LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

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_M\METHODS\SOM-EPA-BM060619MA.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	3.046	5	10	36	rVB	10414836	14761906	100.00%	18.637%
2	3.305	52	54	60	rVB	47466	56544	0.38%	0.071%
3	3.822	139	142	145	rVB	25569	23703	0.16%	0.030%
4	3.934	156	161	170	rVB	88907	137667	0.93%	0.174%
5	4.028	172	177	187	rVB	405152	584814	3.96%	0.738%
6	4.928	326	330	339	rVB	99563	149032	1.01%	0.188%
7	6.969	671	677	689	rVB	841150	1382640	9.37%	1.746%
8	7.146	699	707	718	rBV	648344	1025428	6.95%	1.295%
9	7.340	733	740	749	rBV	897283	1411649	9.56%	1.782%
10	7.804	812	819	827	rBV	917221	1487585	10.08%	1.878%
11	8.504	931	938	949	rBV	1015745	1618171	10.96%	2.043%
12	8.634	954	960	964	rVB2	15156	24205	0.16%	0.031%
13	8.969	1009	1017	1025	rBV	816848	1333573	9.03%	1.684%
14	9.351	1075	1082	1086	rBV5	12292	20182	0.14%	0.025%
15	9.687	1130	1139	1153	rBV	632339	1075991	7.29%	1.358%
16	9.834	1157	1164	1168	rBV5	13796	30199	0.20%	0.038%
17	10.216	1221	1229	1237	rBV	1057111	1736649	11.76%	2.193%
18	10.598	1286	1294	1302	rBV	1230355	2065013	13.99%	2.607%
19	10.739	1311	1318	1331	rBV	494183	908675	6.16%	1.147%
20	11.386	1417	1428	1431	rBV8	8085	20212	0.14%	0.026%
21	11.504	1441	1448	1455	rBV3	18516	38417	0.26%	0.049%
22	12.186	1558	1564	1569	rBV2	14300	25096	0.17%	0.032%
23	12.245	1569	1574	1583	rVB9	9781	23139	0.16%	0.029%
24	12.475	1606	1613	1618	rVB5	24517	36425	0.25%	0.046%
25	12.775	1659	1664	1673	rVB5	12332	35289	0.24%	0.045%
26	13.233	1736	1742	1748	rBV6	8441	17523	0.12%	0.022%
27	13.369	1760	1765	1770	rBV4	14315	18920	0.13%	0.024%
28	13.533	1788	1793	1800	rBV2	19229	36615	0.25%	0.046%
29	13.857	1842	1848	1852	rVV	1728731	2396277	16.23%	3.025%
30	13.904	1852	1856	1863	rVB	315451	442201	3.00%	0.558%
31	14.139	1889	1896	1909	rVB	1940589	2873192	19.46%	3.627%
32	14.445	1940	1948	1955	rBV2	1732466	2603878	17.64%	3.287%
33	14.510	1955	1959	1967	rVB	52852	84288	0.57%	0.106%
34	14.645	1975	1982	1993	rBV	539659	837490	5.67%	1.057%

LSC Area Percent Report

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Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

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_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

35	14.810	2006	2010	2013	rBV4	20044	31279	0.21%	0.039%
36	14.851	2013	2017	2027	rVB5	30478	63133	0.43%	0.080%
37	15.239	2078	2083	2086	rBV	22687	31281	0.21%	0.039%
38	15.286	2086	2091	2094	rVB5	8979	15754	0.11%	0.020%
39	15.439	2110	2117	2123	rBV	2497184	3468452	23.50%	4.379%
40	15.492	2123	2126	2132	rVB2	48779	66292	0.45%	0.084%
41	15.563	2132	2138	2147	rBV	411102	605568	4.10%	0.765%
42	15.674	2151	2157	2164	rVB4	28039	51415	0.35%	0.065%
43	15.780	2171	2175	2179	rBV3	10938	20290	0.14%	0.026%
44	15.992	2206	2211	2217	rVV6	24704	39988	0.27%	0.050%
45	16.069	2219	2224	2228	rBV3	25492	37251	0.25%	0.047%
46	16.151	2234	2238	2240	rBV2	22648	31616	0.21%	0.040%
47	16.180	2240	2243	2248	rVV5	33790	50993	0.35%	0.064%
48	16.327	2264	2268	2272	rBV4	14096	19488	0.13%	0.025%
49	16.845	2352	2356	2360	rBV2	13468	20329	0.14%	0.026%
50	17.010	2380	2384	2391	rVB	29742	42624	0.29%	0.054%
51	17.074	2392	2395	2404	rVV8	10641	21945	0.15%	0.028%
52	17.192	2409	2415	2419	rVV2	1938266	2851805	19.32%	3.600%
53	17.233	2419	2422	2426	rVV	499624	671251	4.55%	0.847%
54	17.286	2426	2431	2444	rVV	2311099	3388684	22.96%	4.278%
55	17.386	2444	2448	2453	rVB3	25158	35398	0.24%	0.045%
56	17.592	2477	2483	2492	rVB2	55583	106073	0.72%	0.134%
57	17.851	2524	2527	2533	rVB8	11017	17945	0.12%	0.023%
58	17.957	2541	2545	2549	rBV5	15388	23663	0.16%	0.030%
59	18.074	2559	2565	2569	rBV3	268435	404132	2.74%	0.510%
60	18.115	2569	2572	2576	rVV	73584	105888	0.72%	0.134%
61	18.157	2576	2579	2582	rVB	24403	29242	0.20%	0.037%
62	18.192	2582	2585	2591	rVB4	23340	35506	0.24%	0.045%
63	18.262	2591	2597	2601	rBV2	75438	134214	0.91%	0.169%
64	18.368	2612	2615	2619	rBV4	16002	23422	0.16%	0.030%
65	18.415	2619	2623	2630	rVV5	31970	55668	0.38%	0.070%
66	18.562	2645	2648	2652	rBV	38535	49169	0.33%	0.062%
67	18.610	2652	2656	2661	rVB2	46522	61715	0.42%	0.078%
68	19.004	2721	2723	2727	rVB4	27828	30270	0.21%	0.038%
69	19.121	2740	2743	2748	rBV3	27733	43347	0.29%	0.055%
70	19.245	2755	2764	2771	rBV	920538	1343800	9.10%	1.697%
71	19.357	2778	2783	2788	rBV4	90586	141388	0.96%	0.179%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

72	19.474	2800	2803	2804	rBV3	20624	22163	0.15%	0.028%
73	19.580	2815	2821	2825	rBV	2805642	4083099	27.66%	5.155%
74	19.686	2835	2839	2843	rVB4	31713	42652	0.29%	0.054%
75	19.792	2854	2857	2863	rVB	36698	47057	0.32%	0.059%
76	19.856	2865	2868	2872	rVB	30777	38889	0.26%	0.049%
77	19.933	2877	2881	2882	rBV3	39001	52397	0.35%	0.066%
78	20.115	2906	2912	2916	rVB2	128991	275296	1.86%	0.348%
79	20.204	2924	2927	2931	rBV3	71405	93222	0.63%	0.118%
80	20.615	2994	2997	3001	rBV2	106581	106572	0.72%	0.135%
81	20.927	3045	3050	3057	rBV	622415	782093	5.30%	0.987%
82	21.080	3071	3076	3084	rBV3	1108672	1512657	10.25%	1.910%
83	21.374	3119	3126	3129	rBV2	2411950	3665205	24.83%	4.627%
84	21.409	3129	3132	3138	rVB	421279	544375	3.69%	0.687%
85	21.515	3147	3150	3156	rVB2	257990	342111	2.32%	0.432%
86	21.956	3222	3225	3232	rBV2	509884	915650	6.20%	1.156%
87	22.427	3301	3305	3311	rVB	362601	507316	3.44%	0.640%
88	22.950	3388	3394	3398	rBV2	1672754	2970883	20.13%	3.751%
89	22.997	3399	3402	3413	rVB3	787129	1409867	9.55%	1.780%
90	23.509	3483	3489	3496	rBV2	1860935	3798380	25.73%	4.795%
91	23.656	3508	3514	3532	rVB	1665942	3375330	22.87%	4.261%
92	24.280	3616	3620	3633	rVB	540627	1130478	7.66%	1.427%

Sum of corrected areas: 79208558

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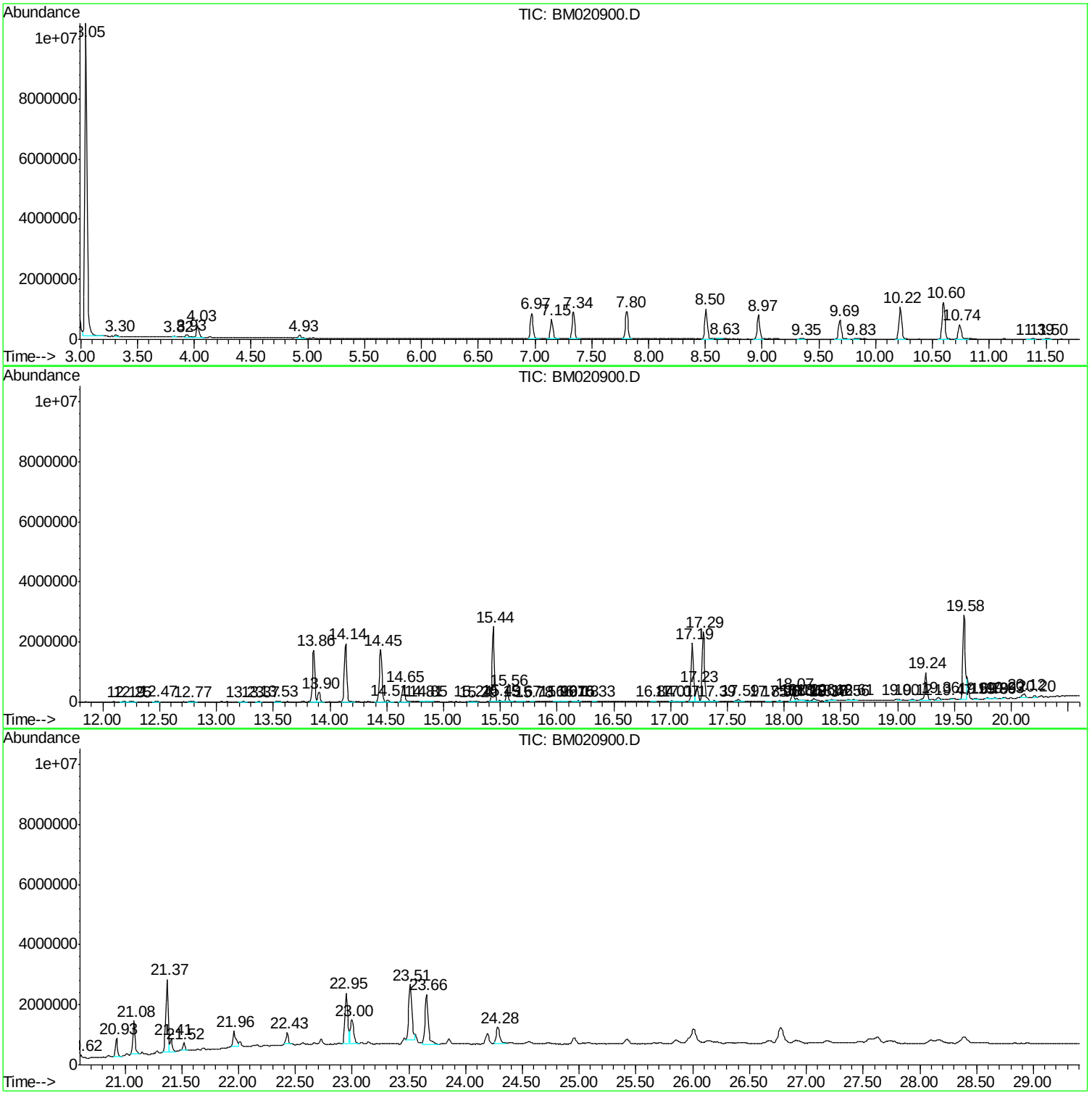
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

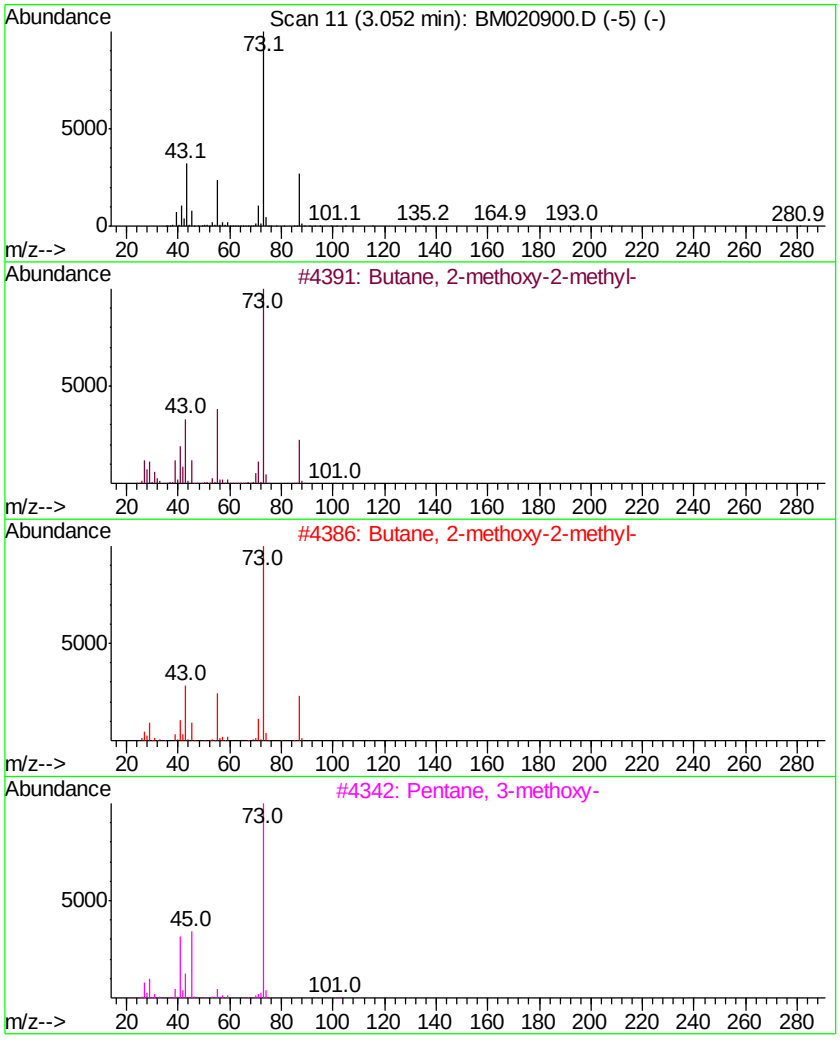
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

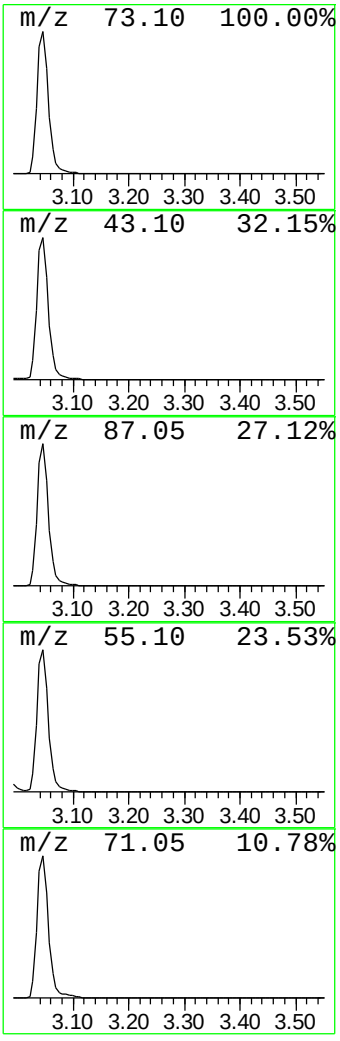
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	198.47 ng/ul	14761900	1,4-Dichlorobenzene-d4	7.81

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

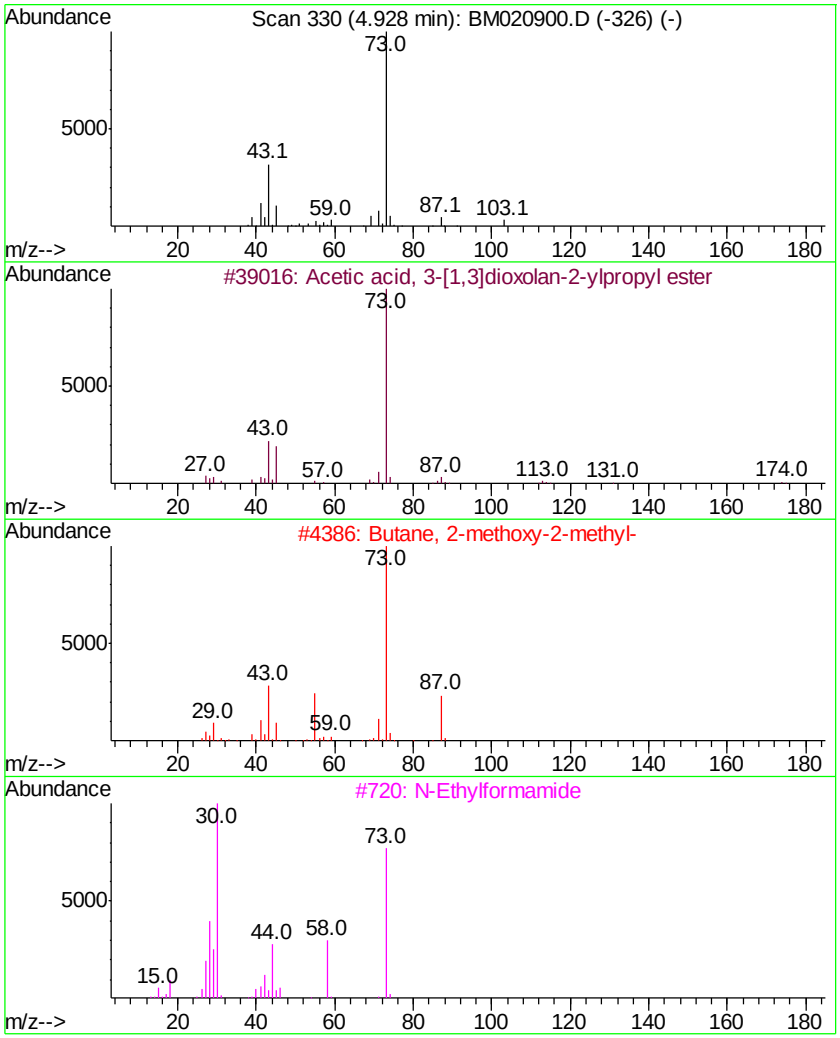
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

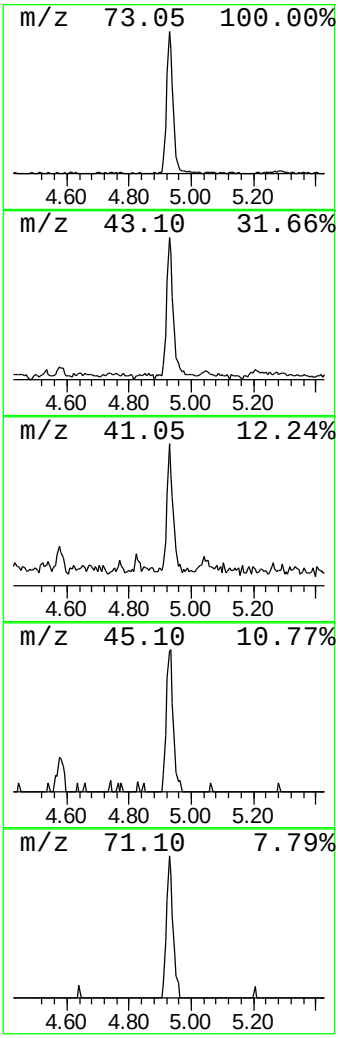
****

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.00 ng/ul	149032	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	40
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	9





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

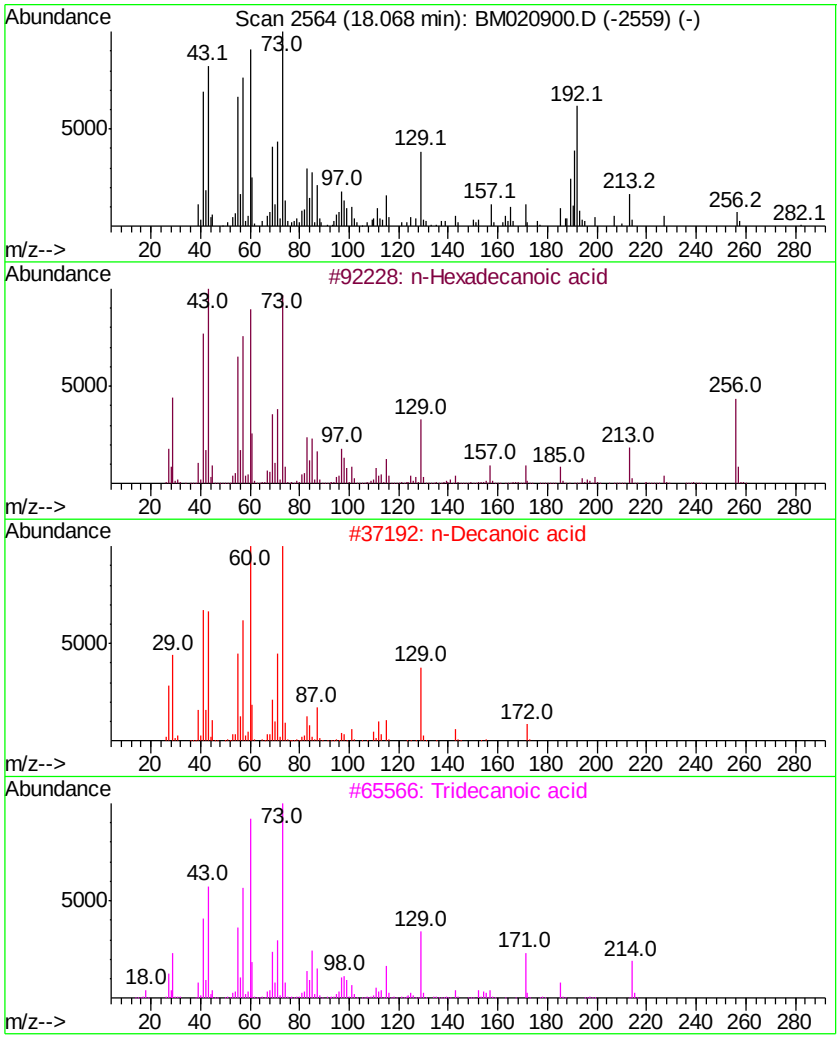
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

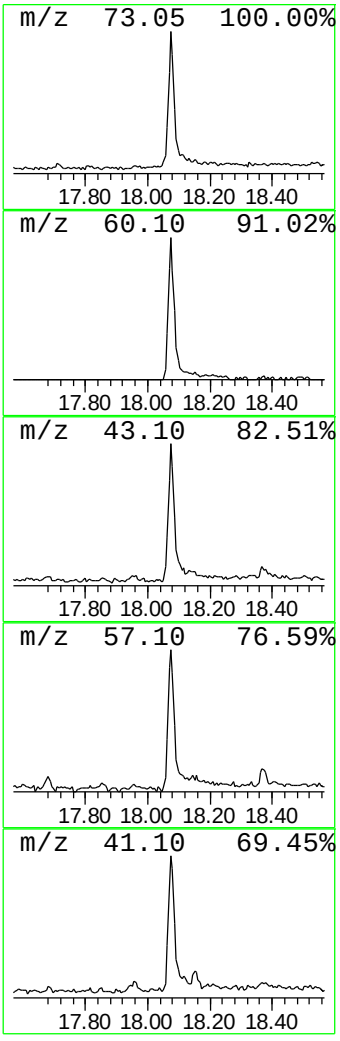
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.83 ng/ul	404132	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

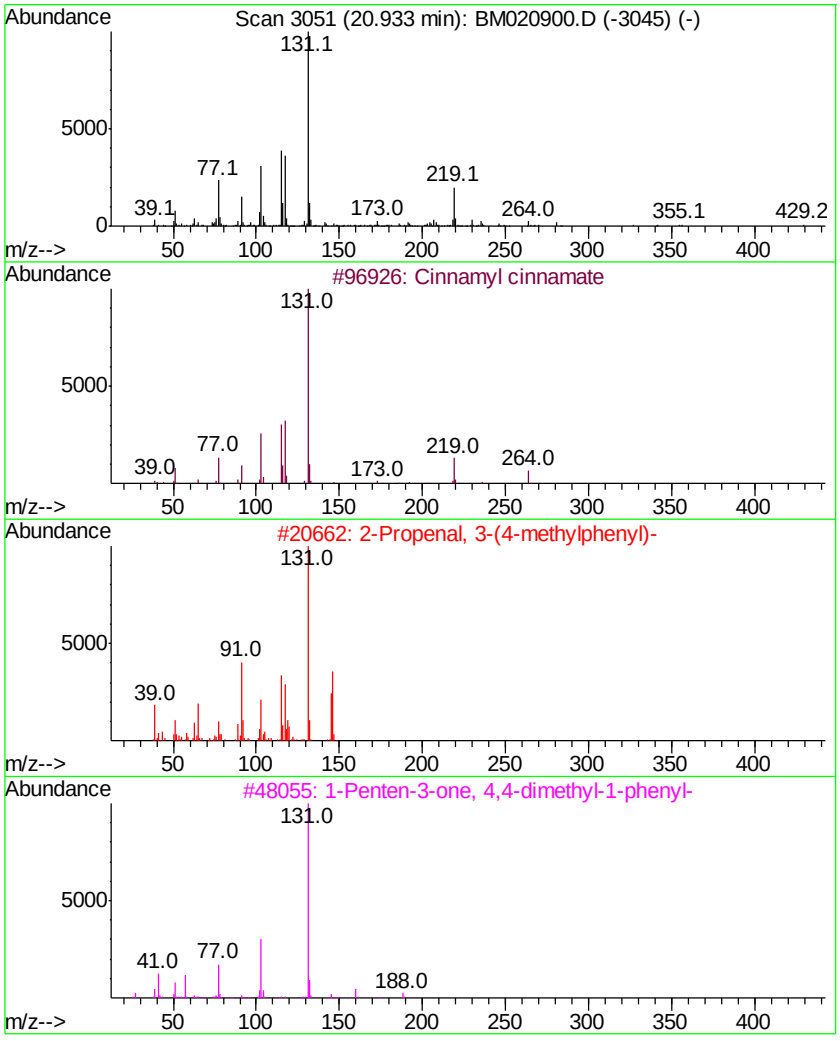
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

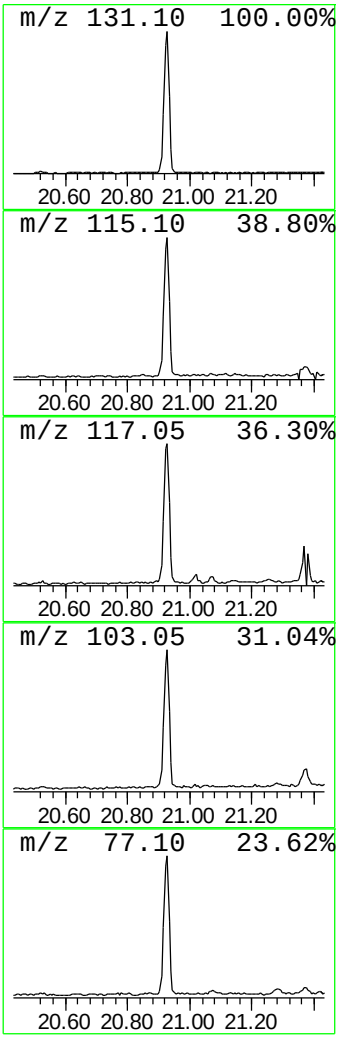
****

Peak Number 5 Cinnamyl cinnamate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.27 ng/ul	782093	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47
4	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

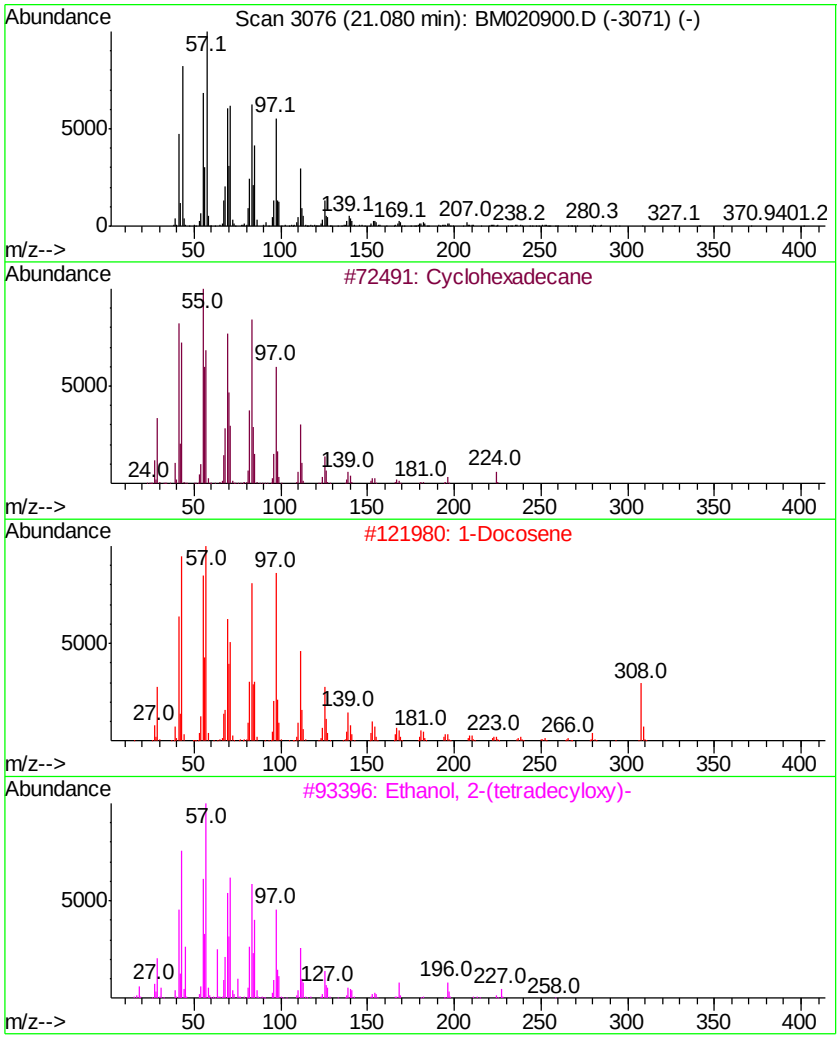
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

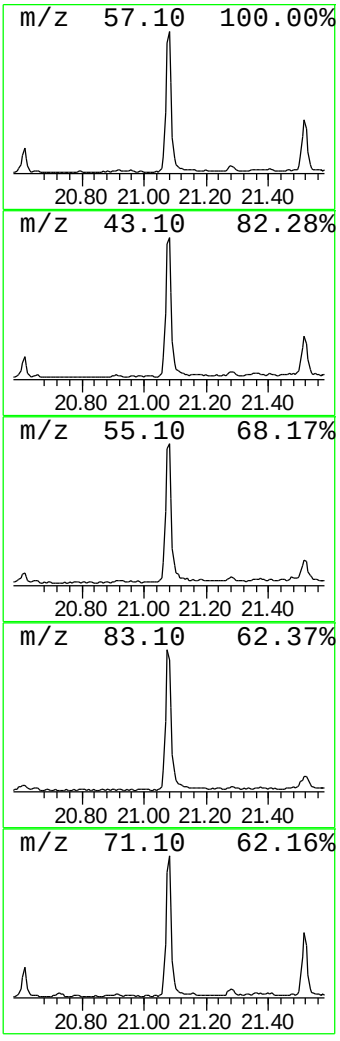
****

Peak Number 6 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	8.25 ng/ul	1512660	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Docosene	308	C22H44	001599-67-3	97
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

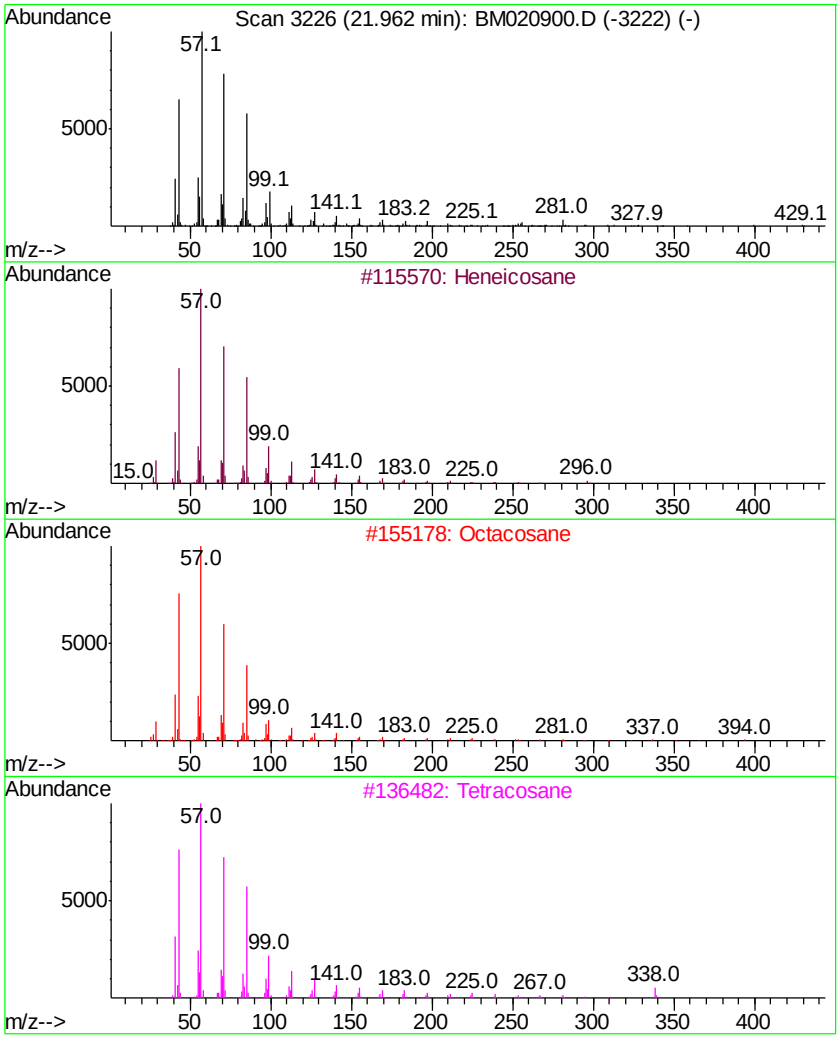
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

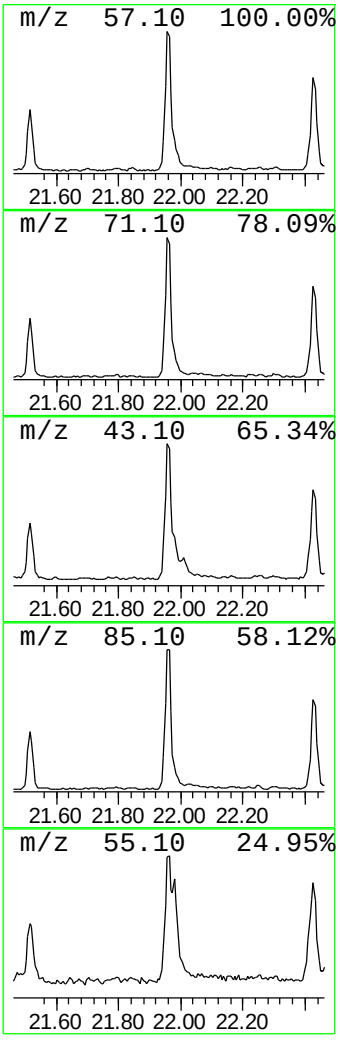
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	5.00 ng/ul	915650	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





Library Search Compound Report

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Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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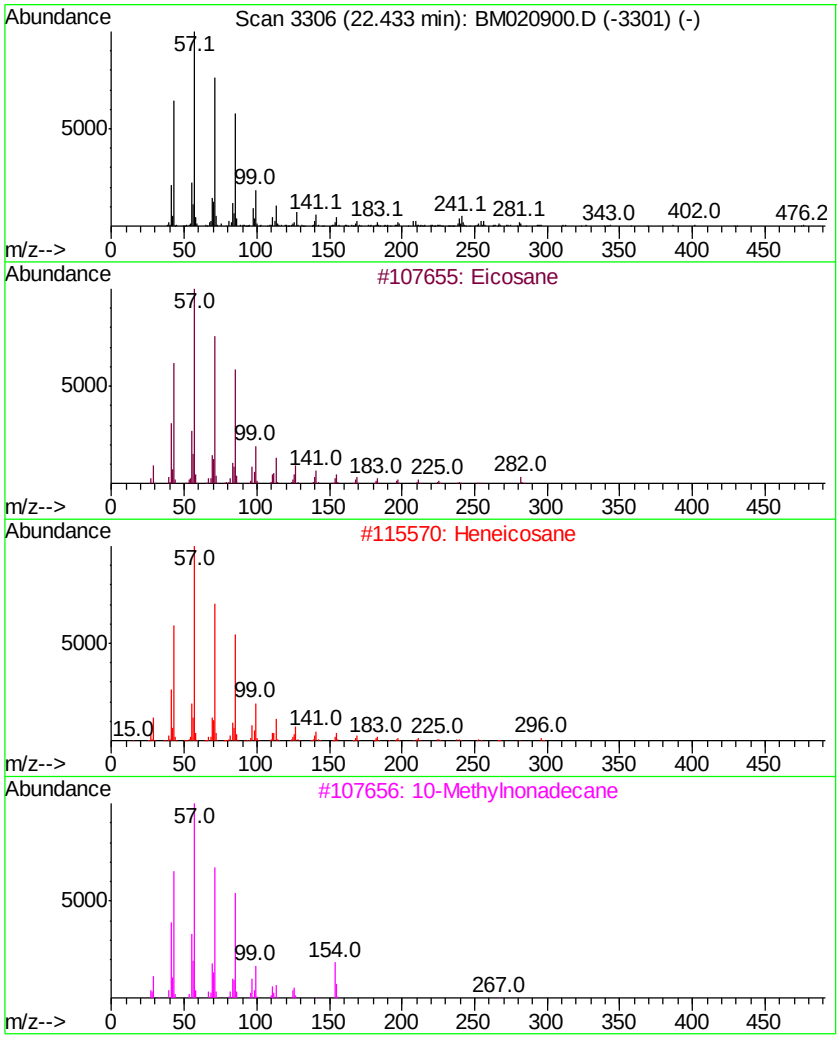
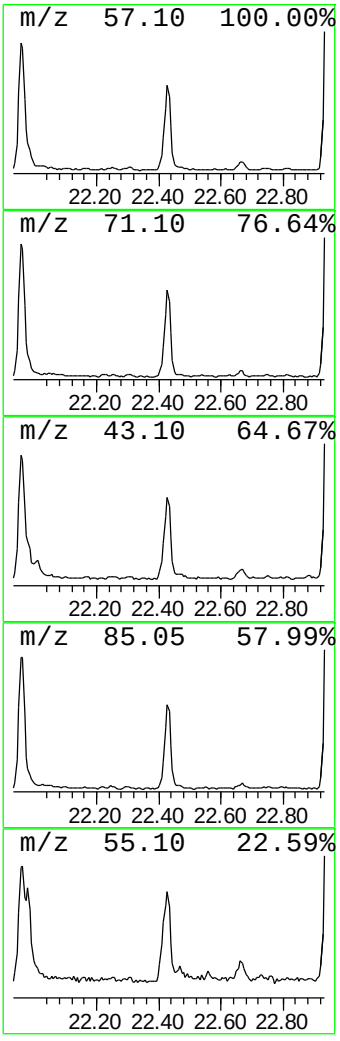
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.77 ng/ul	507316	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

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Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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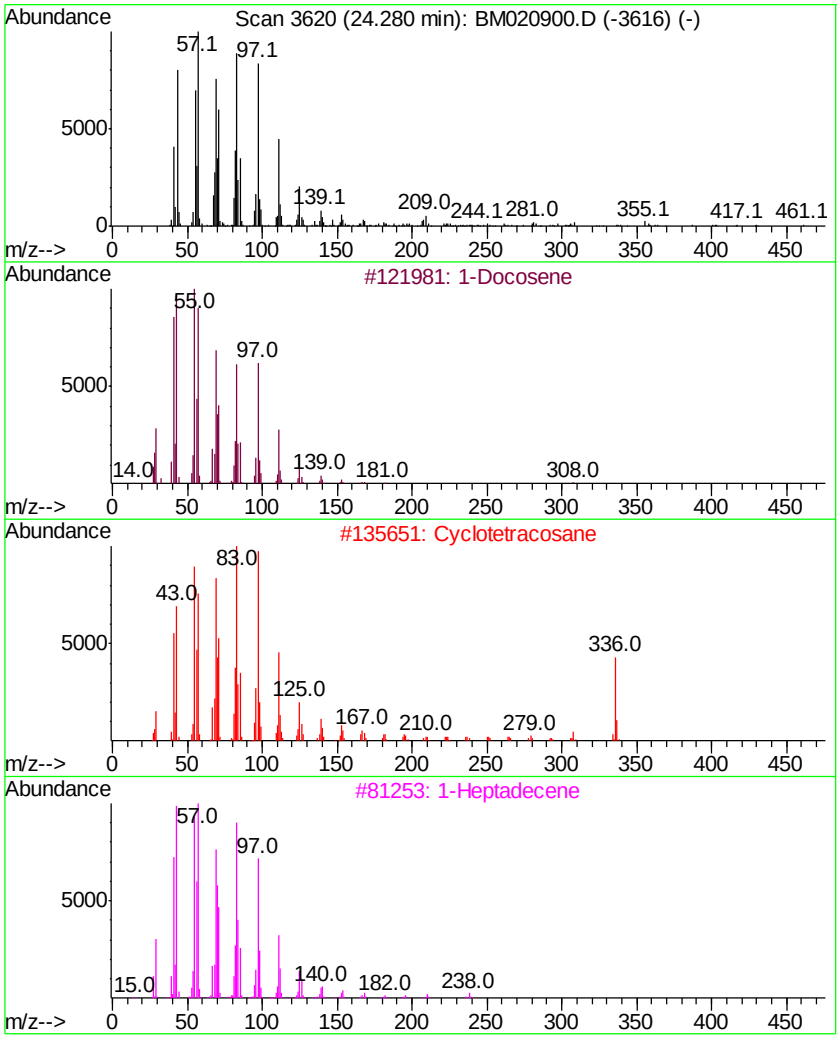
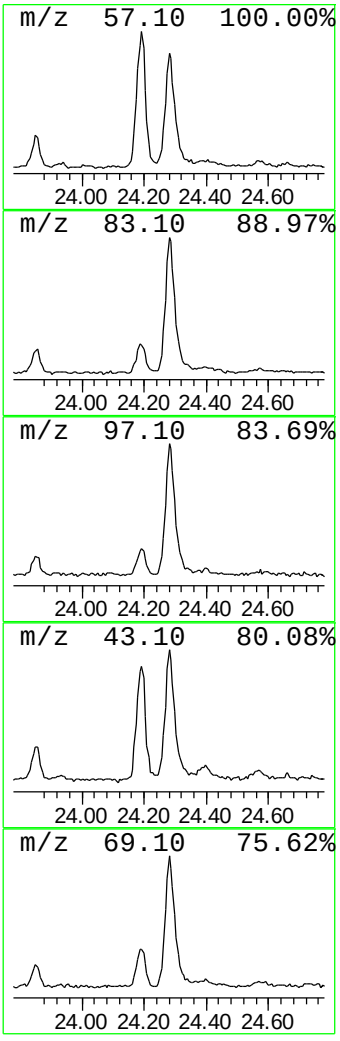
Peak Number 9 (DEL) Alkane: Cyclic24.28 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	6.70 ng/ul	1130480	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	89
2	Cyclotetracosane	336	C24H48	000297-03-0	87
3	1-Heptadecene	238	C17H34	006765-39-5	86
4	17-Pentatriacontene	491	C35H70	006971-40-0	81
5	17-Pentatriacontene	491	C35H70	006971-40-0	80





Tentatively Identified Compound (LSC) summary

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Data File : BM020900.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : K3083-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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...	3.05	198.5	ng/ul	14761900	1	7.81	1487590	20.0
unknown-01	4.93	2.0	ng/ul	149032	1	7.81	1487590	20.0
n-Hexadecanoic acid	18.07	2.8	ng/ul	404132	4	17.19	2851810	20.0
Cinnamyl cinnamate	20.93	4.3	ng/ul	782093	5	21.37	3665210	20.0
(DEL) Alkane: Cyc...	21.08	8.3	ng/ul	1512660	5	21.37	3665210	20.0
(DEL) Alkane: Str...	21.96	5.0	ng/ul	915650	5	21.37	3665210	20.0
(DEL) Alkane: Str...	22.43	2.8	ng/ul	507316	5	21.37	3665210	20.0
(DEL) Alkane: Cyc...	24.28	6.7	ng/ul	1130480	6	23.66	3375330	20.0