LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

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 : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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	2.728	5	7	15	rVB3	9485	14349	0.35%	0.033%
2	2.793	15	18	22	rBV	22460	31008	0.75%	0.072%
3	2.869	27	31	43	rVB	302604	407365	9.81%	0.949%
4	3.134	72	76	82	rVB	14234	19258	0.46%	0.045%
5	3.469	128	133	145	rVB	518467	669081	16.11%	1.558%
6	3.652	160	164	167	rBV2	10064	13639	0.33%	0.032%
7	3.687	167	170	173	rVB5	8336	10204	0.25%	0.024%
8	4.763	349	353	358	rBV4	8265	14018	0.34%	0.033%
9	5.299	440	444	454	rVB	33283	56648	1.36%	0.132%
10	5.669	502	507	513	rVB	58299	86360	2.08%	0.201%
11	5.734	514	518	523	rVV2	6489	10968	0.26%	0.026%
12	6.634	667	671	678	rVB3	14646	22421	0.54%	0.052%
13	6.740	684	689	694	rBV	52478	73702	1.77%	0.172%
14	6.822	694	703	708	rVV	314808	533515	12.85%	1.242%
15	6.875	708	712	719	rVB	110426	163597	3.94%	0.381%
16	6.993	725	732	737	rBV	243109	366036	8.82%	0.852%
17	7.040	737	740	746	rVB	68707	96066	2.31%	0.224%
18	7.187	758	765	774	rVB	331311	518544	12.49%	1.207%
19	7.298	774	784	791	rBV	294873	448392	10.80%	1.044%
20	7.651	835	844	857	rBV	328848	539025	12.98%	1.255%
21	7.763	857	863	871	rVB	123012	188598	4.54%	0.439%
22	8.022	901	907	913	rBV	13530	21321	0.51%	0.050%
23	8.192	930	936	940	rBV3	17294	30868	0.74%	0.072%
24	8.287	947	952	958	rBV	31913	48881	1.18%	0.114%
25	8.363	958	965	971	rBV	381876	620232	14.94%	1.444%
26	8.428	971	976	981	rBV3	20973	39187	0.94%	0.091%
27	8.598	1000	1005	1009	rBV2	14774	21589	0.52%	0.050%
28	8.651	1009	1014	1020	rVB	11914	16817	0.40%	0.039%
29	8.751	1025	1031	1035	rVV	21991	32029	0.77%	0.075%
30	8.816	1035	1042	1048	rVV	290193	488822	11.77%	1.138%
31	8.869	1048	1051	1056	rVB	10112	13734	0.33%	0.032%
32	9.275	1113	1120	1124	rVB	18221	26600	0.64%	0.062%
33	9.334	1124	1130	1137	rBV	27134	44232	1.07%	0.103%
34	9.534	1157	1164	1174	rBV	265388	437872	10.55%	1.020%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

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 : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

35	9.845	1212	1217	1222	rBV3	9188	14348	0.35%	0.033%
36	10.063	1248	1254	1264	rVB	413106	689869	16.61%	1.606%
37	10.439	1309	1318	1324	rBV	448945	777131	18.72%	1.810%
38	10.498	1324	1328	1334	rVB2	34610	52853	1.27%	0.123%
39	10.616	1339	1348	1360	rVB	148936	400570	9.65%	0.933%
40	12.110	1594	1602	1607	rBV	17606	30286	0.73%	0.071%
41	12.239	1618	1624	1636	rBV	22307	54067	1.30%	0.126%
42	12.333	1636	1640	1645	rVB	10977	17171	0.41%	0.040%
43	12.575	1674	1681	1686	rBV4	7897	14857	0.36%	0.035%
44	12.651	1690	1694	1701	rBV2	10521	19867	0.48%	0.046%
45	12.904	1731	1737	1744	rVV3	22086	33467	0.81%	0.078%
46	13.075	1761	1766	1770	rBV6	9222	12956	0.31%	0.030%
47	13.127	1770	1775	1780	rVV5	7396	15526	0.37%	0.036%
48	13.622	1854	1859	1865	rVV4	19137	31741	0.76%	0.074%
49	13.722	1870	1876	1880	rVV	693975	927795	22.34%	2.160%
50	13.769	1880	1884	1891	rVB	193263	263190	6.34%	0.613%
51	13.963	1911	1917	1918	rBV4	7394	12022	0.29%	0.028%
52	14.004	1918	1924	1934	rVB	759878	1142526	27.52%	2.660%
53	14.133	1942	1946	1950	rVB3	10798	15786	0.38%	0.037%
54	14.204	1953	1958	1964	rBV3	20101	31199	0.75%	0.073%
55	14.263	1964	1968	1969	rBV3	9421	10722	0.26%	0.025%
56	14.310	1970	1976	1983	rVB2	692975	1078217	25.97%	2.511%
57	14.374	1983	1987	1988	rBV3	16330	18879	0.45%	0.044%
58	14.516	2005	2011	2020	rVV	286478	436949	10.52%	1.017%
59	14.639	2027	2032	2035	rBV6	14130	22719	0.55%	0.053%
60	14.704	2041	2043	2052	rVB6	12189	22986	0.55%	0.054%
61	14.821	2060	2063	2066	rBV5	8910	12453	0.30%	0.029%
62	14.869	2066	2071	2077	rVB	14198	26087	0.63%	0.061%
63	15.092	2105	2109	2114	rBV4	27445	47007	1.13%	0.109%
64	15.157	2117	2120	2124	rVV2	24234	32244	0.78%	0.075%
65	15.304	2139	2145	2151	rBV	967251	1378929	33.21%	3.211%
66	15.357	2151	2154	2159	rVV3	15943	25034	0.60%	0.058%
67	15.433	2161	2167	2173	rVB	142200	204477	4.92%	0.476%
68	15.527	2179	2183	2184	rBV4	8885	11407	0.27%	0.027%
69	15.568	2185	2190	2193	rVB3	19545	33374	0.80%	0.078%
70	15.657	2200	2205	2206	rBV4	10515	16500	0.40%	0.038%
71	15.880	2239	2243	2244	rBV4	8575	10657	0.26%	0.025%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

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 : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

72	16.045	2263	2271	2276	rBV2	71456	166270	4.00%	0.387%
73	16.133	2284	2286	2288	rBV3	9727	11314	0.27%	0.026%
74	16.463	2339	2342	2347	rVB7	18990	25276	0.61%	0.059%
75	16.710	2381	2384	2391	rVB6	23221	36284	0.87%	0.084%
76	16.815	2399	2402	2405	rBV	33072	35025	0.84%	0.082%
77	16.868	2407	2411	2420	rVB2	57281	99873	2.41%	0.233%
78	17.057	2437	2443	2448	rBV2	897772	1333020	32.10%	3.104%
79	17.098	2448	2450	2455	rVV	216341	284754	6.86%	0.663%
80	17.157	2455	2460	2469	rVB2	1012987	1482335	35.70%	3.452%
81	17.957	2589	2596	2606	rVB3	398860	688541	16.58%	1.603%
82	18.127	2621	2625	2629	rBV2	50118	79855	1.92%	0.186%
83	19.121	2790	2794	2800	rBV	414728	569664	13.72%	1.326%
84	19.180	2800	2804	2809	rVB2	224032	286993	6.91%	0.668%
85	19.245	2811	2815	2827	rVV2	244189	417970	10.07%	0.973%
86	19.462	2847	2852	2855	rBV	1202234	1718221	41.38%	4.001%
87	20.945	3102	3104	3106	rBV2	110350	110572	2.66%	0.257%
88	21.256	3152	3157	3162	rBV	1120719	1662409	40.04%	3.871%
89	21.762	3239	3243	3252	rVB	1662370	2156690	51.94%	5.022%
90	21.915	3264	3269	3276	rVB2	2826099	3734569	89.94%	8.696%
91	22.068	3290	3295	3298	rBV3	1771494	2746201	66.14%	6.395%
92	22.227	3318	3322	3324	rBV2	662614	911179	21.94%	2.122%
93	22.256	3324	3327	3339	rVB3	953186	1893262	45.59%	4.409%
94	23.350	3508	3513	3518	rBV2	712071	1198946	28.87%	2.792%
95	23.491	3532	3537	3553	rVB	637400	1366805	32.92%	3.183%
96	23.997	3618	3623	3629	rVB	239128	432615	10.42%	1.007%
97	24.062	3630	3634	3646	rVB	242518	531572	12.80%	1.238%
98	25.597	3890	3895	3909	rVB2	146991	414606	9.98%	0.965%
99	25.897	3935	3946	3962	rVB2	1452977	4152351	100.00%	9.669%
100	29.226	4503	4512	4527	rVB6	73629	327049	7.88%	0.762%

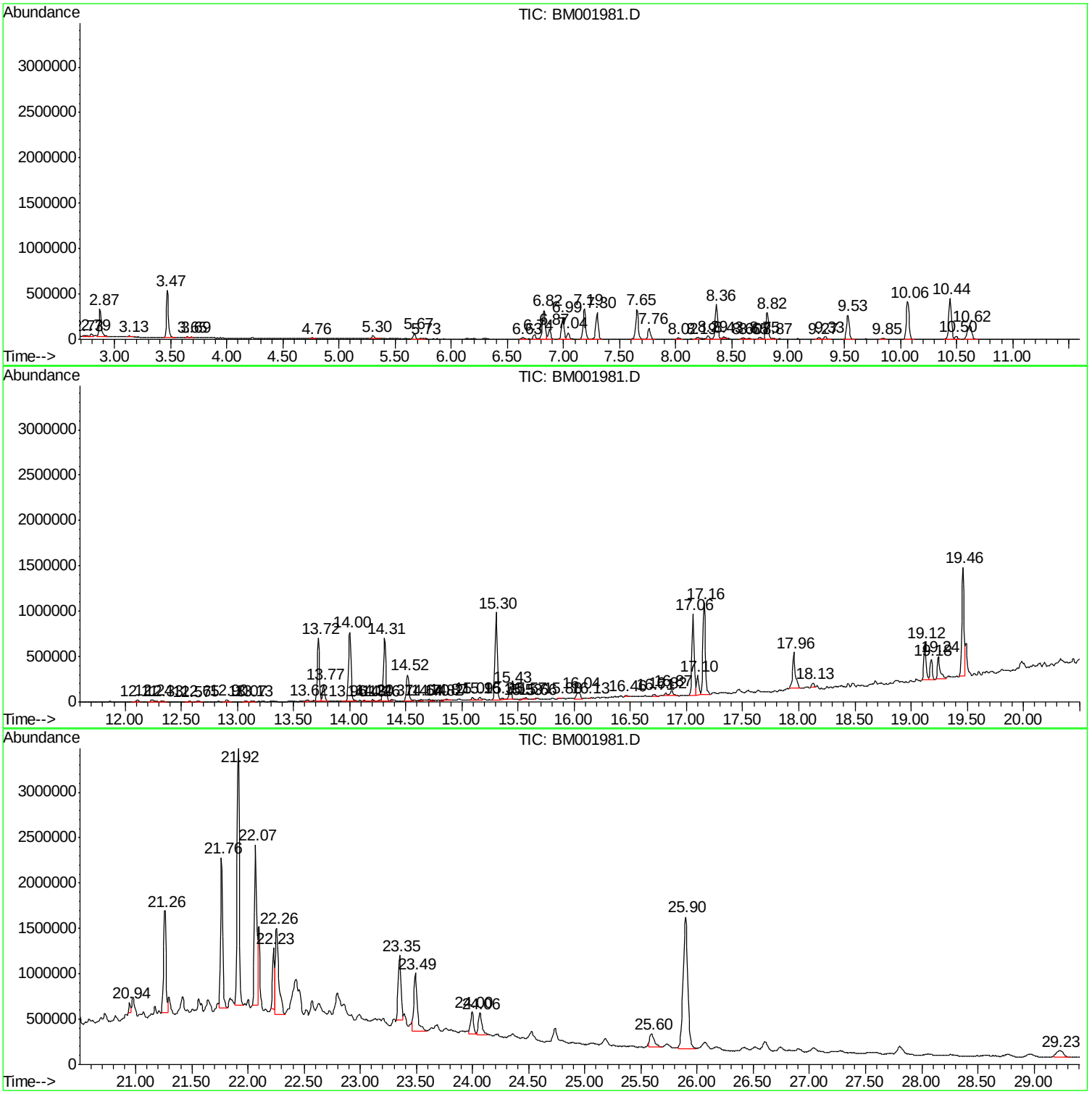
Sum of corrected areas: 42945067

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

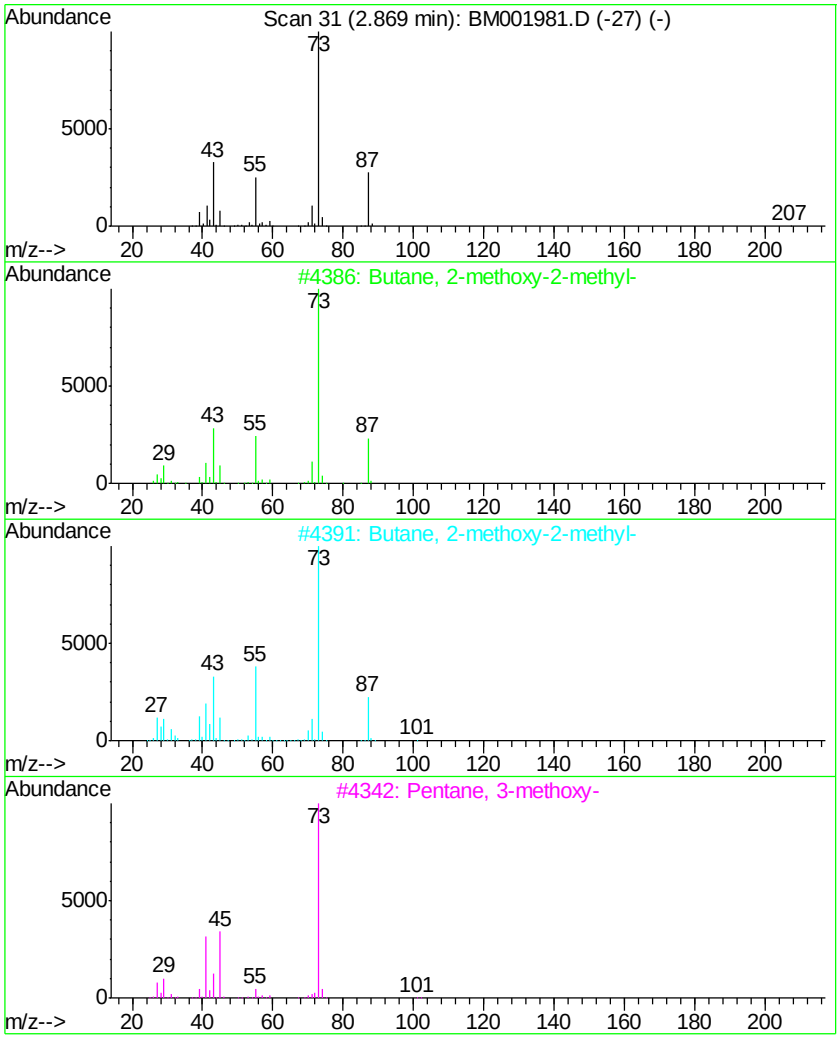
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

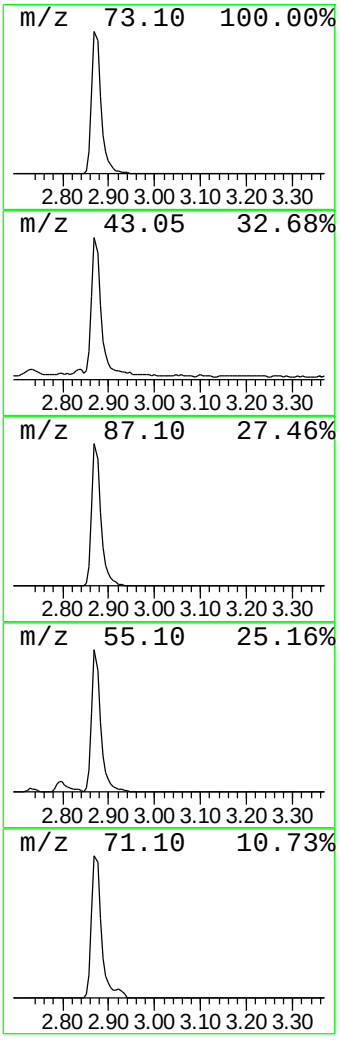
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	15.11 ng/ul	407365	1,4-Dichlorobenzene-d4	7.65

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	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

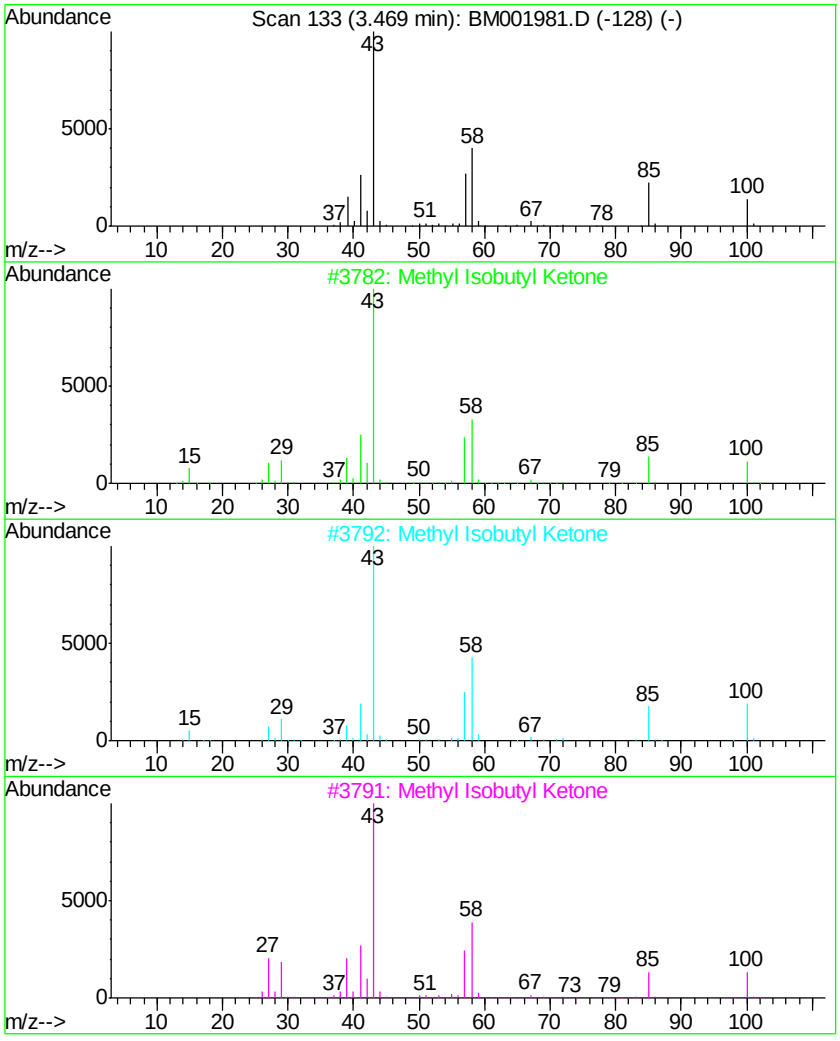
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

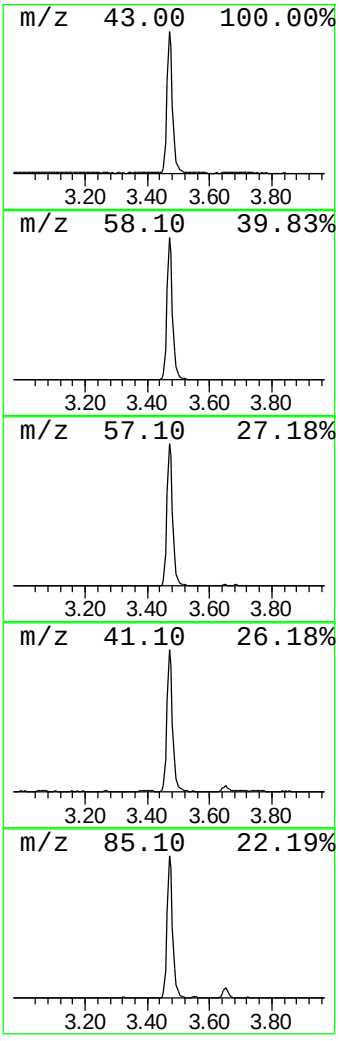
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	24.83 ng/ul	669081	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
4	2-Hexanone	100	C6H12O	000591-78-6	72
5	2-Hexanone	100	C6H12O	000591-78-6	58





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

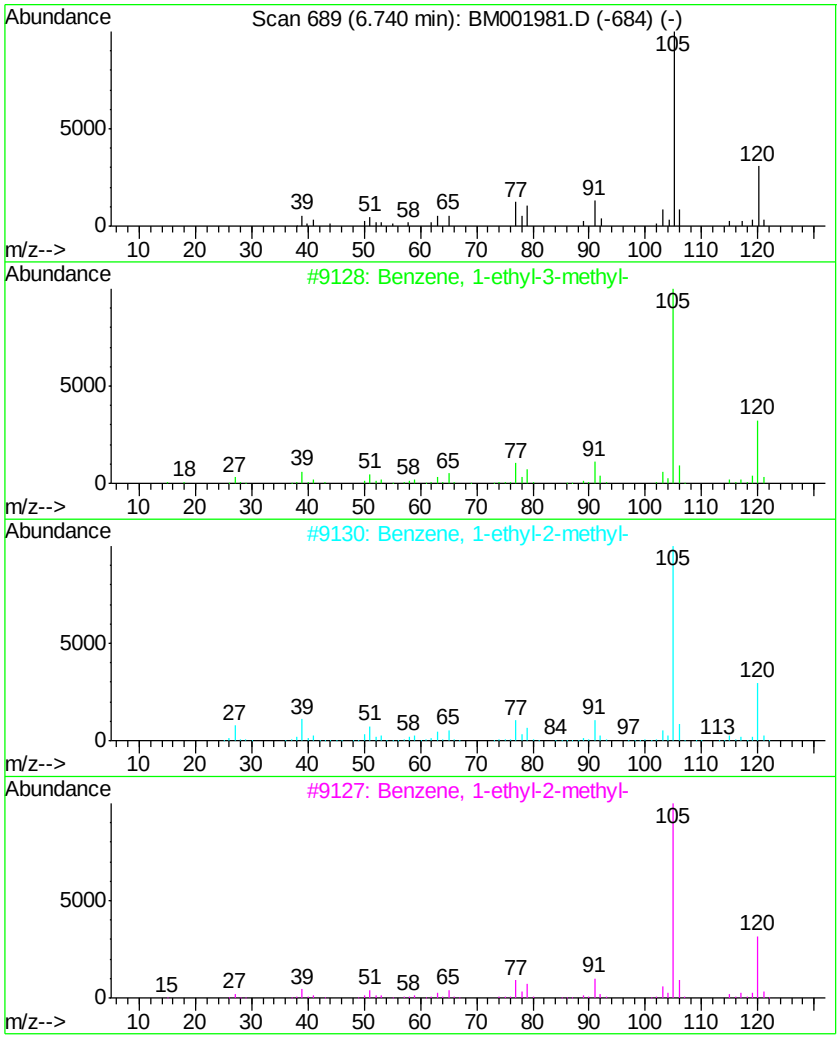
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

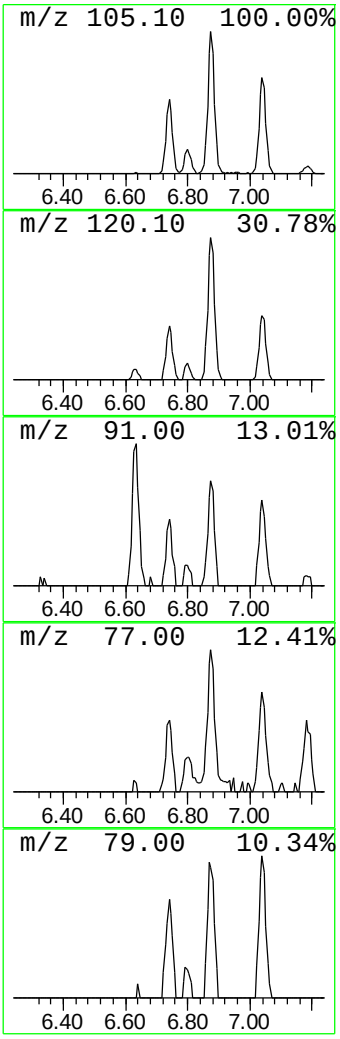
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	2.73 ng/ul	73702	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

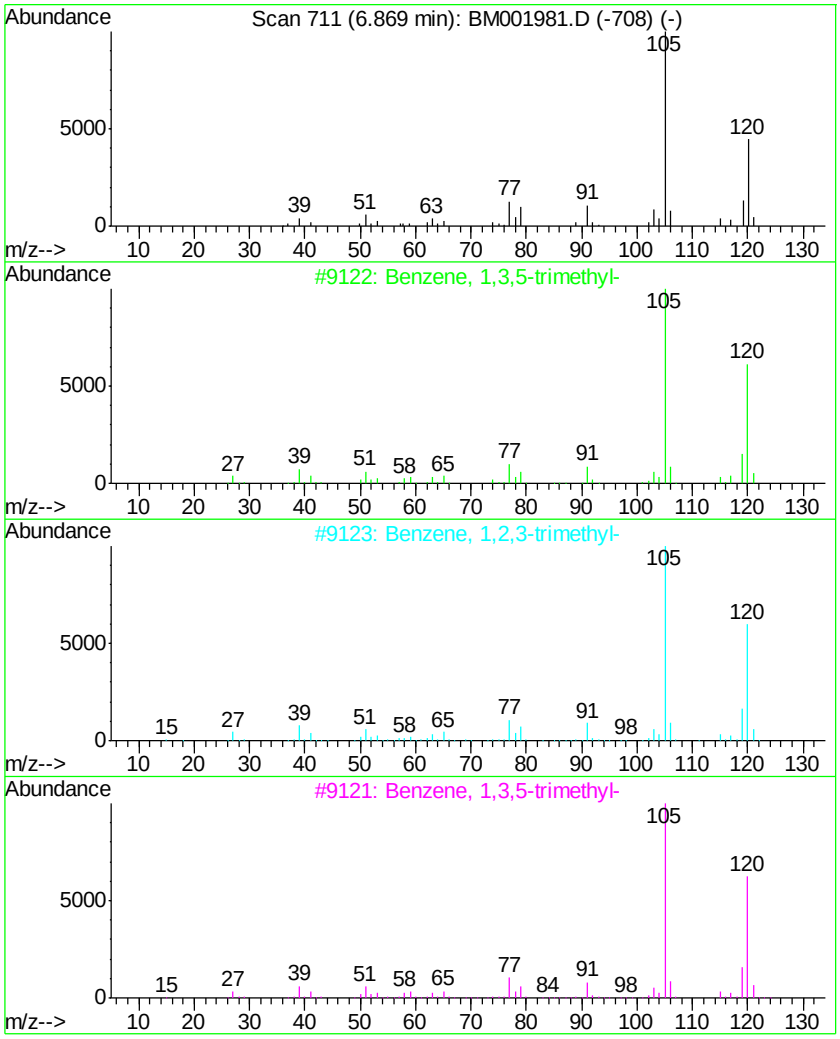
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

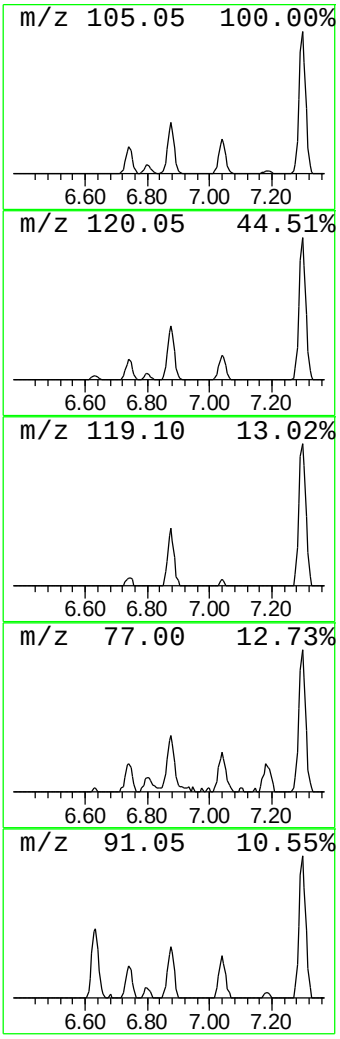
****

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	6.07 ng/ul	163597	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

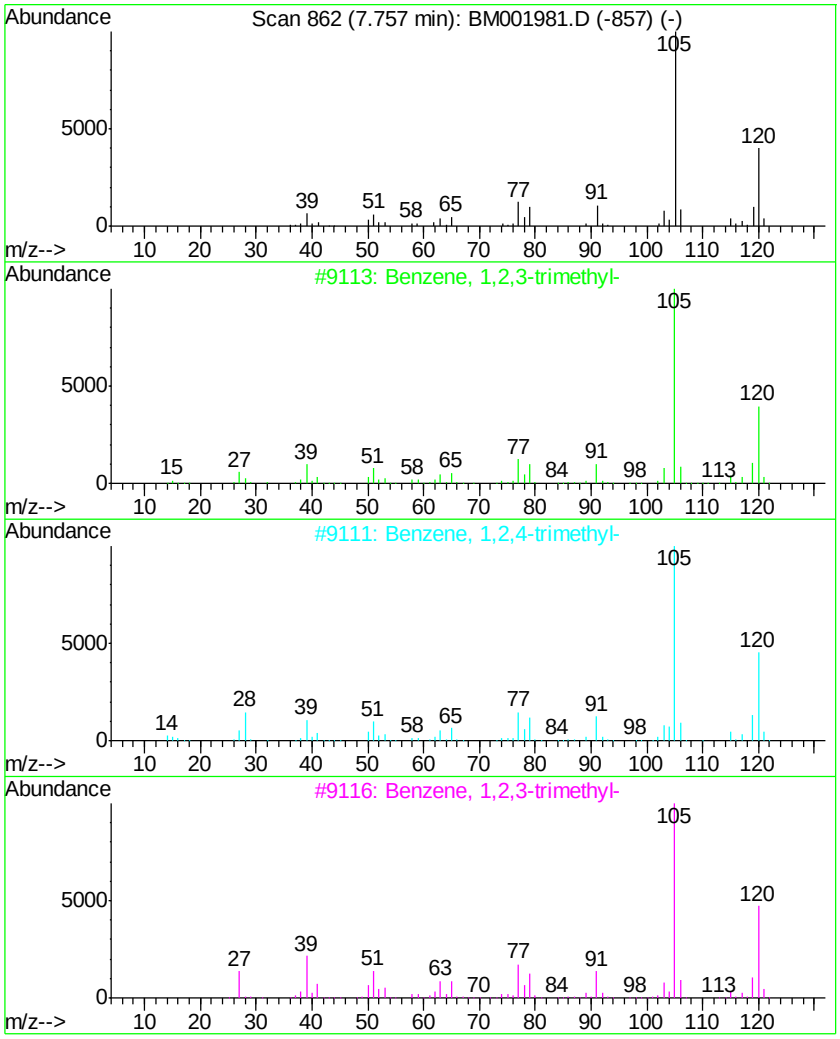
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

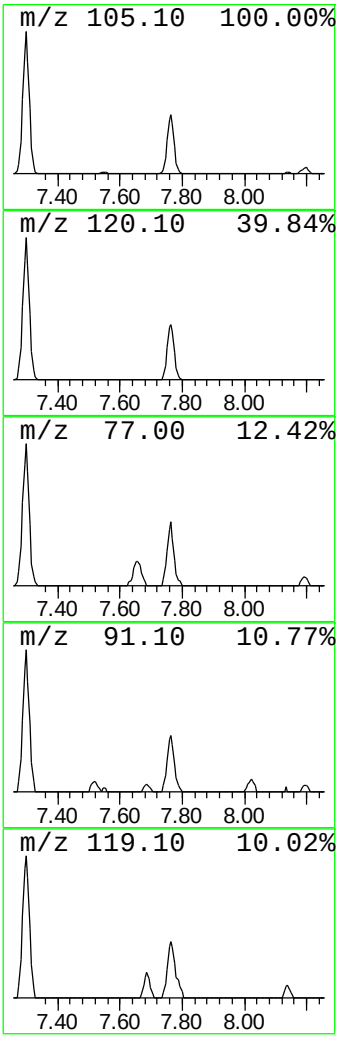
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	7.00 ng/ul	188598	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

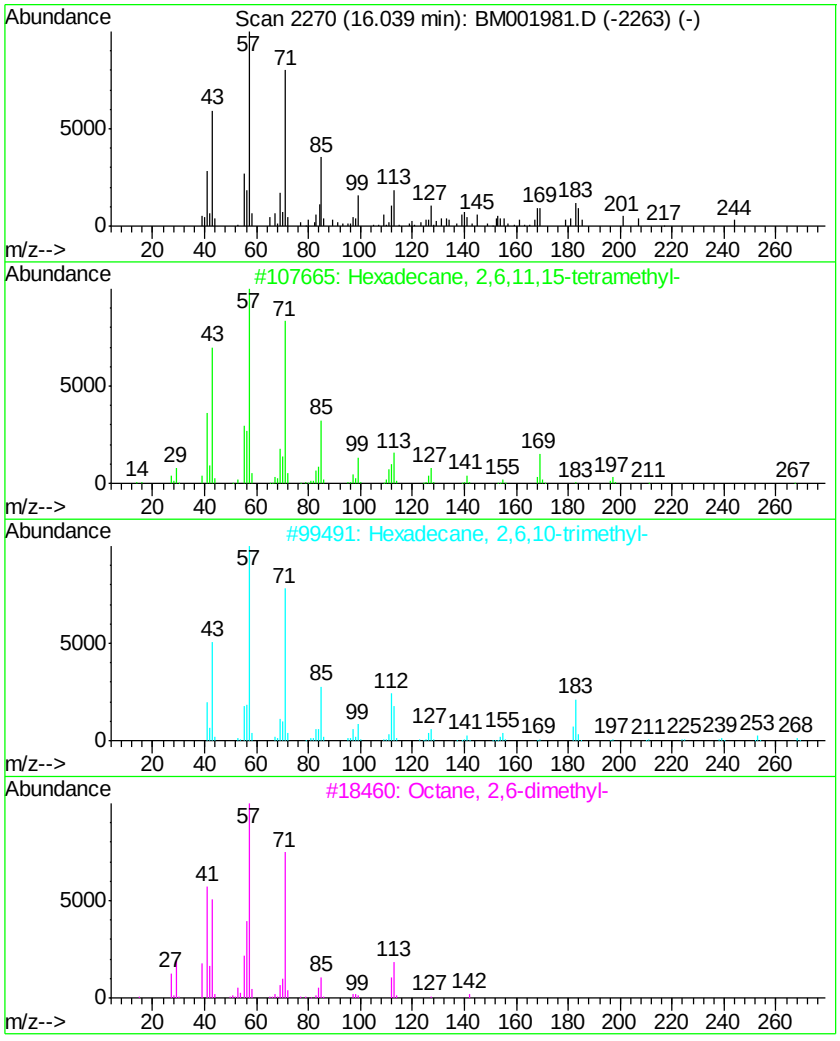
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

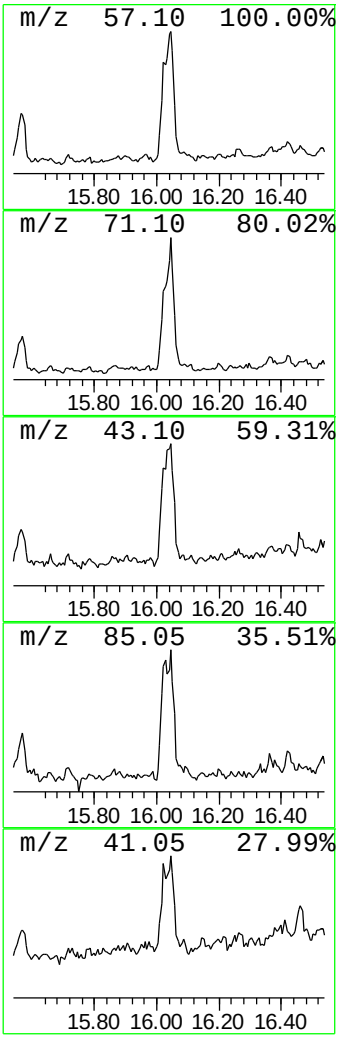
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.49 ng/ul	166270	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
5	Tridecane	184	C13H28	000629-50-5	52





Library Search Compound Report

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Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

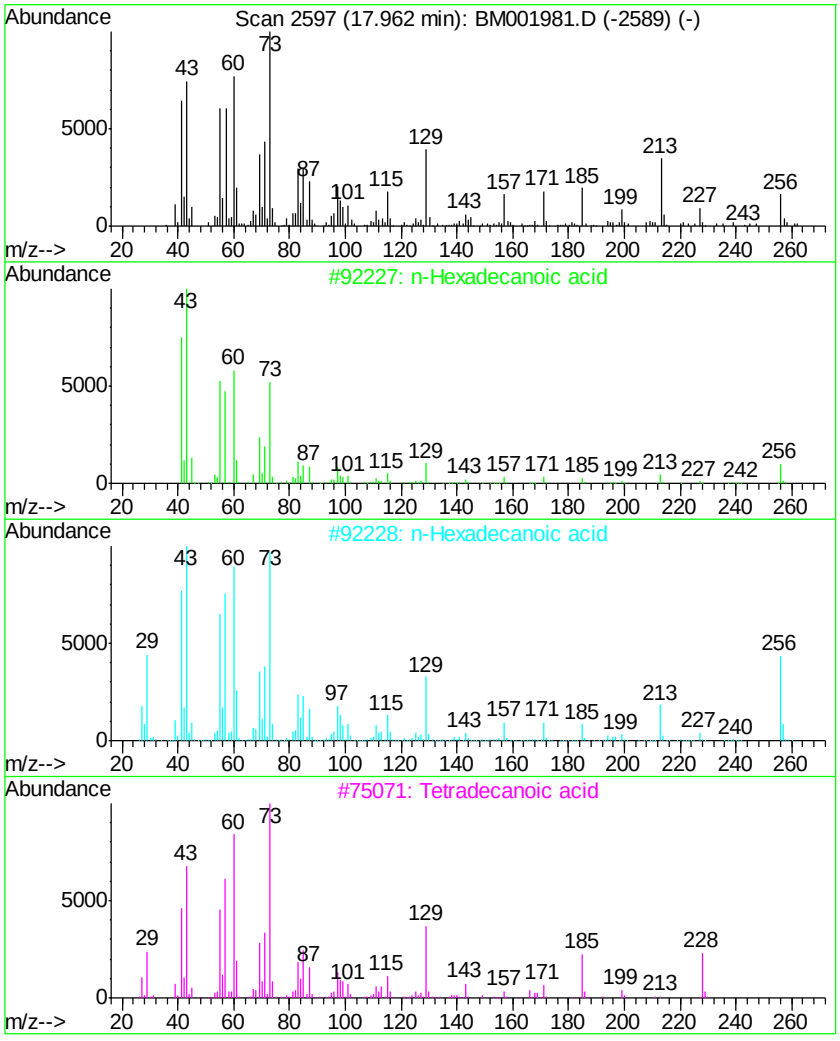
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

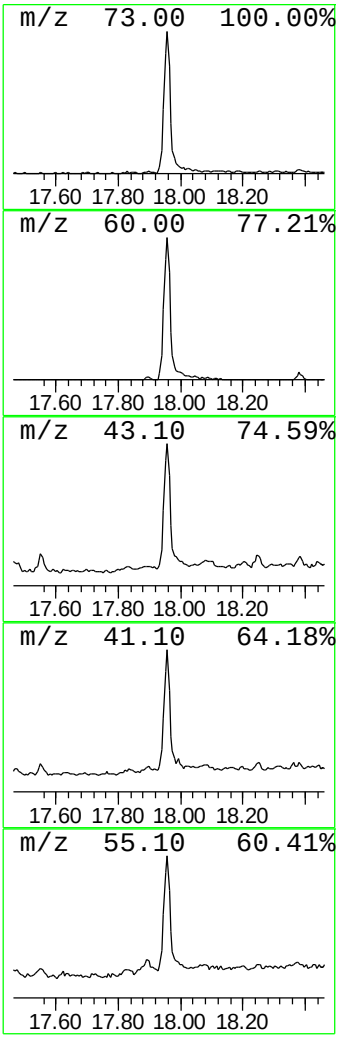
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	10.33 ng/ul	688541	Phenanthrene-d10	17.06

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	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

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Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

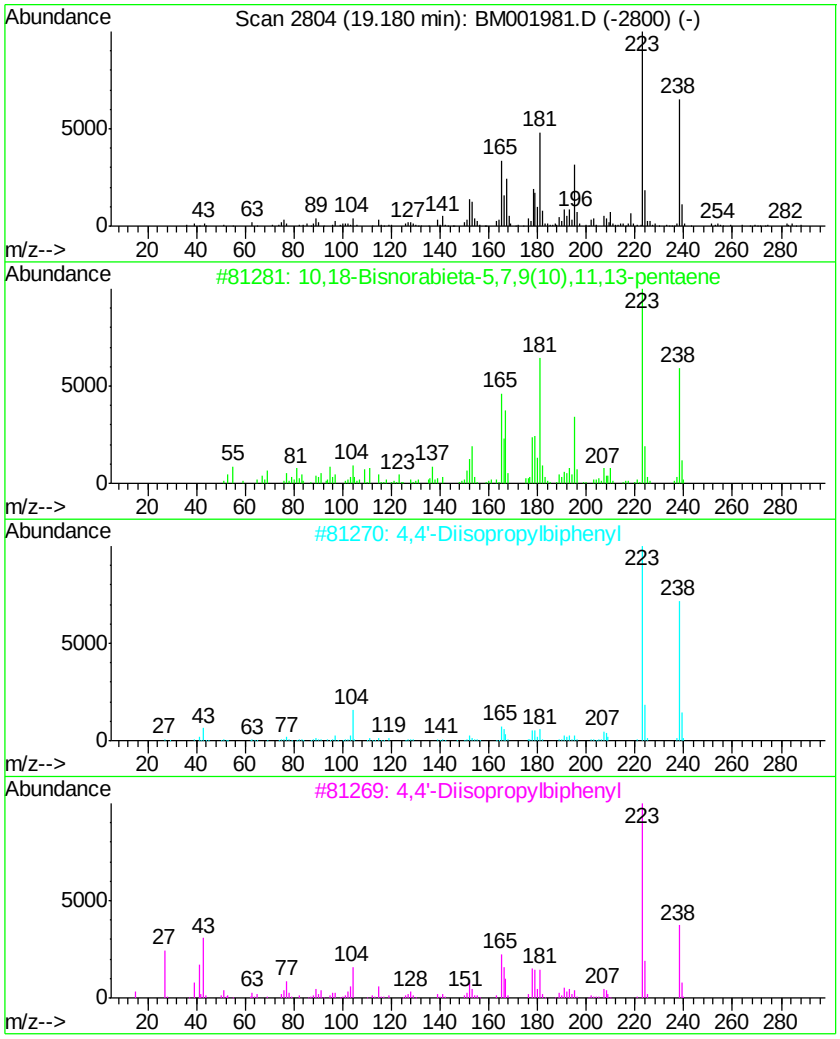
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

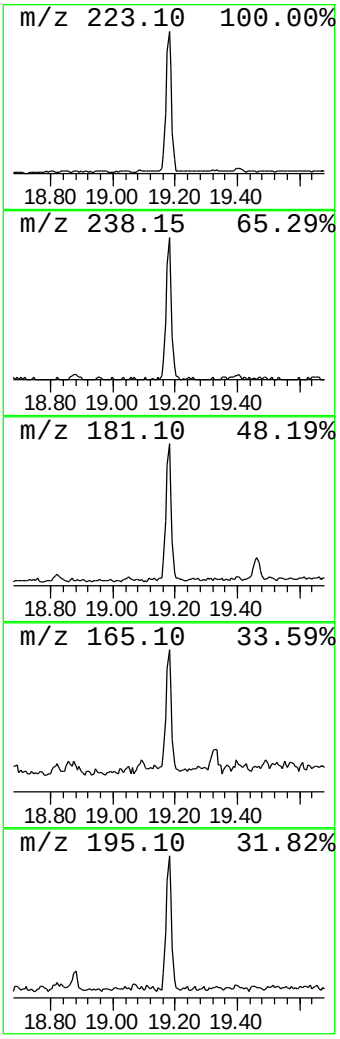
****

Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	3.45 ng/ul	286993	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	55
5	Benzene, 1,1'-(1,2-ethynediyl)bi...	238	C16H14O2	002132-62-9	47





Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
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Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

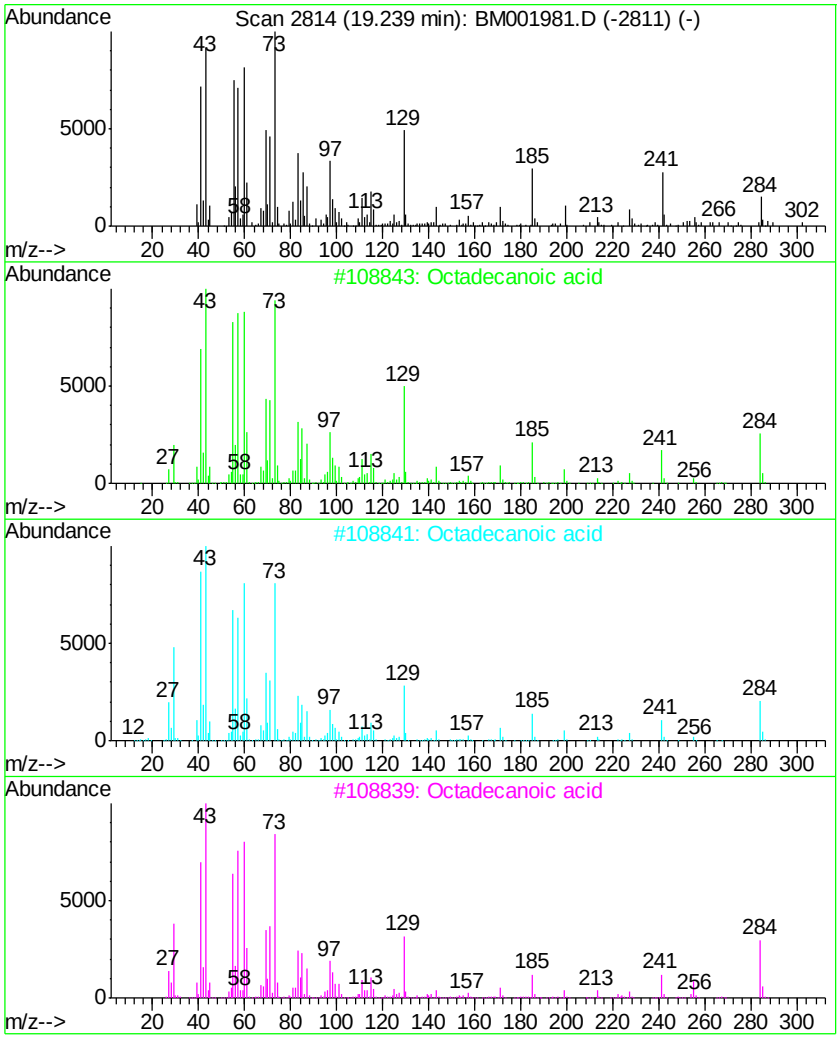
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

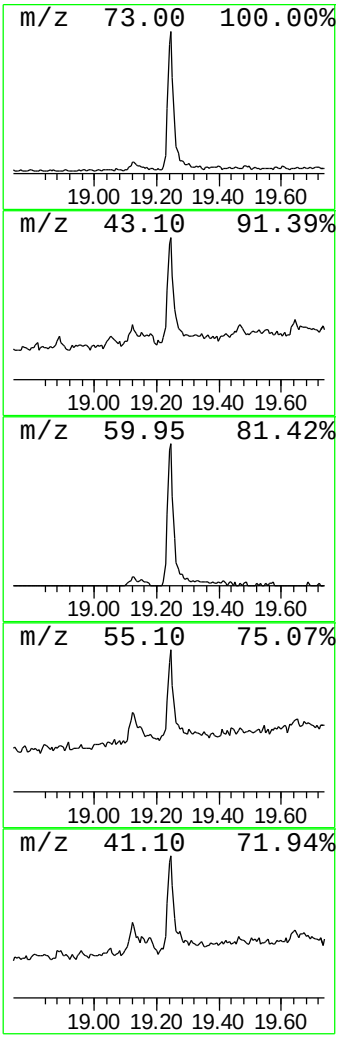
****

Peak Number 12 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	5.03 ng/ul	417970	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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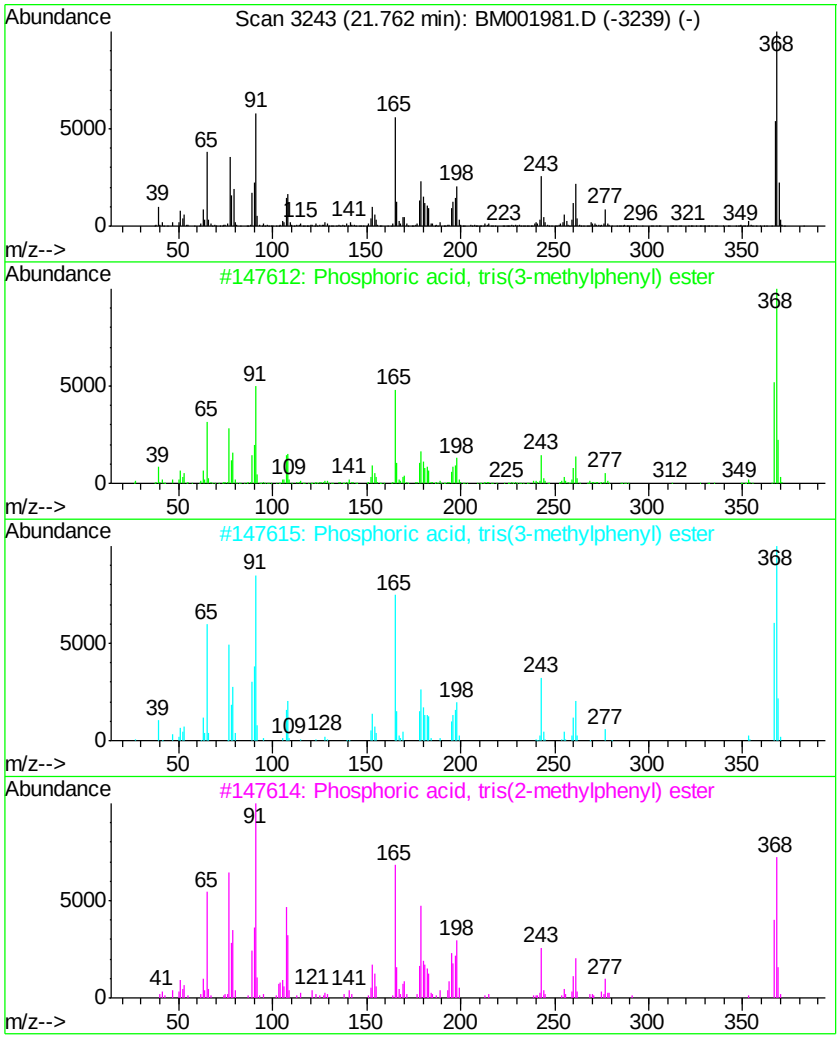
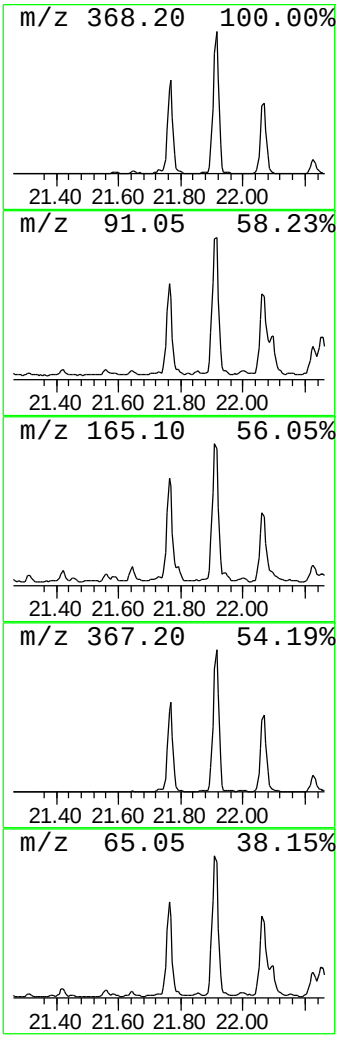
Peak Number 13 Phosphoric acid, tris(3-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	25.95 ng/ul	2156690	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	94
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	89
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	35





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Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

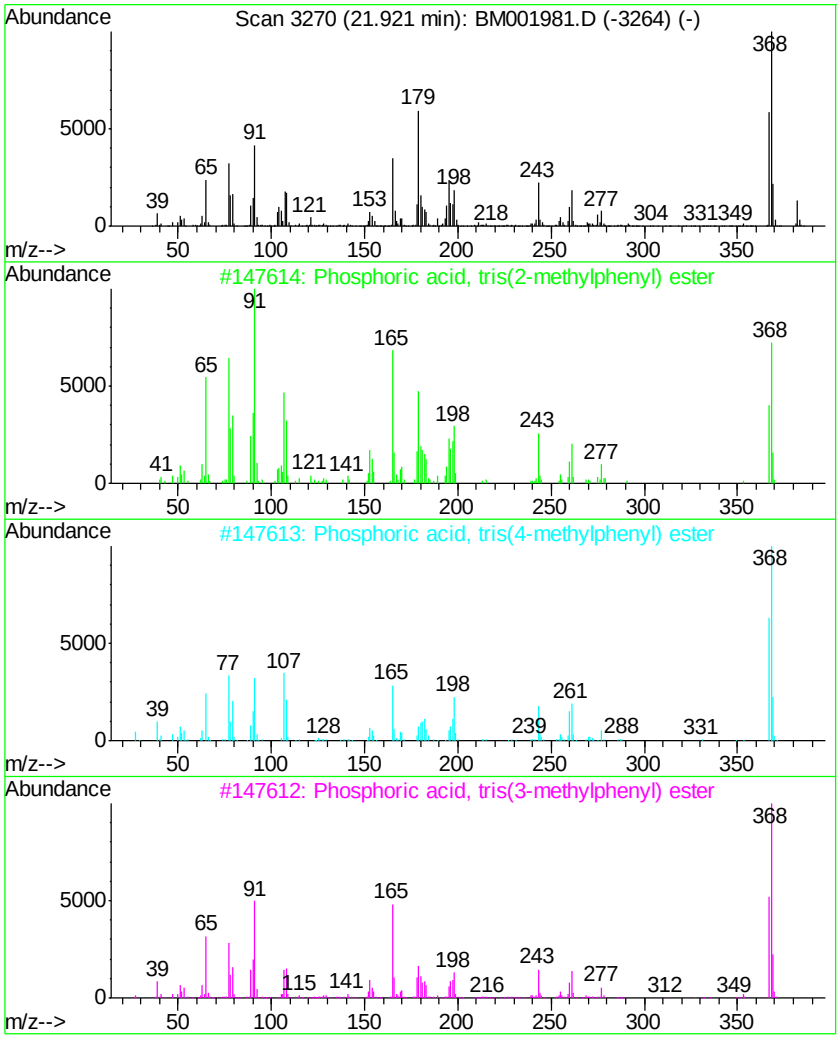
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

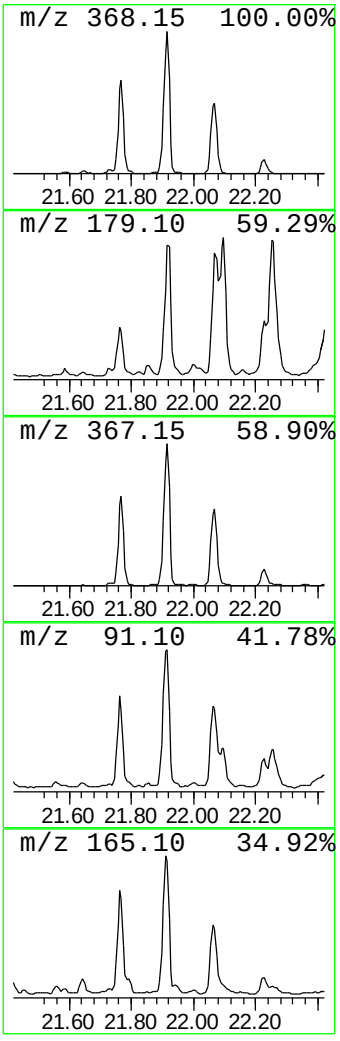
****

Peak Number 14 Phosphoric acid, tris(2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	44.93 ng/ul	3734570	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	99
2	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	98
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
4	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	76





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Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

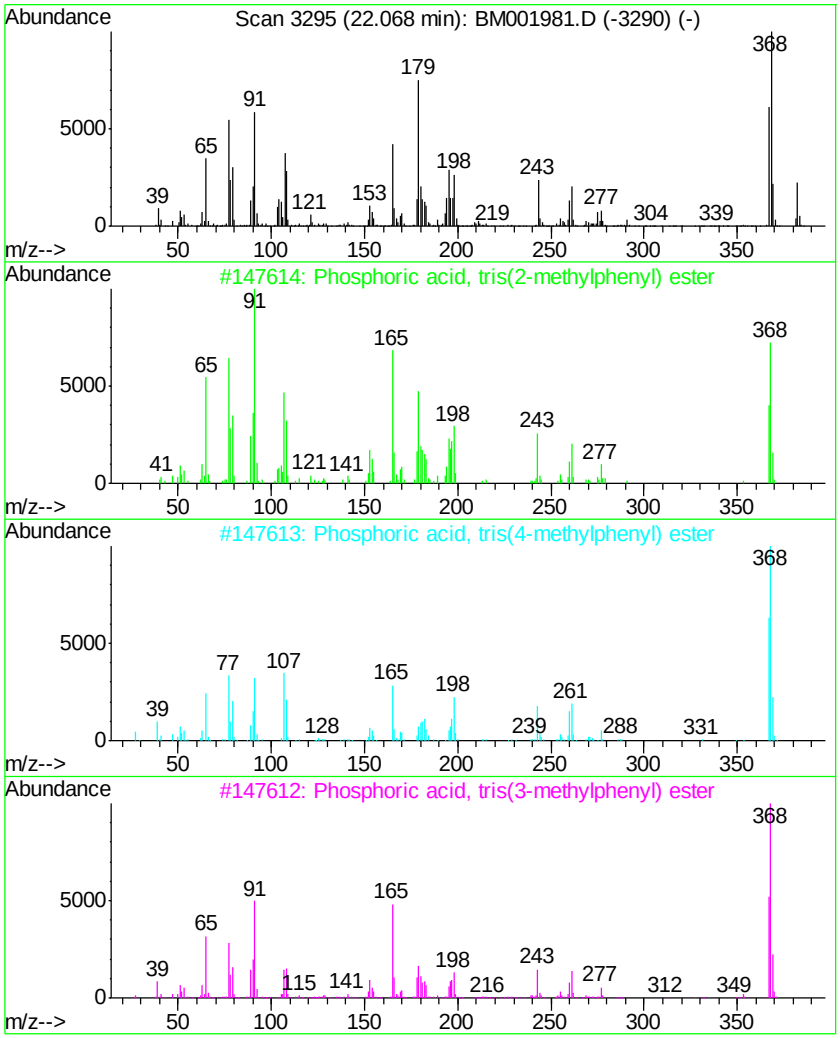
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

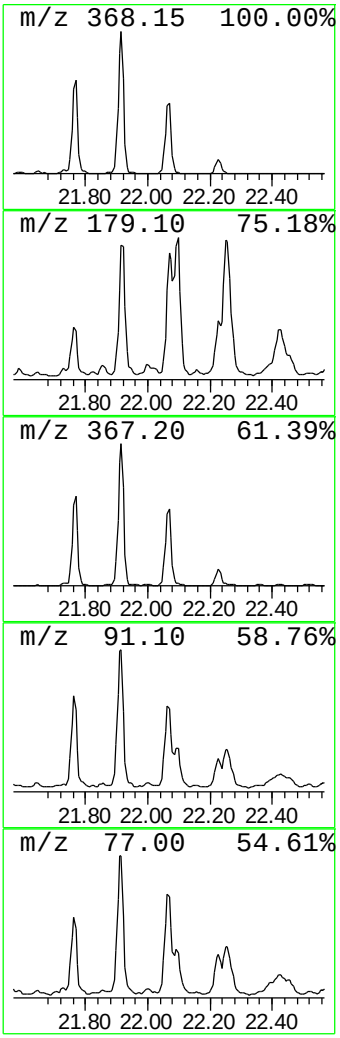
****

Peak Number 15 Phosphoric acid, tris(4-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	33.04 ng/ul	2746200	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	99
2	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	99
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
4	[7aS-(7a.alpha.,8a.alpha.,9E,12....	368	C21H24N2O4	030809-15-5	90
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	86





Library Search Compound Report

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Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

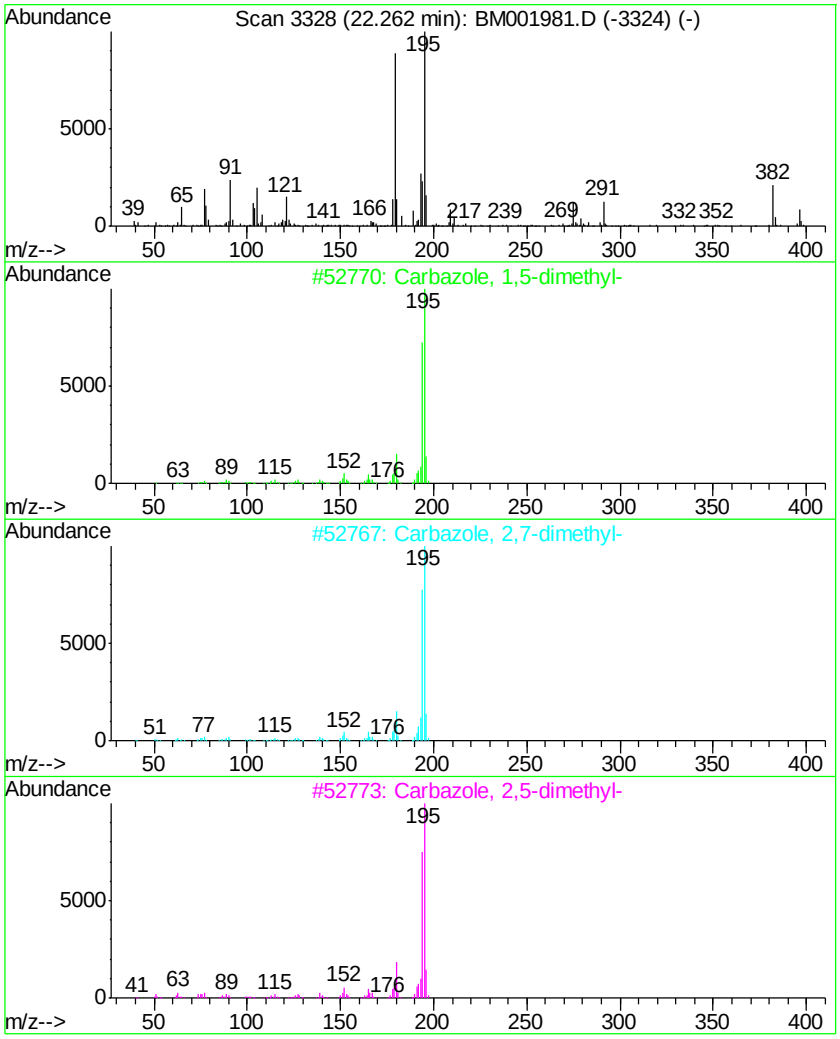
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

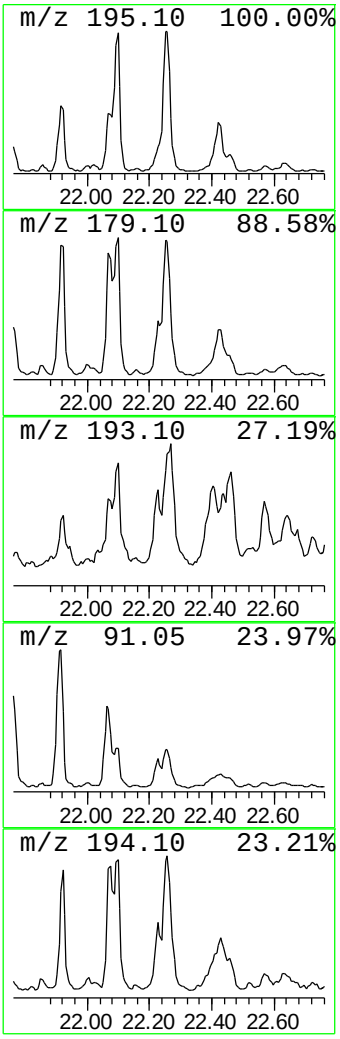
****

Peak Number 17 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	22.78 ng/ul	1893260	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 1,5-dimethyl-	195	C14H13N	051640-60-9	38
2	Carbazole, 2,7-dimethyl-	195	C14H13N	018992-65-9	38
3	Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	38
4	Carbazole, 3,6-dimethyl-	195	C14H13N	005599-50-8	38
5	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	38





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Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

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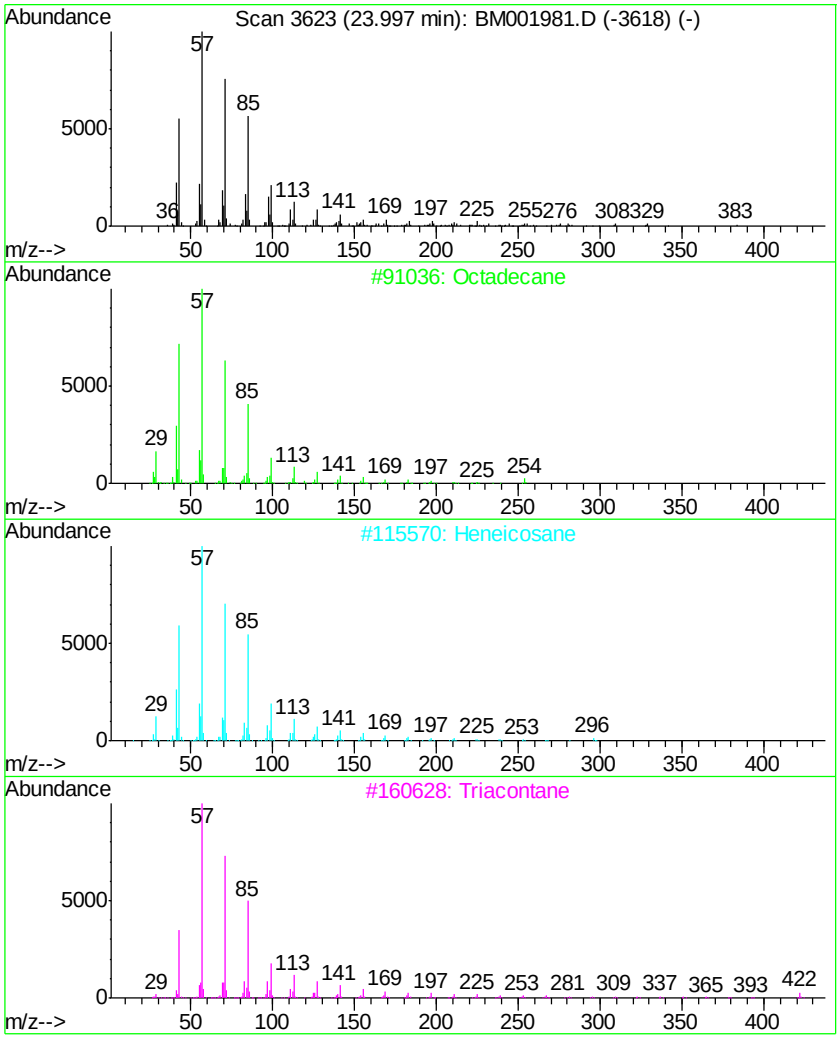
Quant Title : SVOA CALIBRATION

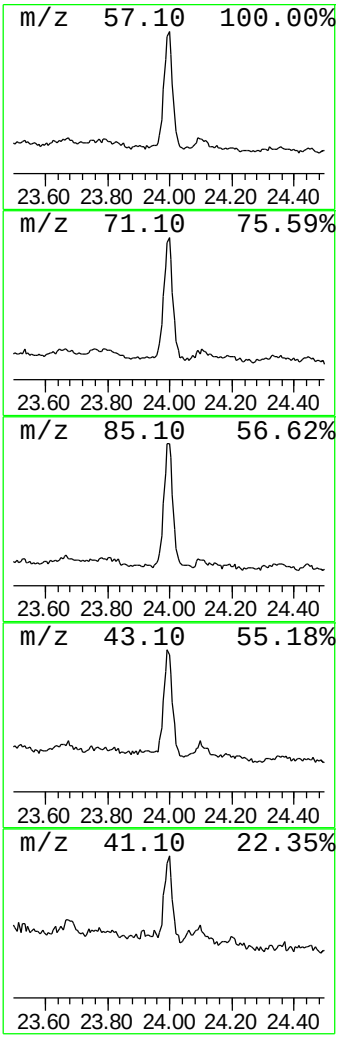
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	6.33 ng/ul	432615	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





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Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

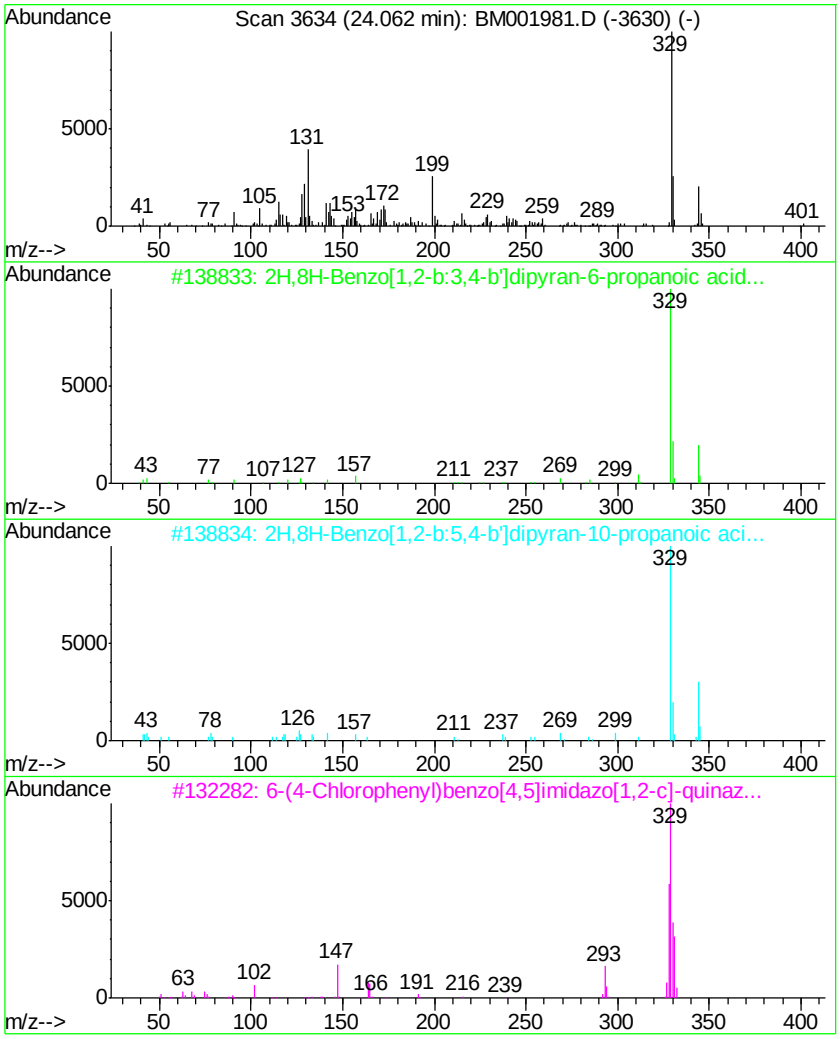
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

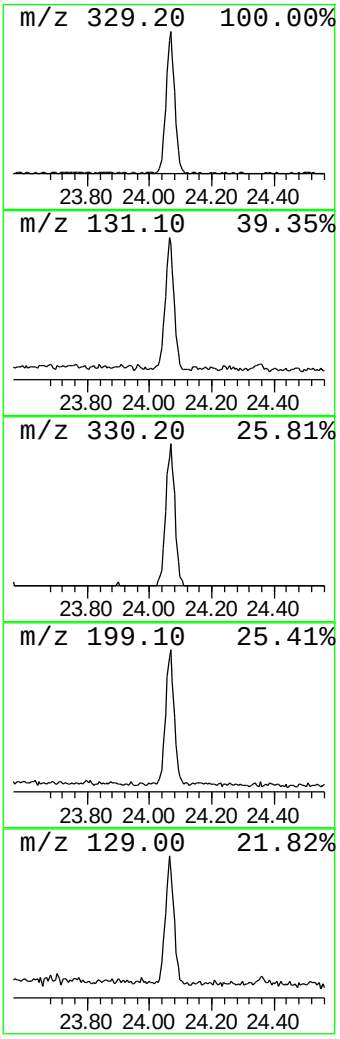
****

Peak Number 19 2H,8H-Benzo[1,2-b:3,4-b']di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	7.78 ng/ul	531572	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	344	C20H24O5	026535-36-4	55
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	344	C20H24O5	026535-35-3	38
3	6-(4-Chlorophenyl)benzo[4,5]imid...	329	C20H12ClN3	105997-06-6	35
4	Cobaltocene,decamethyl-	329	C20H30Co	074507-62-3	35
5	15-Methoxydehydroabietic acid, m...	344	C22H32O3	025236-86-6	25





Library Search Compound Report

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Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

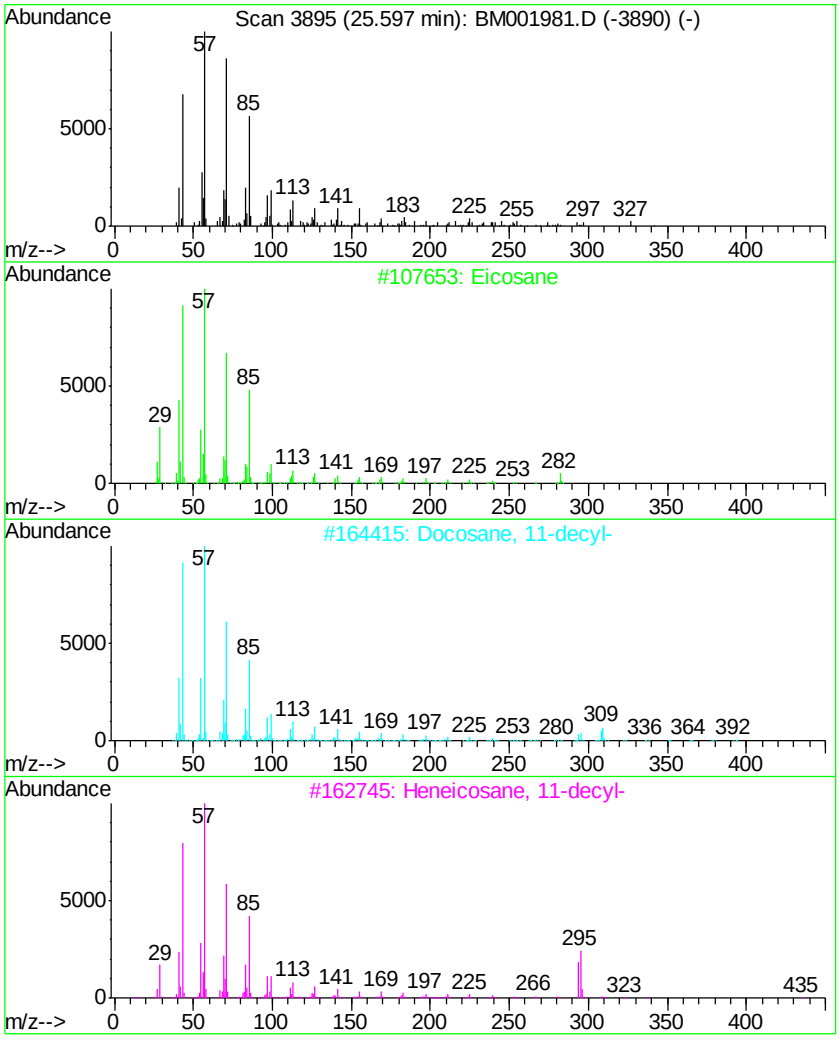
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

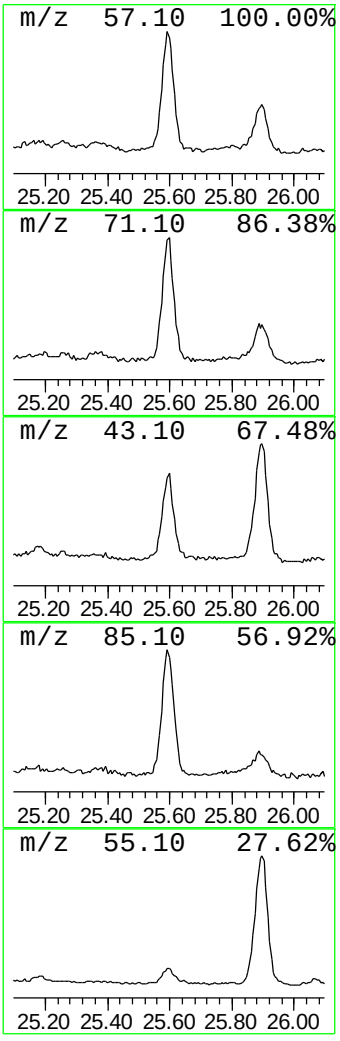
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	6.07 ng/ul	414606	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

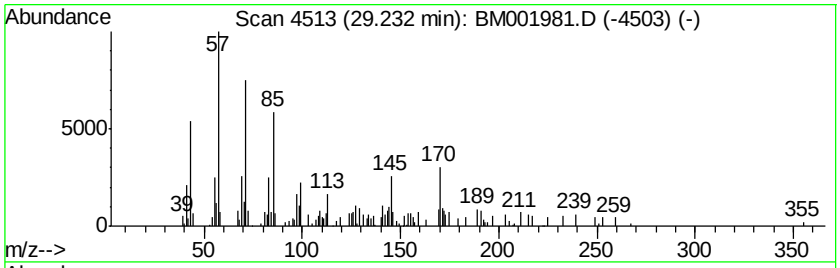
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

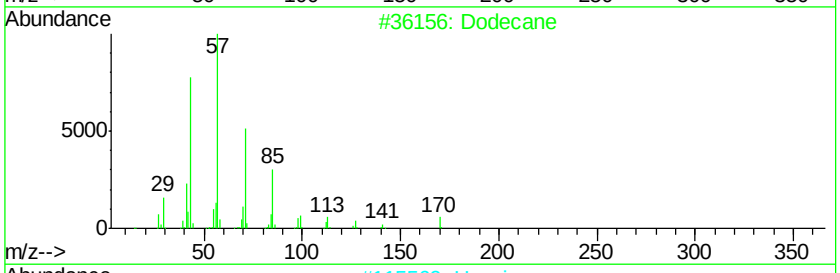
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

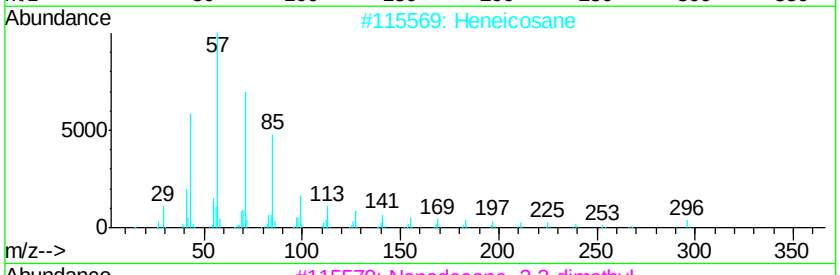
****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 17

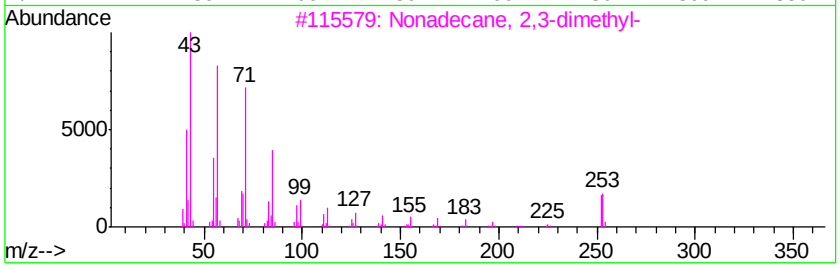
R.T.	EstConc	Area	Relative to ISTD	R.T.
29.23	4.79 ng/ul	327049	Perylene-d12	23.49

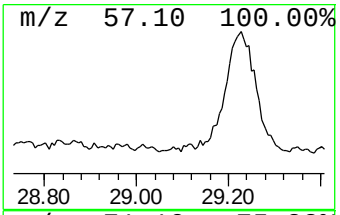
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Heneicosane	296	C21H44	000629-94-7	58
3	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Tetratriacontane	479	C34H70	014167-59-0	53

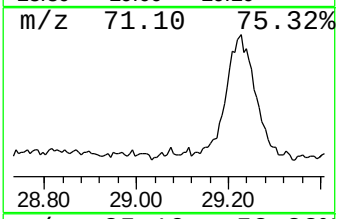


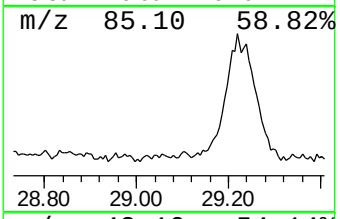


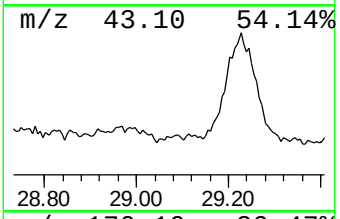


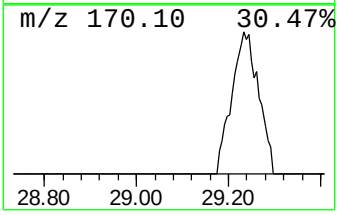












Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	15.1	ng/ul	407365	1	7.65	539025	20.0
Methyl Isobutyl K...	3.47	24.8	ng/ul	669081	1	7.65	539025	20.0
Benzene, 1-ethyl-...	6.74	2.7	ng/ul	73702	1	7.65	539025	20.0
Benzene, 1,3,5-tr...	6.87	6.1	ng/ul	163597	1	7.65	539025	20.0
Benzene, 1,2,4-tr...	7.76	7.0	ng/ul	188598	1	7.65	539025	20.0
(DEL) Alkane: Str...	16.04	2.5	ng/ul	166270	4	17.06	1333020	20.0
n-Hexadecanoic acid	17.96	10.3	ng/ul	688541	4	17.06	1333020	20.0
10,18-Bisnorabiet...	19.18	3.5	ng/ul	286993	5	21.26	1662410	20.0
Octadecanoic acid	19.24	5.0	ng/ul	417970	5	21.26	1662410	20.0
Phosphoric acid, ...	21.76	25.9	ng/ul	2156690	5	21.26	1662410	20.0
Phosphoric acid, ...	21.92	44.9	ng/ul	3734570	5	21.26	1662410	20.0
Phosphoric acid, ...	22.07	33.0	ng/ul	2746200	5	21.26	1662410	20.0
unknown-01	22.26	22.8	ng/ul	1893260	5	21.26	1662410	20.0
(DEL) Alkane: Str...	24.00	6.3	ng/ul	432615	6	23.49	1366810	20.0
2H,8H-Benzo[1,2-b...	24.06	7.8	ng/ul	531572	6	23.49	1366810	20.0
(DEL) Alkane: Str...	25.60	6.1	ng/ul	414606	6	23.49	1366810	20.0
(DEL) Alkane: Str...	29.23	4.8	ng/ul	327049	6	23.49	1366810	20.0