LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020985.D
Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

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-BM061419MA.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	3.034	4	8	20	rVB	874314	1178701	13.46%	1.485%
2	3.299	50	53	58	rVB	32556	38964	0.44%	0.049%
3	4.234	209	212	217	rVB2	21751	30379	0.35%	0.038%
4	4.916	325	328	332	rBV2	13474	19563	0.22%	0.025%
5	6.957	669	675	687	rBV	834596	1306743	14.92%	1.647%
6	7.134	695	705	717	rBV	602276	968890	11.07%	1.221%
7	7.322	730	737	745	rBV	827210	1309304	14.95%	1.650%
8	7.792	810	817	824	rBV	830973	1281812	14.64%	1.615%
9	8.004	848	853	857	rBV4	13500	18495	0.21%	0.023%
10	8.492	929	936	947	rVB	956019	1539752	17.58%	1.940%
11	8.616	952	957	963	rVB4	6561	11630	0.13%	0.015%
12	8.951	1007	1014	1027	rVB	794231	1326031	15.14%	1.671%
13	9.110	1038	1041	1045	rVB5	9028	10753	0.12%	0.014%
14	9.669	1129	1136	1144	rBV	693674	1141133	13.03%	1.438%
15	10.204	1219	1227	1244	rBV	1171370	1992325	22.75%	2.510%
16	10.581	1282	1291	1299	rBV	1209955	2044315	23.35%	2.576%
17	10.722	1308	1315	1332	rBV	964542	1710019	19.53%	2.155%
18	12.110	1542	1551	1557	rBV	55885	101588	1.16%	0.128%
19	12.169	1557	1561	1568	rVB	19534	31841	0.36%	0.040%
20	12.775	1660	1664	1672	rVB6	7508	12698	0.15%	0.016%
21	13.033	1704	1708	1713	rVB4	9797	14032	0.16%	0.018%
22	13.751	1828	1830	1835	rVB5	7497	9416	0.11%	0.012%
23	13.845	1839	1846	1850	rVV	2463091	3565322	40.72%	4.492%
24	13.886	1850	1853	1862	rVB	532297	718911	8.21%	0.906%
25	14.021	1869	1876	1880	rVB5	11131	17916	0.20%	0.023%
26	14.074	1880	1885	1887	rBV4	9134	13060	0.15%	0.016%
27	14.121	1887	1893	1905	rVB	2708711	4027509	46.00%	5.075%
28	14.427	1939	1945	1953	rBV2	2044932	3195796	36.50%	4.027%
29	14.492	1953	1956	1960	rVB5	9701	13356	0.15%	0.017%
30	14.633	1973	1980	1994	rBV	1006682	1555194	17.76%	1.960%
31	14.857	2013	2018	2025	rVB7	13650	28173	0.32%	0.035%
32	15.221	2075	2080	2084	rBV	18493	25912	0.30%	0.033%
33	15.421	2108	2114	2124	rBV	3761618	5457125	62.32%	6.876%
34	15.545	2129	2135	2143	rBV	1038327	1438263	16.43%	1.812%

LSC Area Percent Report

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Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

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-BM061419MA.M
Title : SVOA CALIBRATION

35	15.663	2150	2155	2164	rVB2	73301	110839	1.27%	0.140%
36	15.810	2171	2180	2191	rVB	321043	441506	5.04%	0.556%
37	16.139	2233	2236	2242	rVB5	12646	17718	0.20%	0.022%
38	16.221	2244	2250	2252	rBV5	12800	18952	0.22%	0.024%
39	16.321	2262	2267	2270	rVB2	15321	19542	0.22%	0.025%
40	16.910	2362	2367	2368	rBV4	9854	13070	0.15%	0.016%
41	16.927	2368	2370	2373	rVV2	13674	14782	0.17%	0.019%
42	16.962	2373	2376	2381	rVV3	10491	17960	0.21%	0.023%
43	17.062	2389	2393	2396	rBV4	16939	22702	0.26%	0.029%
44	17.133	2401	2405	2406	rBV3	8328	10439	0.12%	0.013%
45	17.174	2406	2412	2417	rVV2	2914897	4264492	48.70%	5.373%
46	17.215	2417	2419	2423	rVV	106196	140505	1.60%	0.177%
47	17.274	2423	2429	2439	rVB	4531319	6382037	72.88%	8.042%
48	17.462	2458	2461	2464	rBV2	9169	10686	0.12%	0.013%
49	17.557	2474	2477	2480	rBV4	9803	12500	0.14%	0.016%
50	17.662	2492	2495	2498	rBV3	8824	11314	0.13%	0.014%
51	17.839	2521	2525	2532	rVB6	22146	29318	0.33%	0.037%
52	17.945	2539	2543	2551	rVB8	16568	30376	0.35%	0.038%
53	18.068	2558	2564	2568	rBV	583650	824715	9.42%	1.039%
54	18.139	2574	2576	2580	rVB	29551	33965	0.39%	0.043%
55	18.245	2590	2594	2597	rBV3	31517	47911	0.55%	0.060%
56	18.356	2609	2613	2617	rBV7	29228	51835	0.59%	0.065%
57	18.556	2643	2647	2652	rVV2	29003	50166	0.57%	0.063%
58	18.598	2652	2654	2660	rVB6	32039	45389	0.52%	0.057%
59	18.792	2684	2687	2692	rVB5	31265	40881	0.47%	0.052%
60	18.968	2713	2717	2723	rBV6	48242	95689	1.09%	0.121%
61	19.062	2730	2733	2738	rVB4	48638	57911	0.66%	0.073%
62	19.127	2738	2744	2750	rBV9	37620	83748	0.96%	0.106%
63	19.203	2753	2757	2758	rBV	65281	78701	0.90%	0.099%
64	19.233	2758	2762	2768	rVB	333062	449267	5.13%	0.566%
65	19.292	2768	2772	2776	rBV8	21560	32225	0.37%	0.041%
66	19.345	2777	2781	2786	rBV	218735	305596	3.49%	0.385%
67	19.456	2796	2800	2805	rBV	176158	223391	2.55%	0.281%
68	19.574	2813	2820	2831	rBV	5898796	8756316	100.00%	11.033%
69	20.009	2891	2894	2898	rBV2	41330	51592	0.59%	0.065%
70	20.603	2992	2995	2998	rVB	73783	79133	0.90%	0.100%
71	21.062	3069	3073	3082	rBV	1118396	1407145	16.07%	1.773%

LSC Area Percent Report

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Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

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-BM061419MA.M
Title : SVOA CALIBRATION

72	21.356	3118	3123	3128	rBV	3837751	5019319	57.32%	6.324%
73	21.503	3145	3148	3152	rVB	207441	214739	2.45%	0.271%
74	21.944	3220	3223	3236	rVB2	302028	432744	4.94%	0.545%
75	22.415	3299	3303	3308	rBV	385510	476993	5.45%	0.601%
76	22.927	3386	3390	3406	rVB2	424801	913213	10.43%	1.151%
77	23.491	3480	3486	3500	rVB	3849841	7559926	86.34%	9.526%
78	23.639	3504	3511	3525	rVB	2234225	4307294	49.19%	5.427%

Sum of corrected areas: 79363463

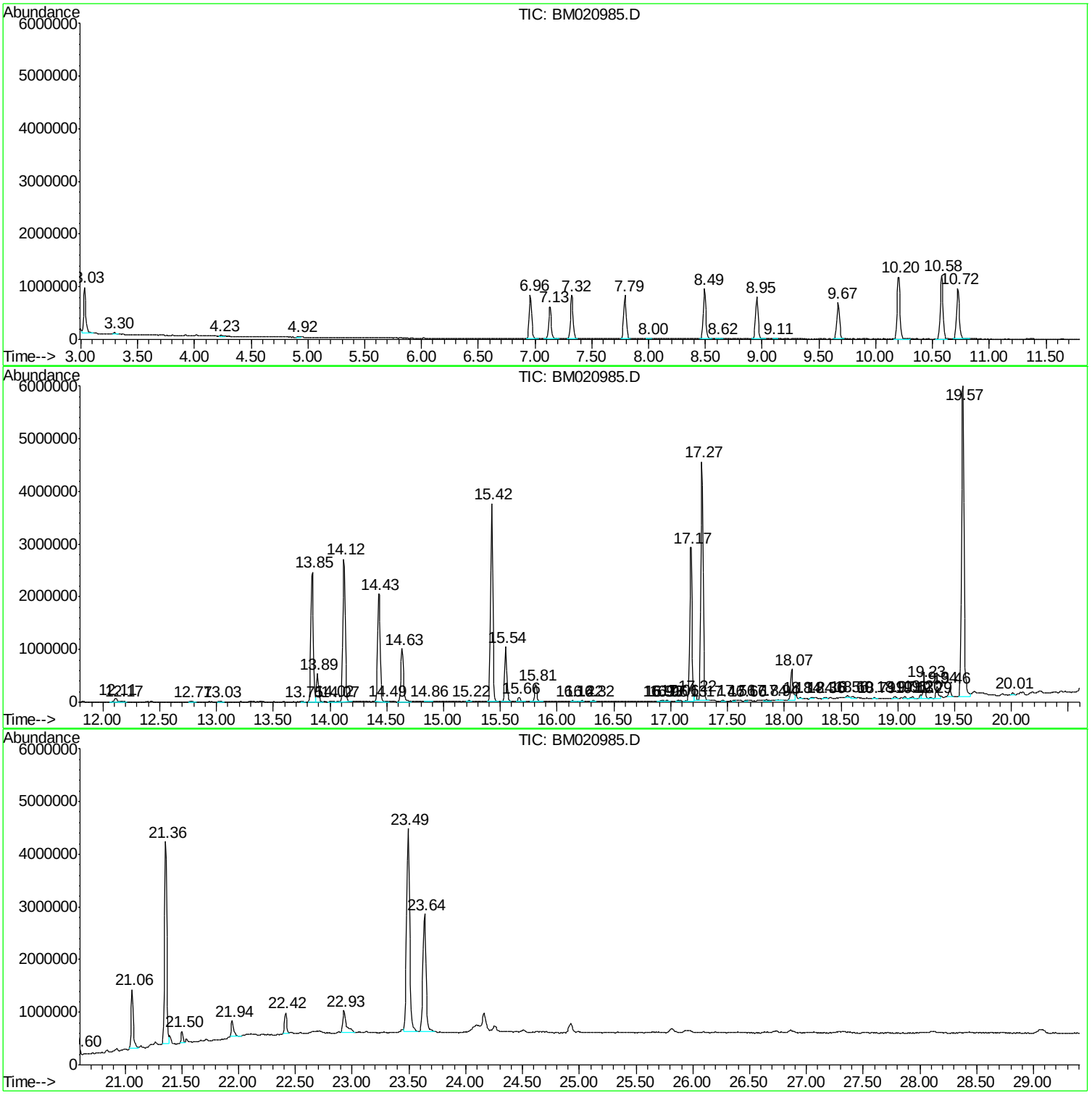
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020985.D
Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM061719\
Data File : BM020985.D
Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

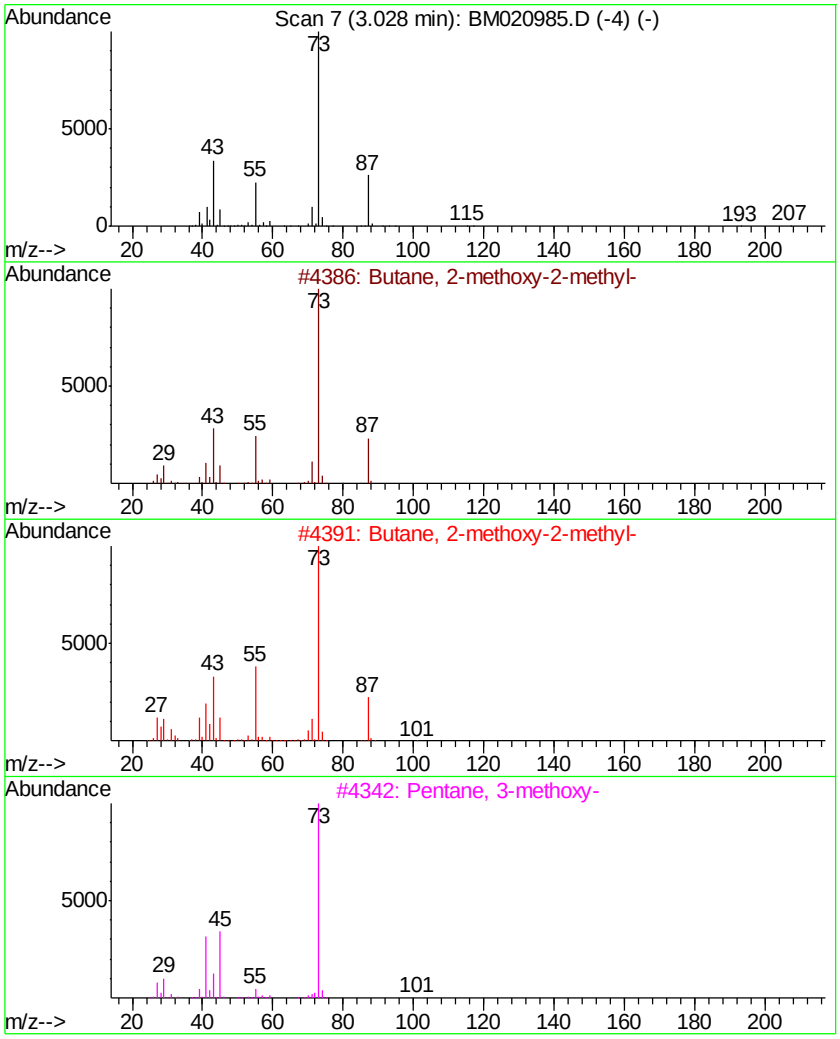
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

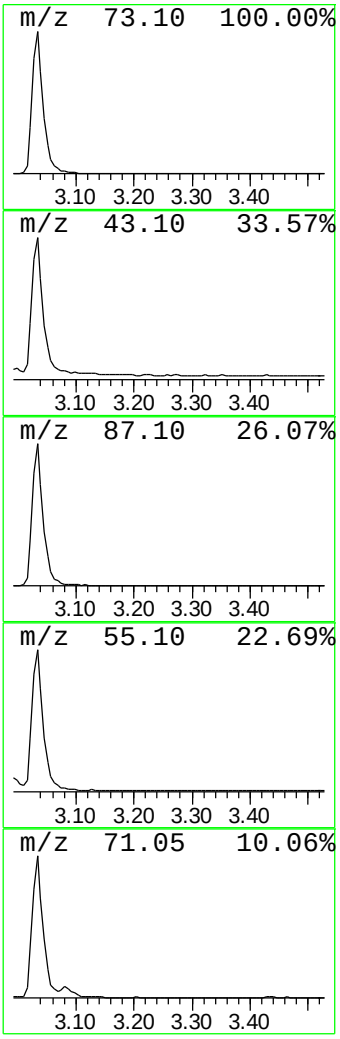
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	18.39 ng/ul	1178700	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020985.D
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Misc :
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Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

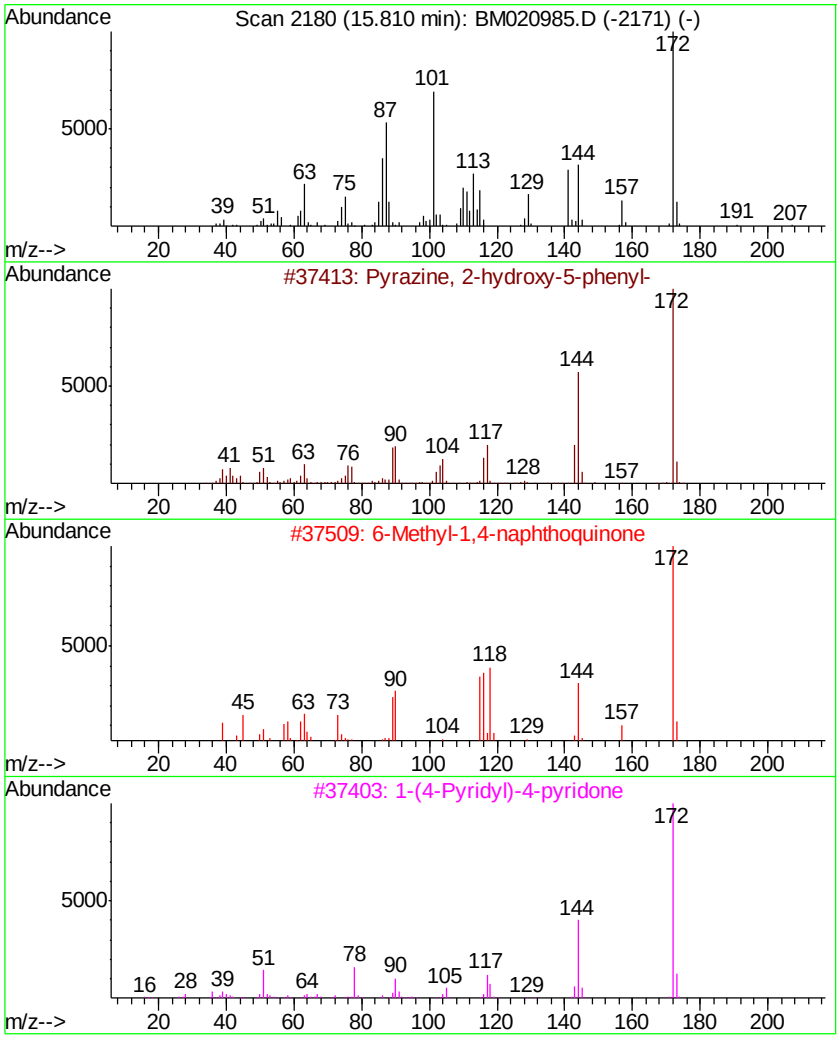
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

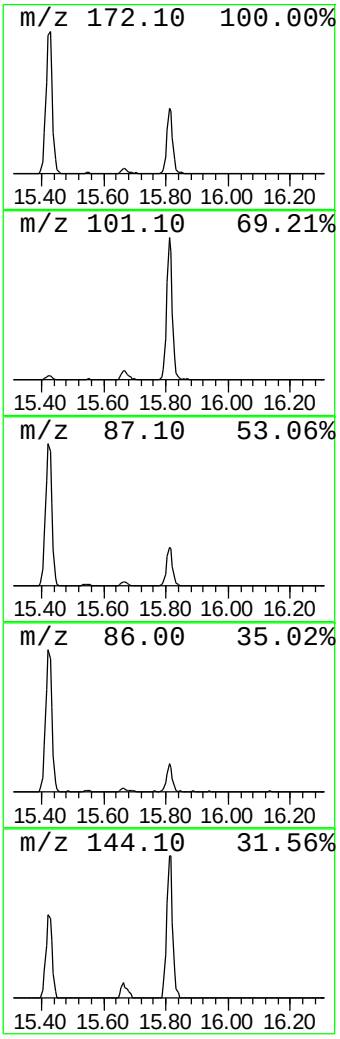
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.07 ng/ul	441506	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	27
2	6-Methyl-1,4-naphthoquinone	172	C11H8O2	000605-93-6	27
3	1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	16
4	peri-Naphtho-1,3-dioxin	172	C11H8O2	000204-11-5	16
5	6-Hydroxymethyl-1-methyl-2-thiou...	172	C6H8N2O2S	031555-14-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020985.D
Acq On : 17 Jun 2019 18:48
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

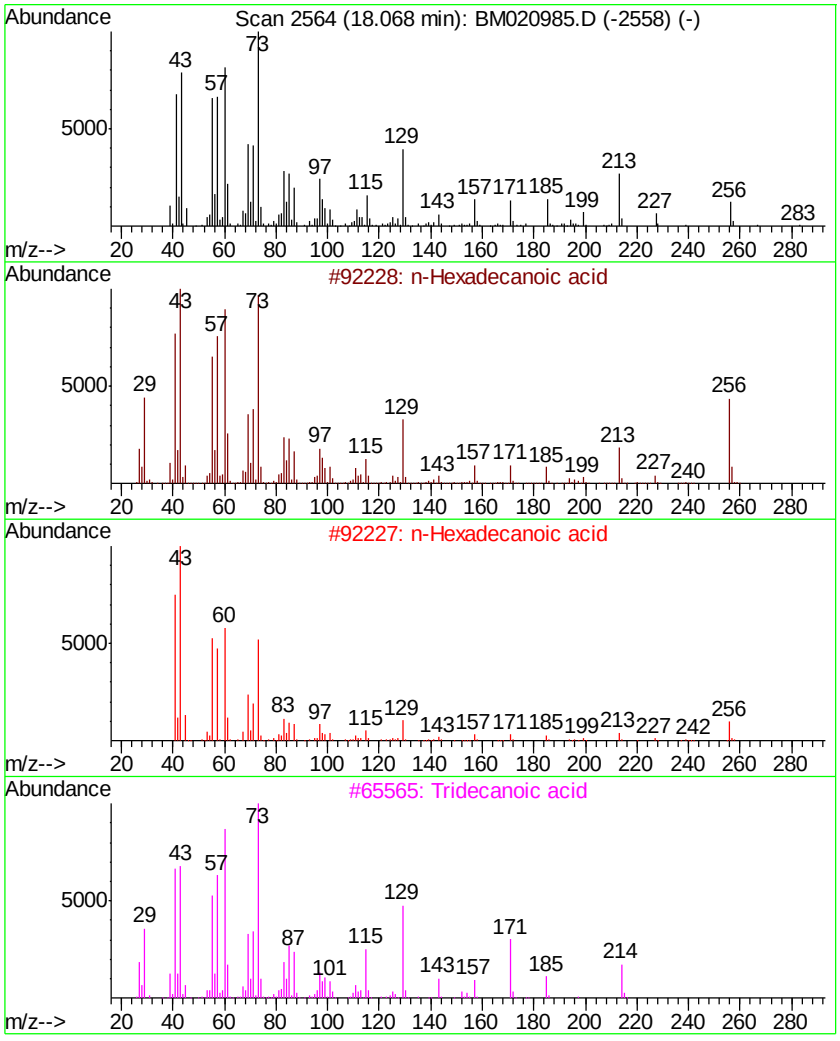
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

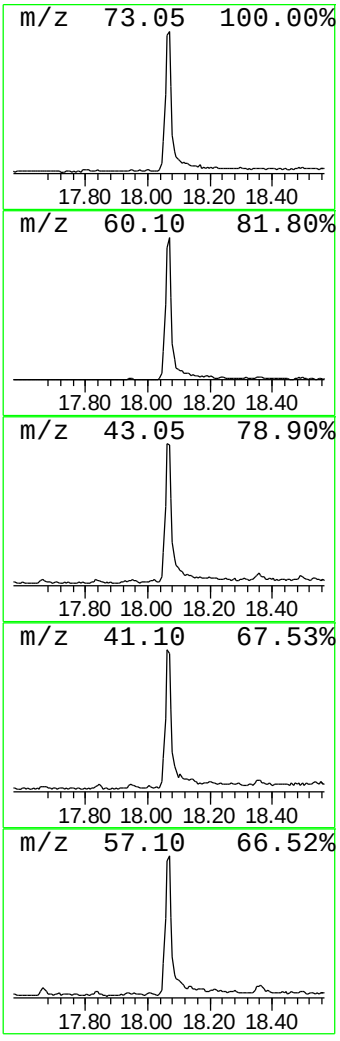
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.87 ng/ul	824715	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020985.D
Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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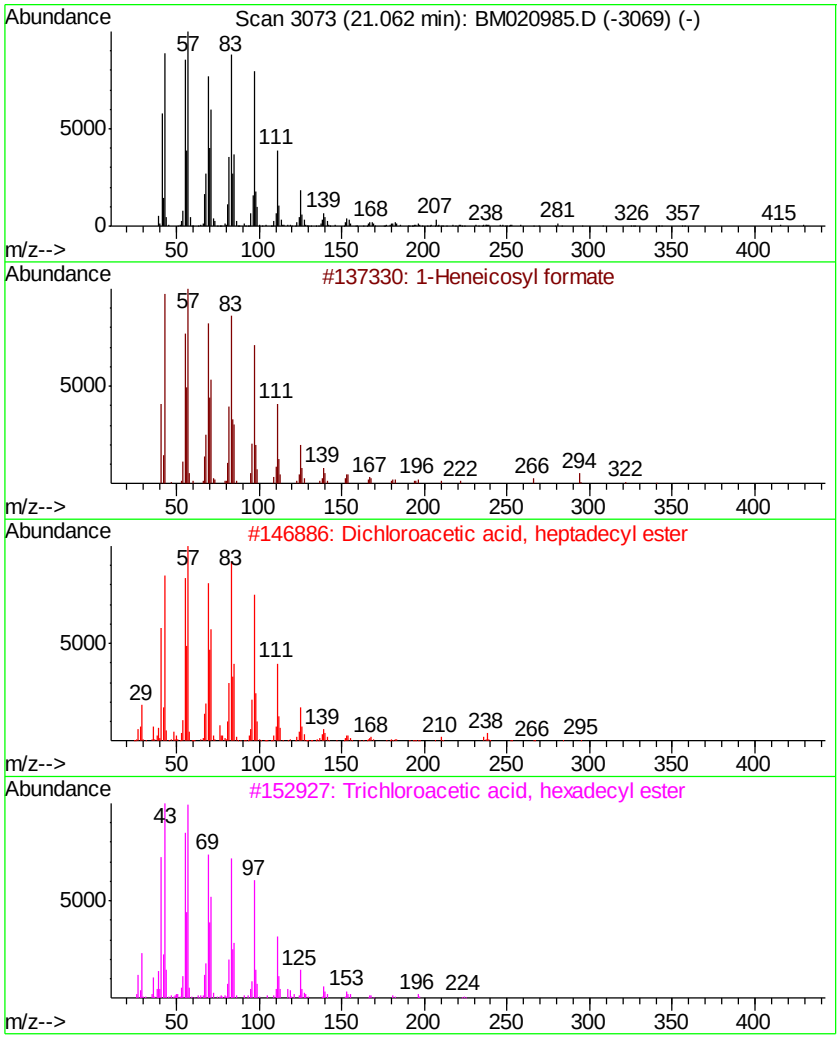
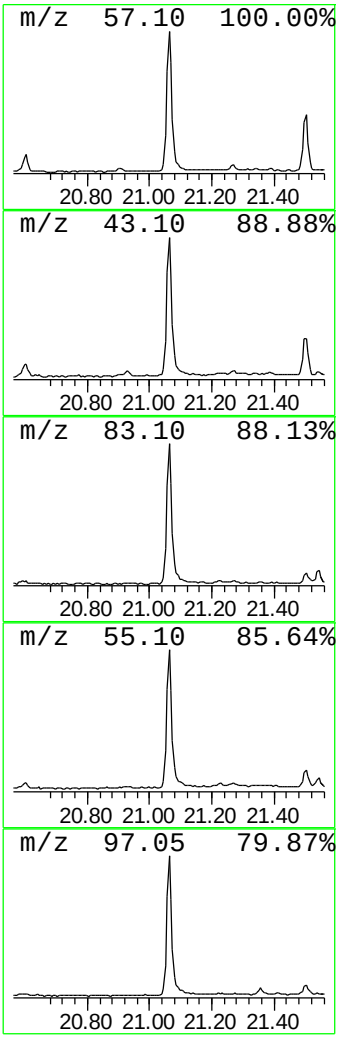
Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.61 ng/ul	1407150	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Library Search Compound Report

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Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

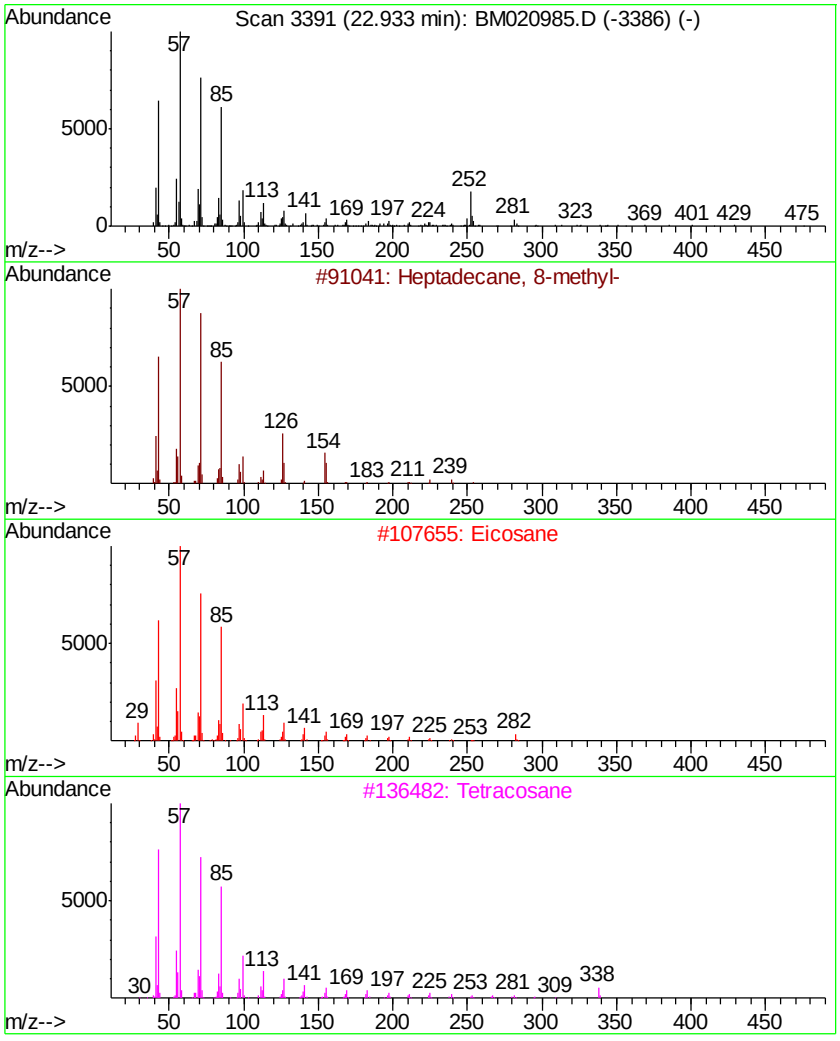
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

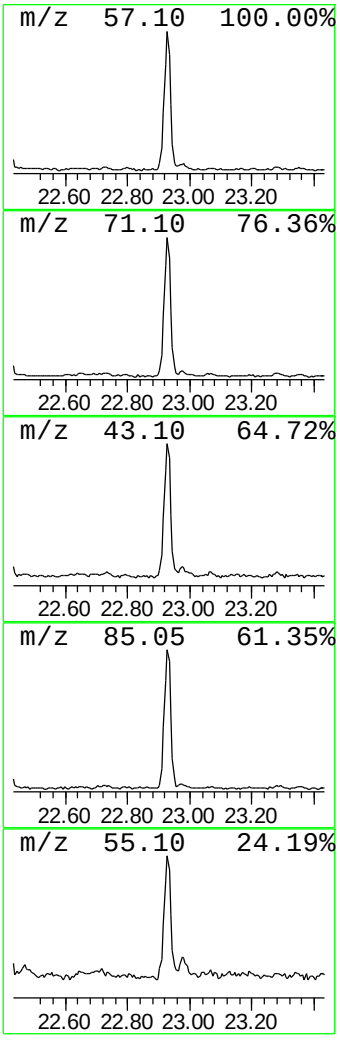
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	4.24 ng/ul	913213	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020985.D
Acq On : 17 Jun 2019 18:48
Operator : HP/JU
Sample : K3332-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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...	3.03	18.4	ng/ul	1178700	1	7.79	1281810	20.0
unknown-01	15.81	2.1	ng/ul	441506	4	17.18	4264490	20.0
n-Hexadecanoic acid	18.07	3.9	ng/ul	824715	4	17.18	4264490	20.0
1-Heneicosyl formate	21.06	5.6	ng/ul	1407150	5	21.36	5019320	20.0
(DEL) Alkane: Str...	22.93	4.2	ng/ul	913213	6	23.64	4307290	20.0