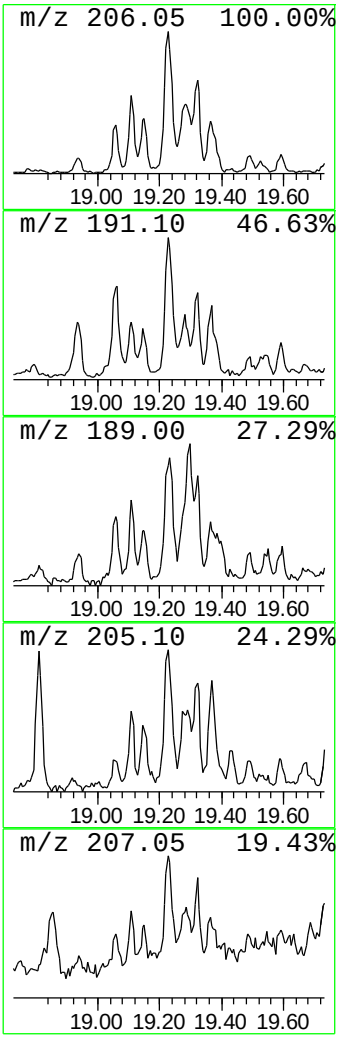
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.11 ng/ul	126403	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

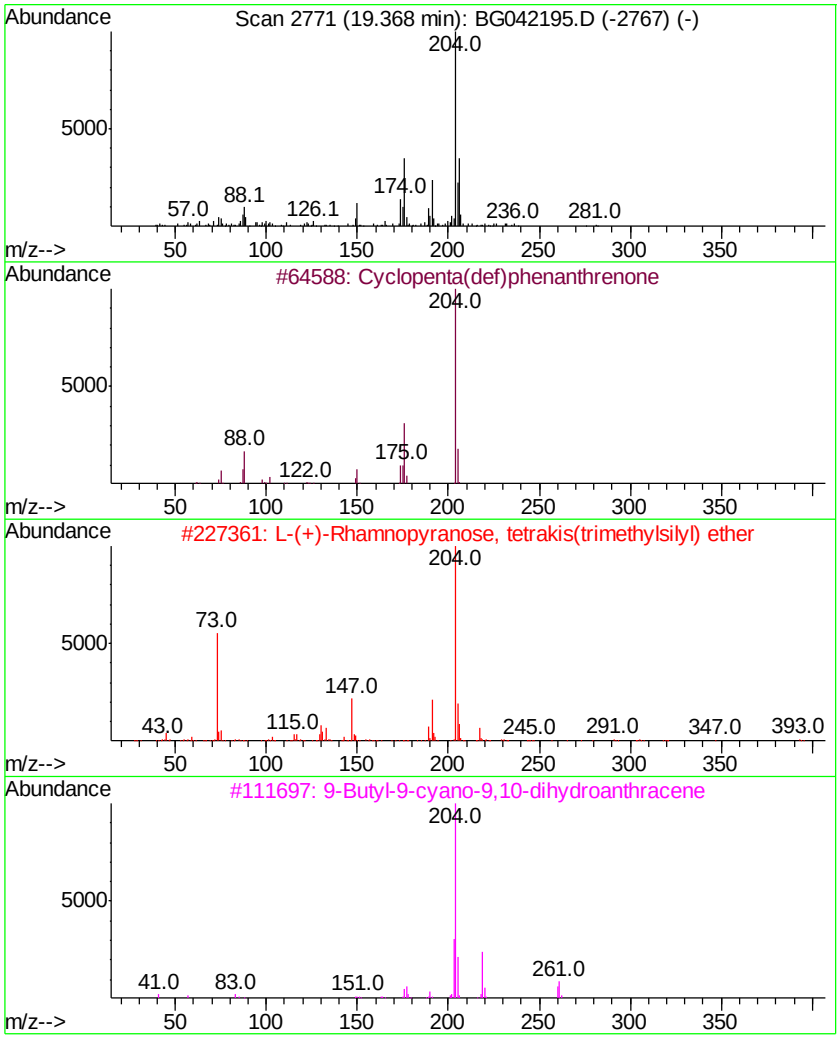
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

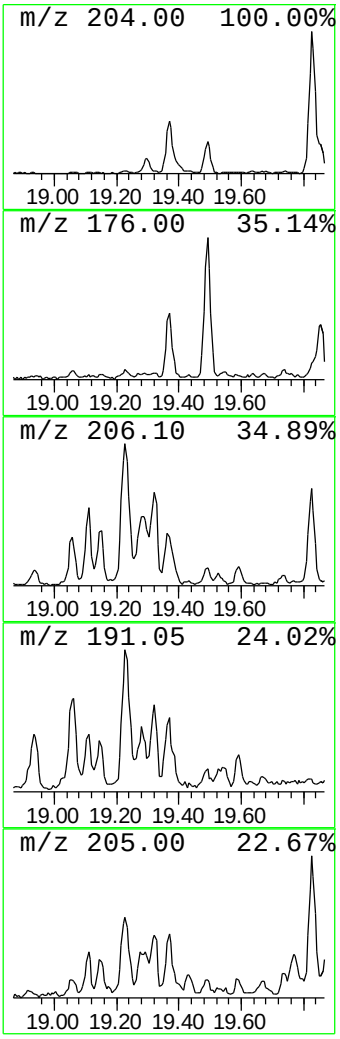
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.34 ng/ul	139853	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	50
3	9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

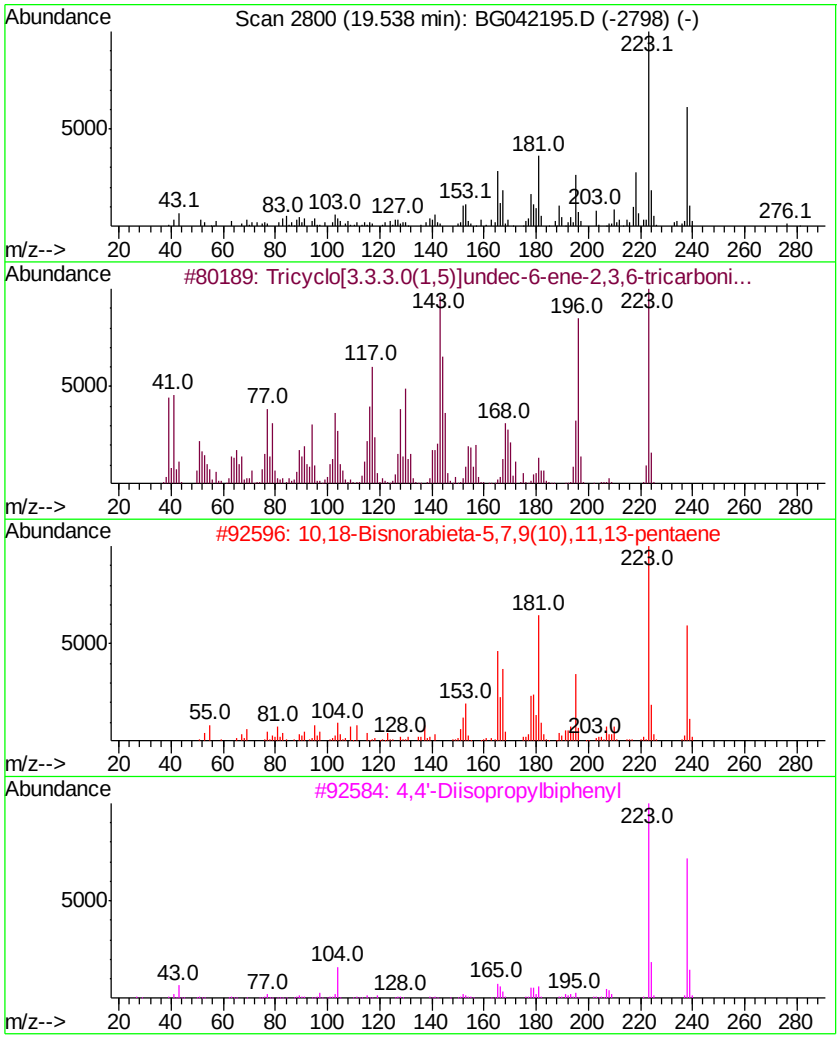
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

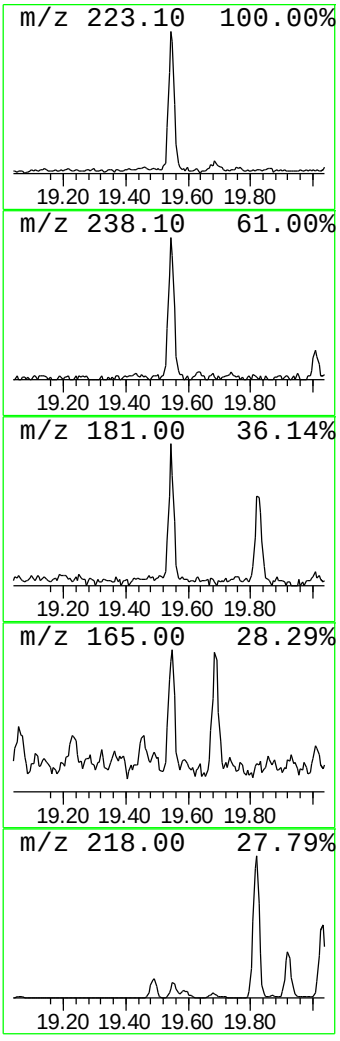
****

Peak Number 11 Tricyclo[3.3.3.0(1,5)]undec... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.17 ng/ul	129891	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	80
2	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	74
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49
5	Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

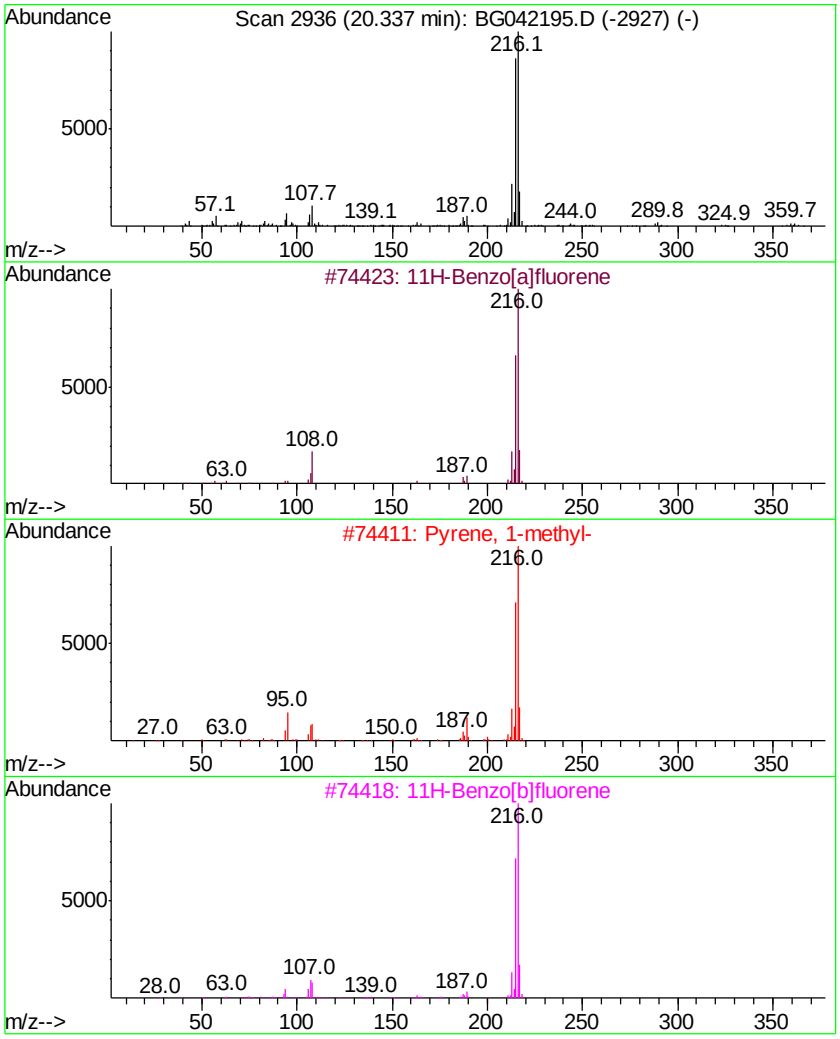
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

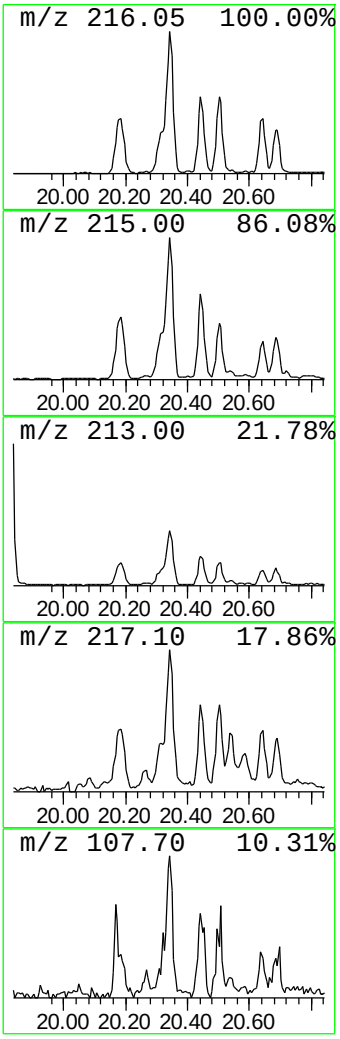
****

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.51 ng/ul	477280	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

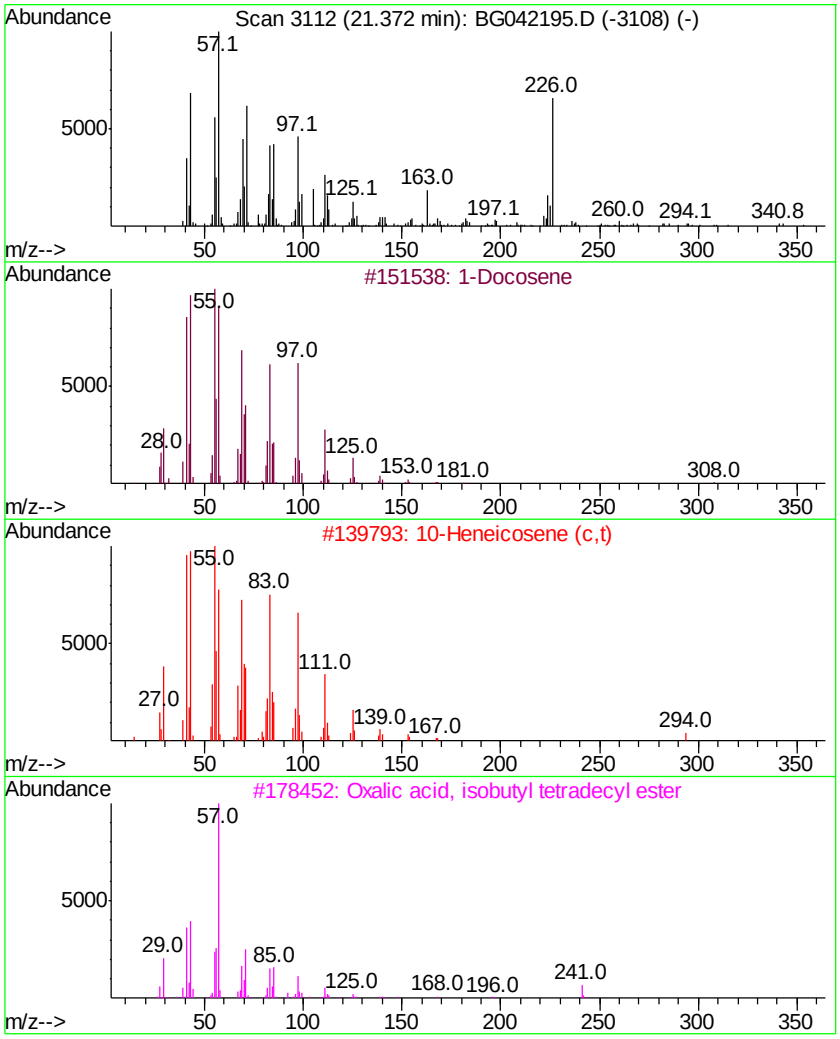
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

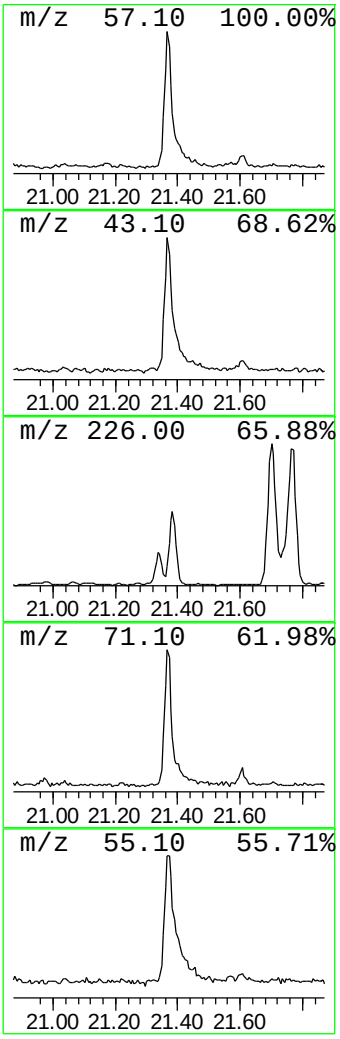
****

Peak Number 13 (DEL) Alkane: Cyclic21.37 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.08 ng/ul	554522	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	66
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	62
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

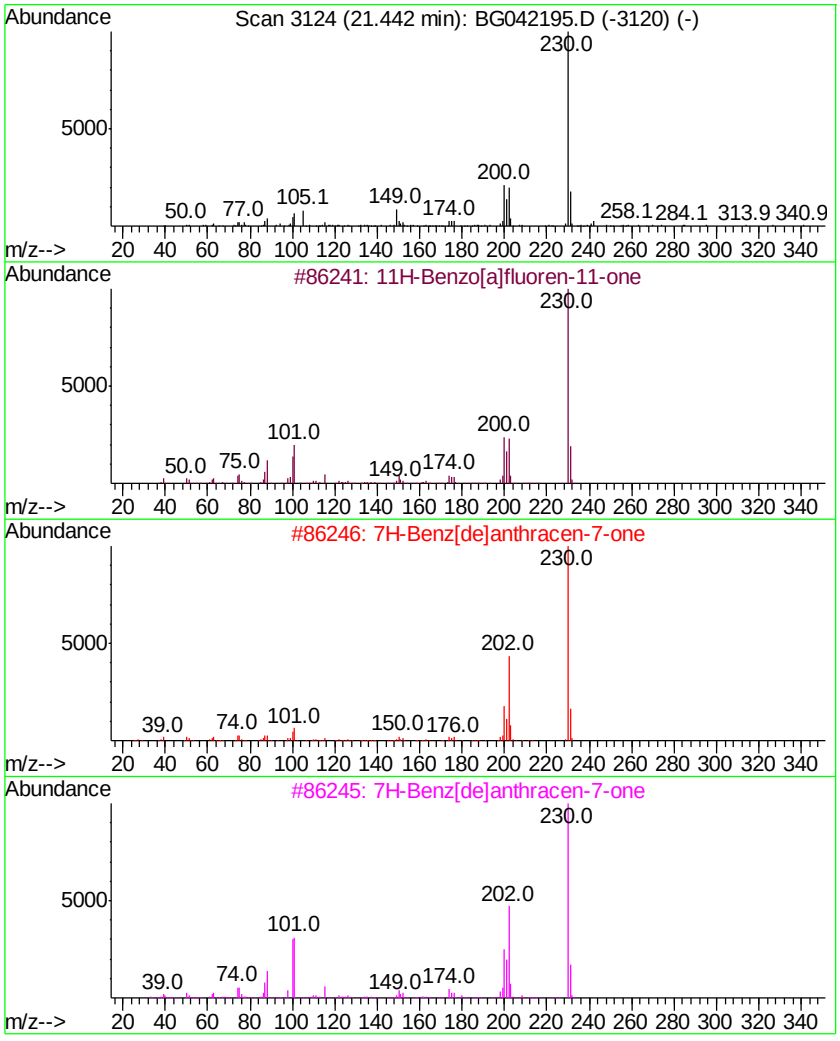
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

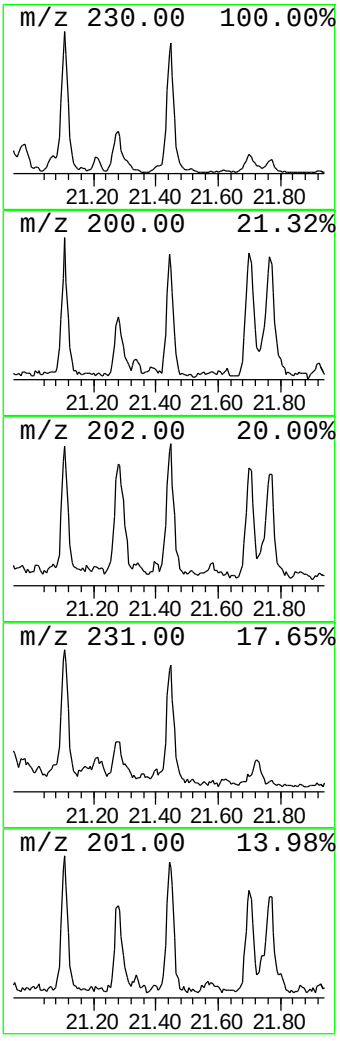
****

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.13 ng/ul	289957	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

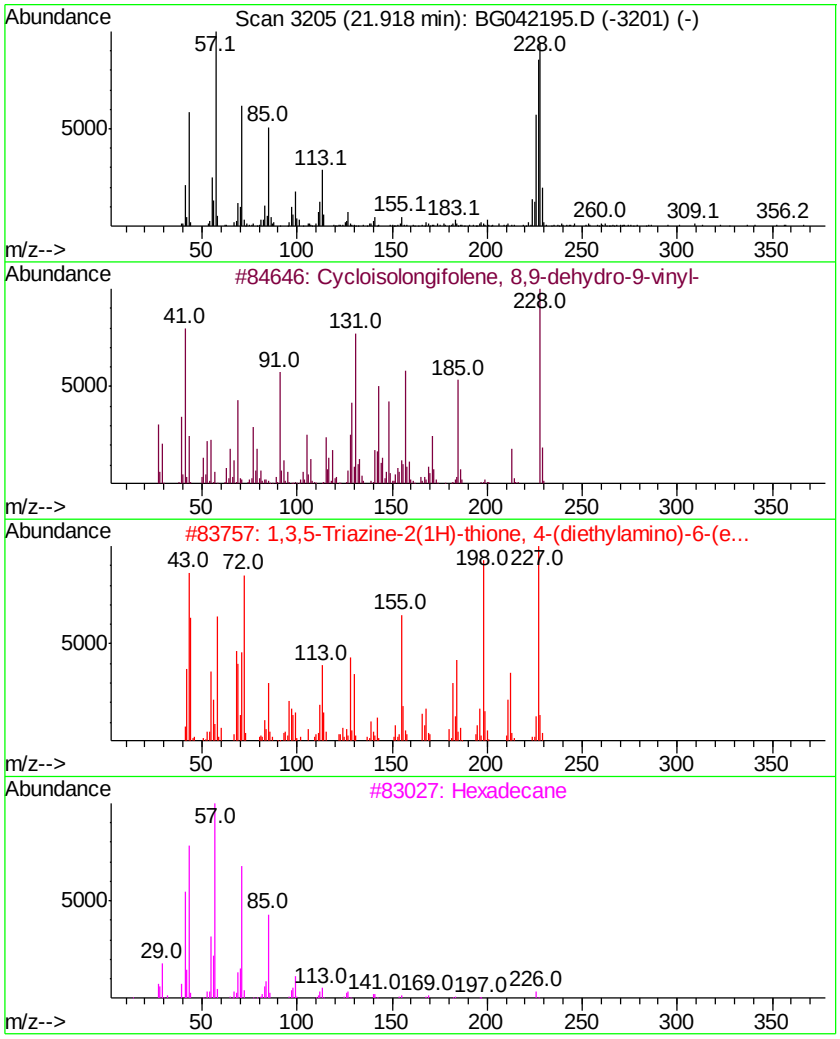
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

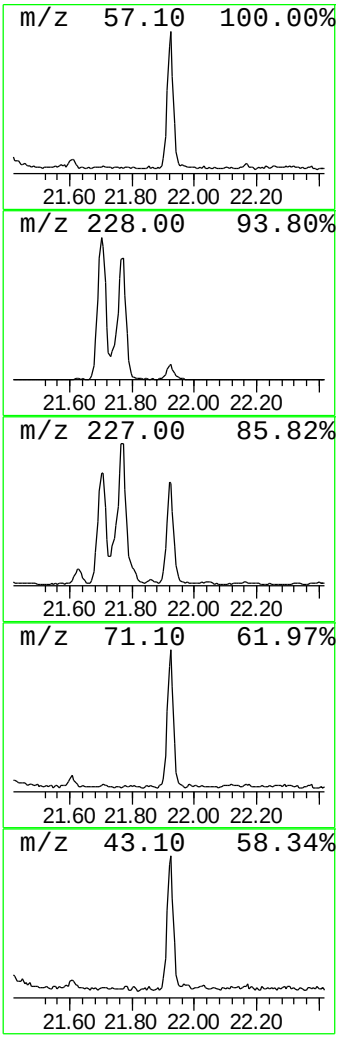
****

Peak Number 15 Cycloisolongifolene, 8,9-de... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.77 ng/ul	376857	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloisolongifolene, 8,9-dehydro...	228	C17H24	1000151-80-0	90
2	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	42
3	Hexadecane	226	C16H34	000544-76-3	38
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	30
5	Octacosane	394	C28H58	000630-02-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

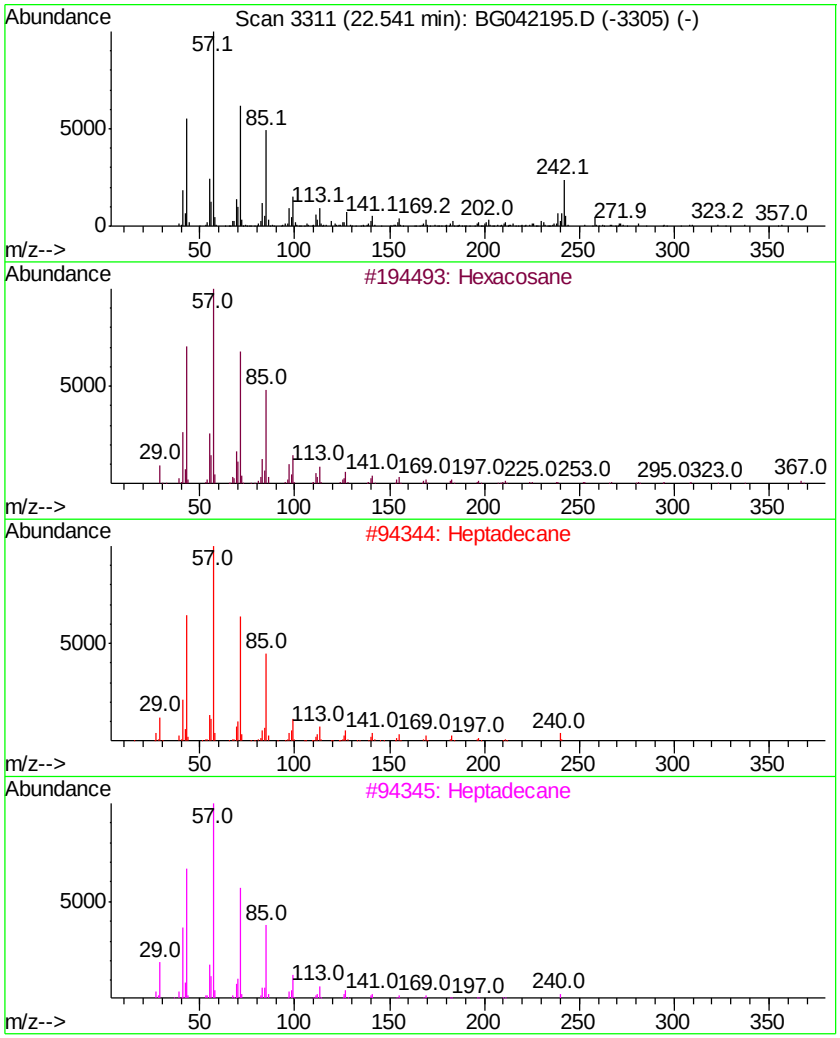
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

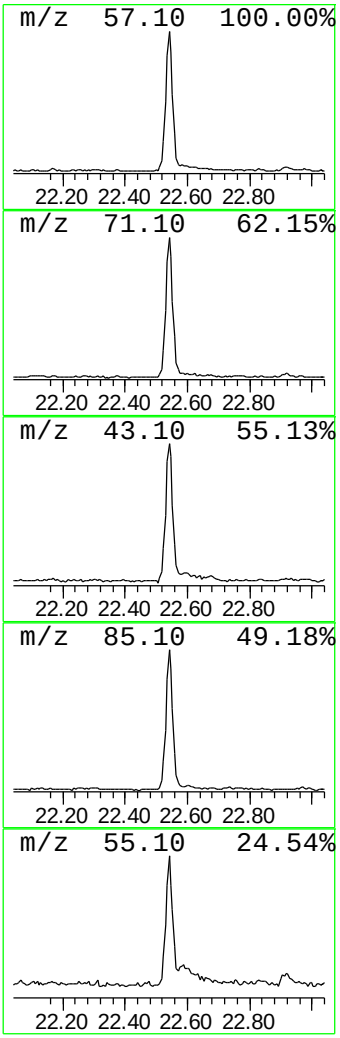
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	4.03 ng/ul	548393	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane	240	C17H36	000629-78-7	89
4	2-methyloctacosane	408	C29H60	1000376-72-8	81
5	Heneicosane	296	C21H44	000629-94-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

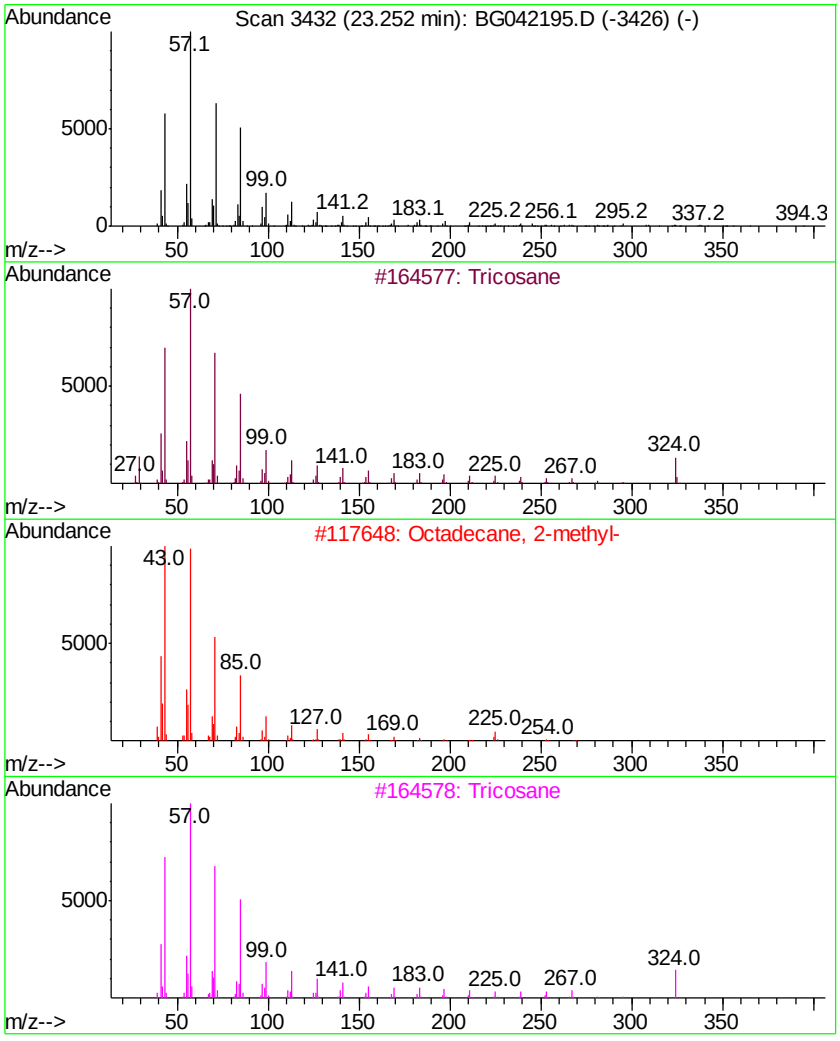
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

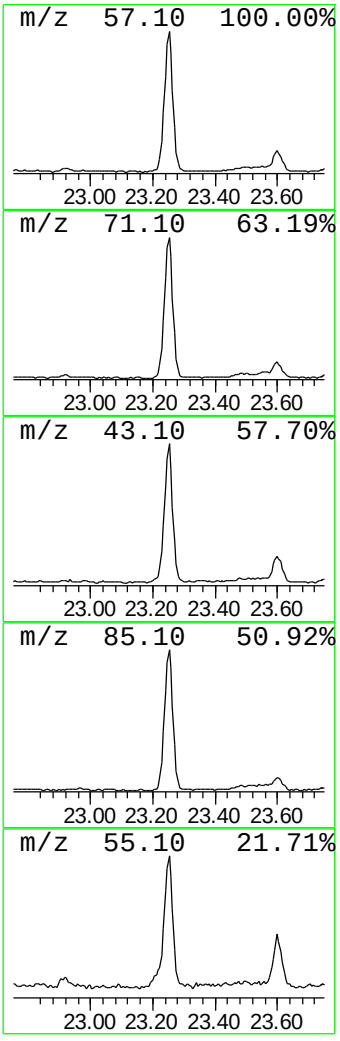
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	5.55 ng/ul	753691	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	97
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Tricosane	324	C23H48	000638-67-5	93
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
5	Nonacosane	408	C29H60	000630-03-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

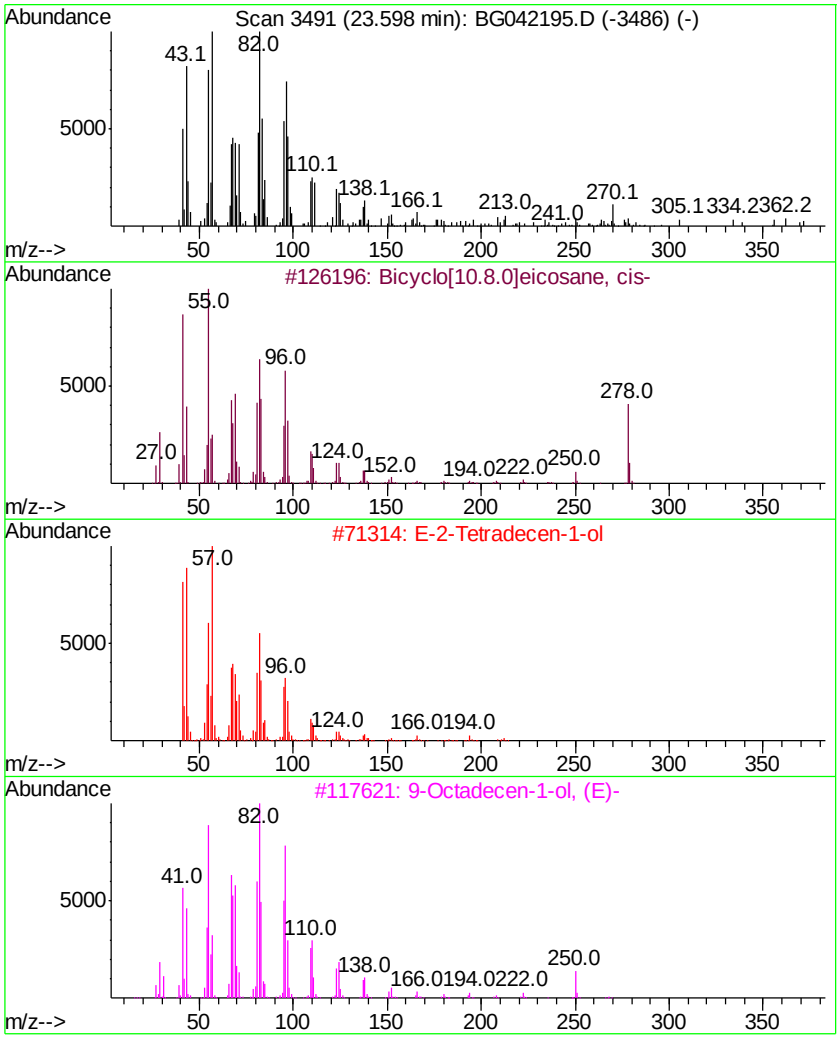
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

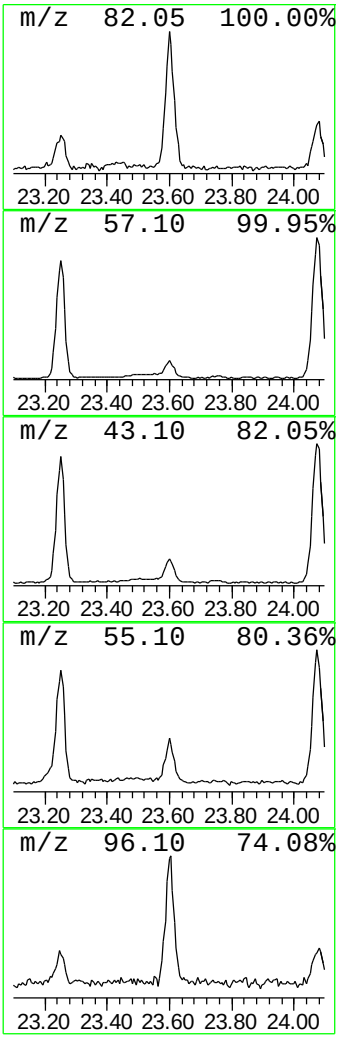
****

Peak Number 18 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	3.76 ng/ul	270830	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
2	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	93
3	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	93
4	Tetradecanal	212	C14H28O	000124-25-4	93
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

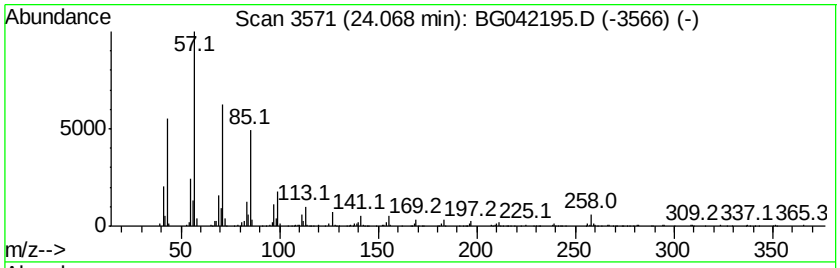
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

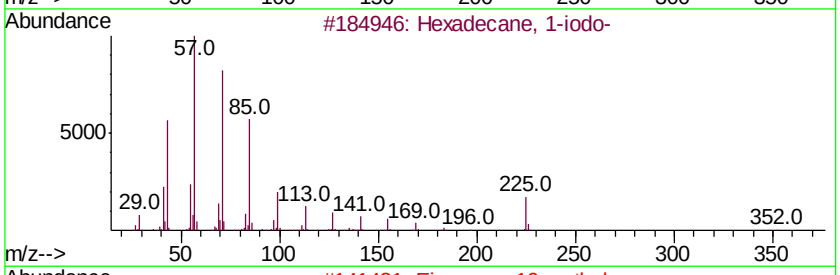
****

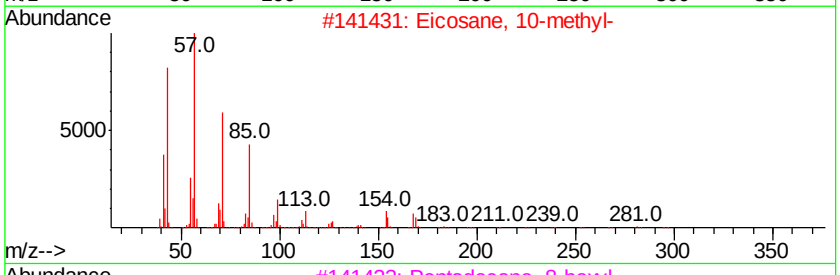
Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 4

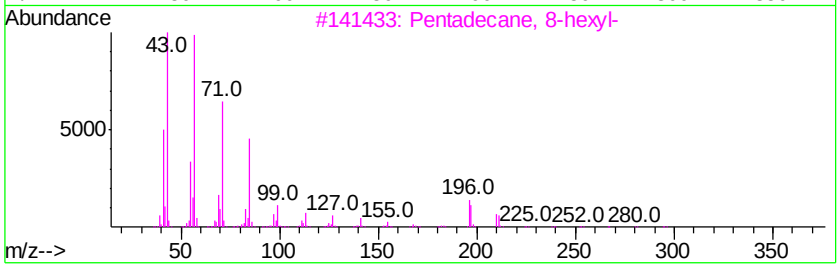
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	12.66 ng/ul	911746	Perylene-d12	24.99

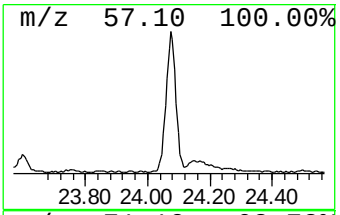
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Pentacosane	352	C25H52	000629-99-2	90

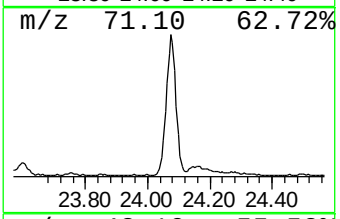


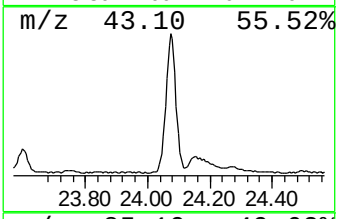


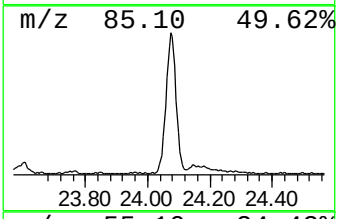


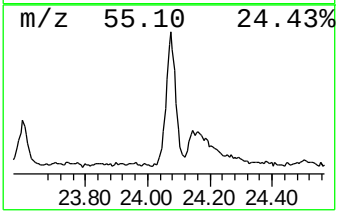












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

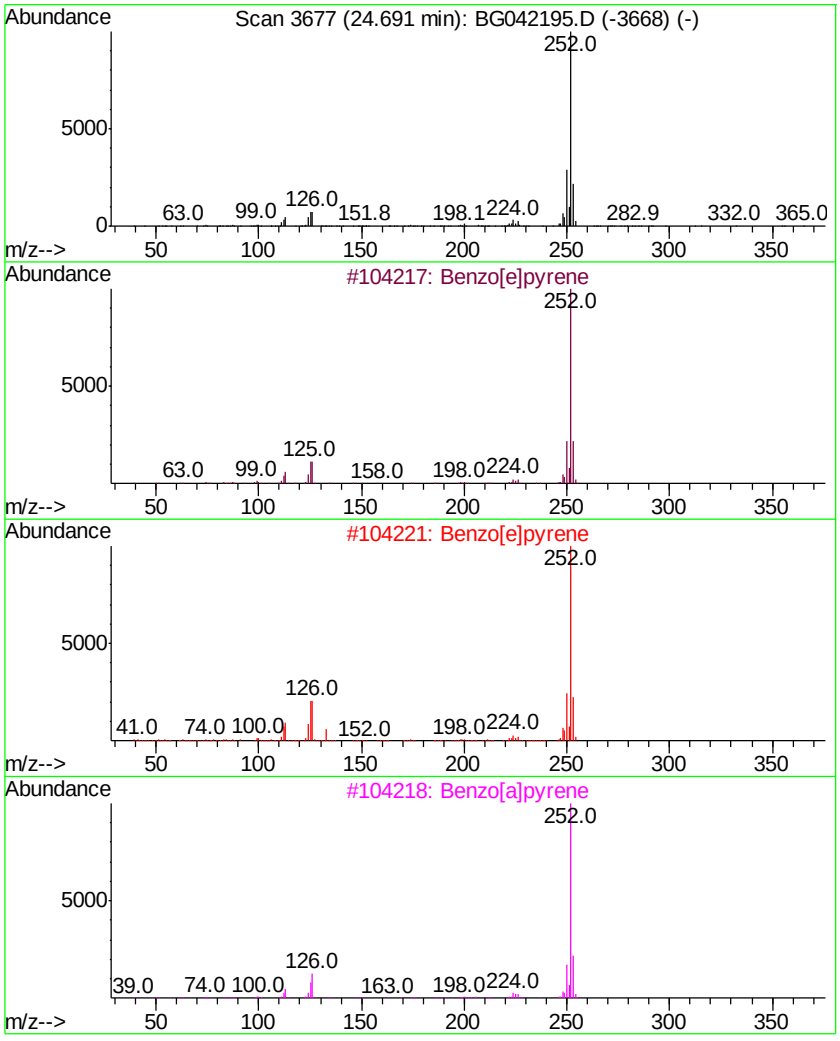
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

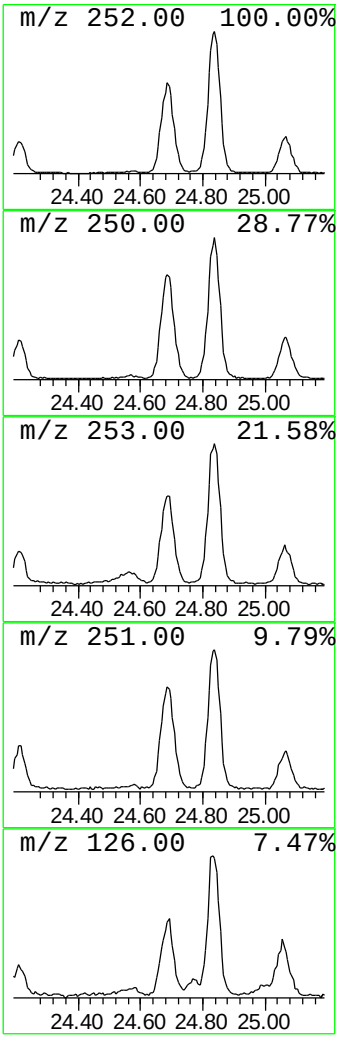
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	8.26 ng/ul	595006	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

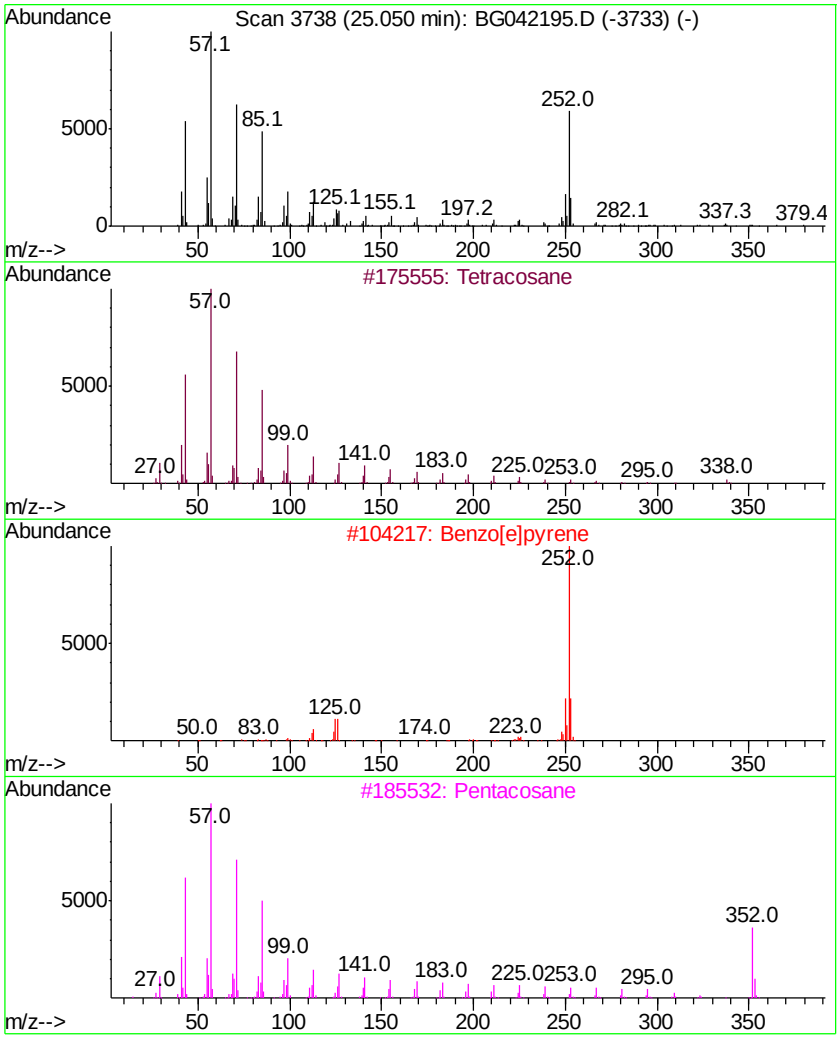
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

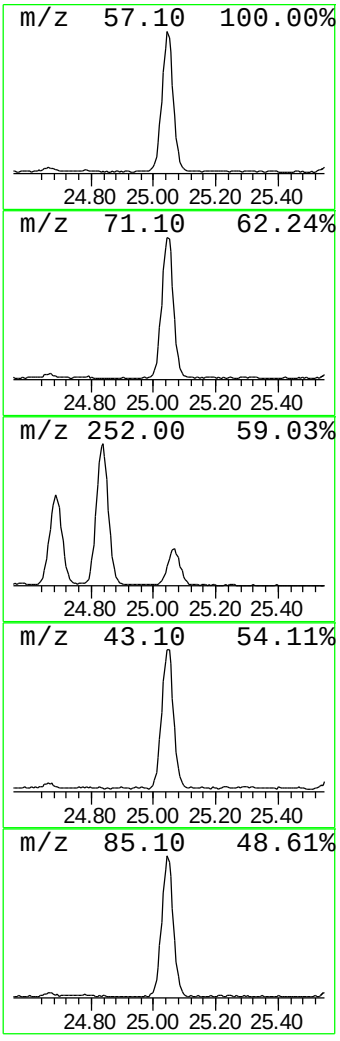
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	16.11 ng/ul	1160320	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Benzo[e]pyrene	252	C20H12	000192-97-2	86
3	Pentacosane	352	C25H52	000629-99-2	78
4	Eicosane	282	C20H42	000112-95-8	70
5	Heptacosane	380	C27H56	000593-49-7	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

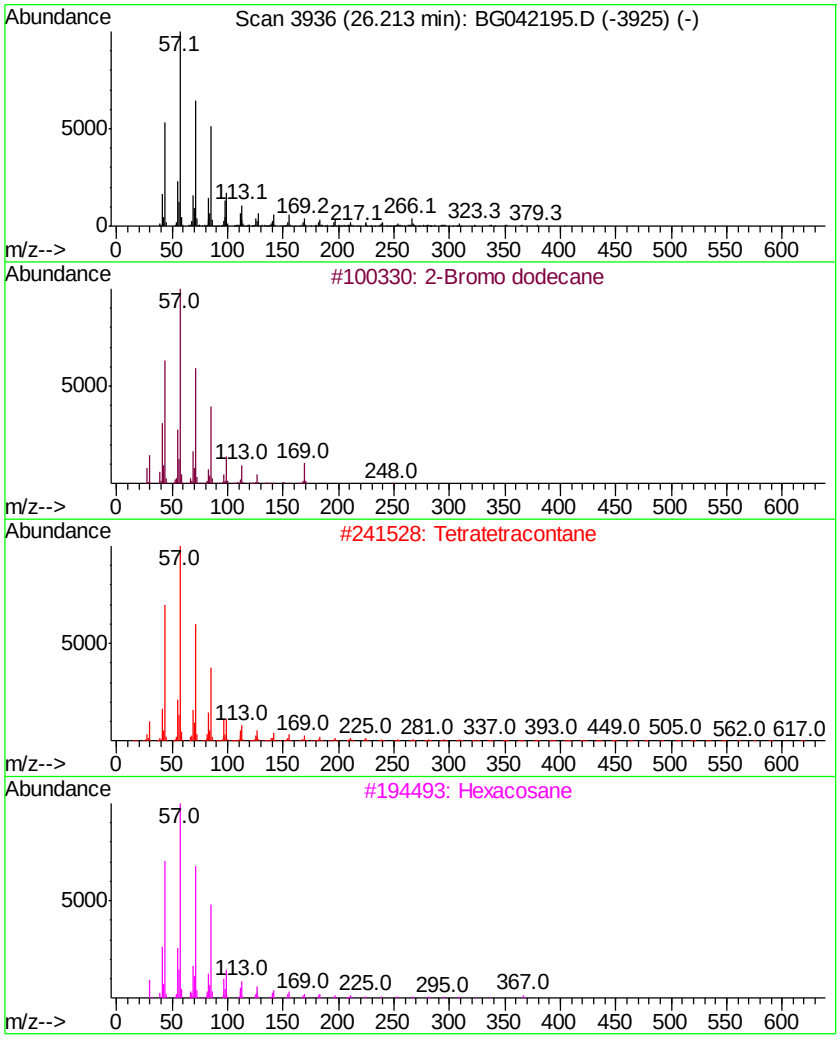
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

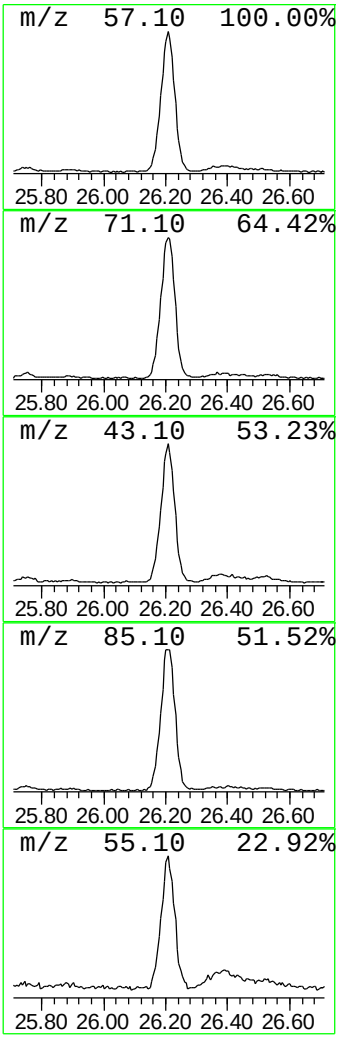
****

Peak Number 22 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	15.33 ng/ul	1103800	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

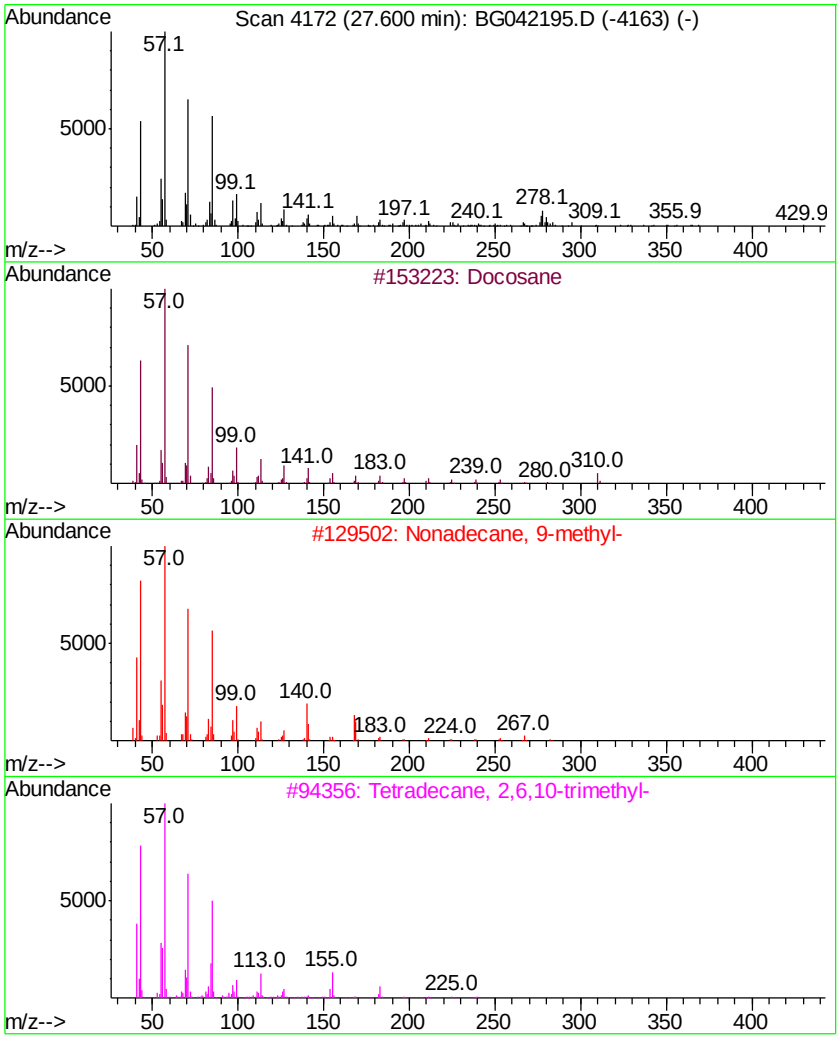
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

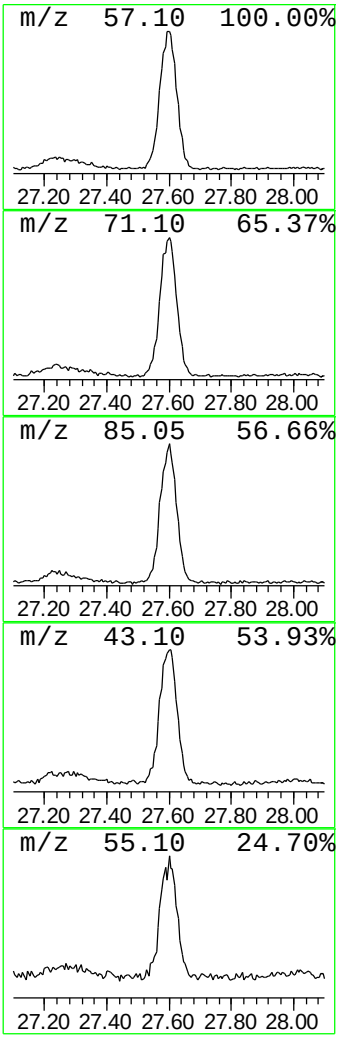
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.60	7.69 ng/ul	553575	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Hentriacontane	437	C31H64	000630-04-6	89
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

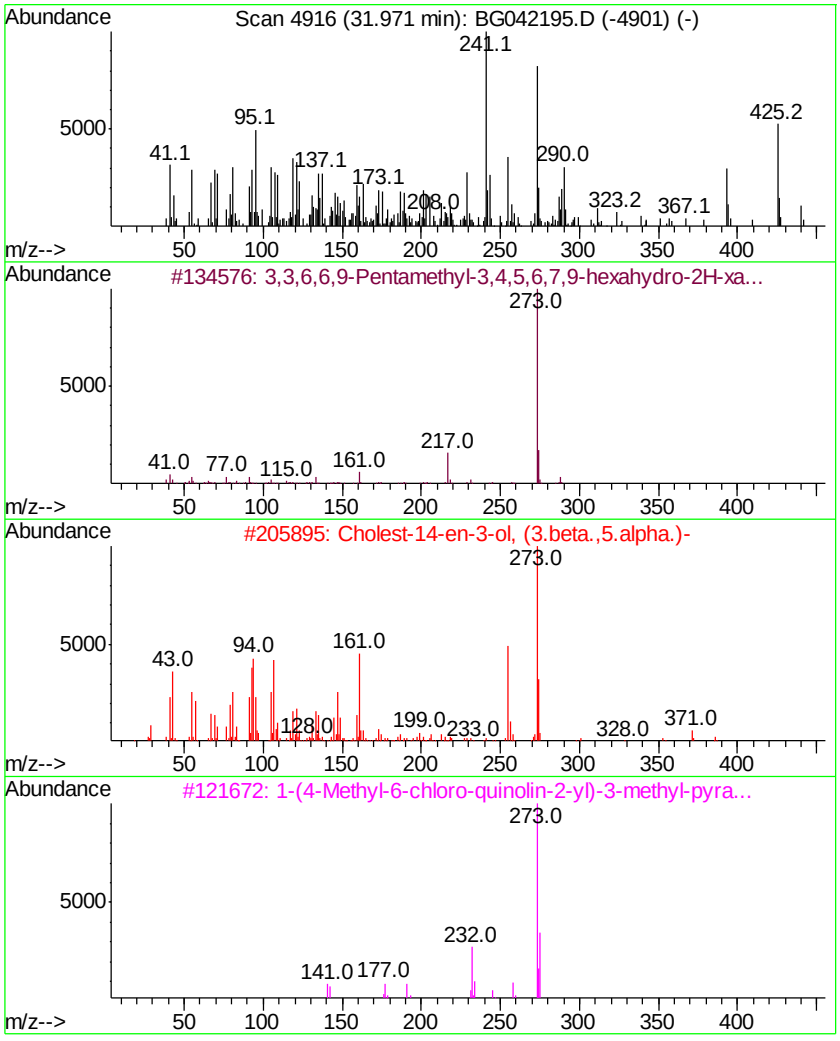
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

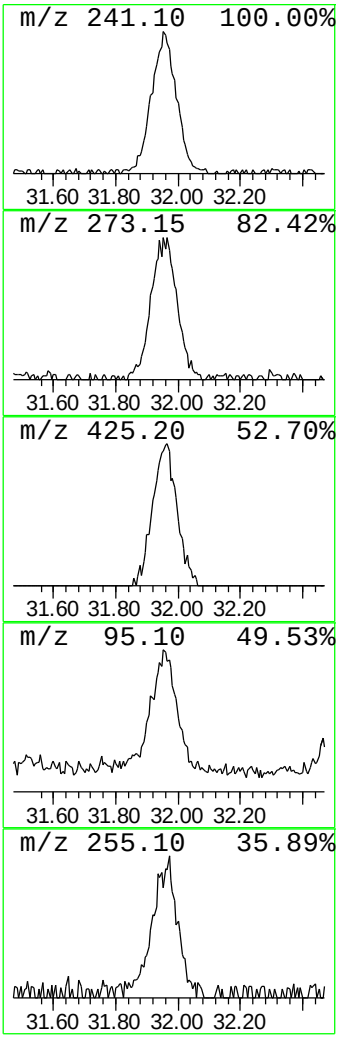
****

Peak Number 24 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.97	12.28 ng/ul	884344	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,6,6,9-Pentamethyl-3,4,5,6,7,...	288	C18H24O3	019225-63-9	25
2	Cholest-14-en-3-ol, (3.beta.,5.a...	386	C27H46O	020780-35-2	18
3	1-(4-Methyl-6-chloro-quinolin-2-...	273	C14H12ClN3O	111784-26-0	18
4	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	15
5	Pyrimido[4',5':4,5]furo[2,3-b]qu...	241	C13H11N3O2	1000362-77-3	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	135.6	ng/ul	3021020	1	8.02	445662	20.0
Toluene	4.17	4.2	ng/ul	92952	1	8.02	445662	20.0
Phenanthrene, 2-m...	18.32	3.7	ng/ul	220179	4	17.43	1195820	20.0
Anthracene, 2-met...	18.36	4.6	ng/ul	276539	4	17.43	1195820	20.0
4H-Cyclopenta[def...	18.51	5.7	ng/ul	341222	4	17.43	1195820	20.0
Anthracene, 9-met...	18.55	2.1	ng/ul	125669	4	17.43	1195820	20.0
5,16[1',2']:8,13[...	18.81	2.6	ng/ul	158717	4	17.43	1195820	20.0
4b,8-Dimethyl-2-i...	19.06	3.0	ng/ul	182180	4	17.43	1195820	20.0
Phenanthrene, 2,5...	19.23	2.1	ng/ul	126403	4	17.43	1195820	20.0
Cyclopenta(def)ph...	19.37	2.3	ng/ul	139853	4	17.43	1195820	20.0
Tricyclo[3.3.3.0(...	19.54	2.2	ng/ul	129891	4	17.43	1195820	20.0
11H-Benzo[a]fluorene	20.34	3.5	ng/ul	477280	5	21.72	2718440	20.0
(DEL) Alkane: Cyc...	21.37	4.1	ng/ul	554522	5	21.72	2718440	20.0
11H-Benzo[a]fluor...	21.44	2.1	ng/ul	289957	5	21.72	2718440	20.0
Cycloisolongifole...	21.92	2.8	ng/ul	376857	5	21.72	2718440	20.0
(DEL) Alkane: Str...	22.54	4.0	ng/ul	548393	5	21.72	2718440	20.0
(DEL) Alkane: Str...	23.25	5.5	ng/ul	753691	5	21.72	2718440	20.0
Bicyclo[10.8.0]ei...	23.60	3.8	ng/ul	270830	6	24.99	1440130	20.0
Hexadecane, 1-iodo-	24.07	12.7	ng/ul	911746	6	24.99	1440130	20.0
Benzo[e]pyrene	24.69	8.3	ng/ul	595006	6	24.99	1440130	20.0
(DEL) Alkane: Str...	25.05	16.1	ng/ul	1160320	6	24.99	1440130	20.0
2-Bromo dodecane	26.21	15.3	ng/ul	1103800	6	24.99	1440130	20.0
(DEL) Alkane: Str...	27.60	7.7	ng/ul	553575	6	24.99	1440130	20.0
unknown-01	31.97	12.3	ng/ul	884344	6	24.99	1440130	20.0