LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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-BM102319MA.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	3.581	98	101	111	rBV	255256	503244	7.06%	0.422%
2	4.487	252	255	267	rVB	97983	189574	2.66%	0.159%
3	4.593	270	273	281	rBV2	78958	134017	1.88%	0.112%
4	4.675	283	287	299	rBV	459690	839618	11.78%	0.704%
5	5.787	472	476	481	rBV3	92788	140663	1.97%	0.118%
6	5.840	481	485	493	rBV2	153657	258570	3.63%	0.217%
7	6.504	595	598	608	rVB2	73232	136141	1.91%	0.114%
8	6.657	619	624	633	rBV	660026	1095833	15.37%	0.919%
9	6.757	634	641	643	rVV2	446340	765808	10.74%	0.642%
10	6.792	643	647	658	rVB2	1184196	2068477	29.02%	1.734%
11	6.951	669	674	682	rBV	981258	1558736	21.87%	1.307%
12	7.145	702	707	719	rVB	1207725	1975804	27.72%	1.657%
13	7.251	721	725	731	rVV7	71073	147752	2.07%	0.124%
14	7.310	731	735	748	rVV3	125600	331971	4.66%	0.278%
15	7.422	749	754	760	rVB2	92514	181682	2.55%	0.152%
16	7.610	779	786	792	rBV	1647604	2649884	37.17%	2.222%
17	7.892	831	834	842	rVB2	86812	135394	1.90%	0.114%
18	8.322	901	907	915	rVV	1422973	2261841	31.73%	1.896%
19	8.404	915	921	922	rVV3	101658	170135	2.39%	0.143%
20	8.428	922	925	928	rVV	141652	226716	3.18%	0.190%
21	8.469	928	932	940	rVB	105925	215595	3.02%	0.181%
22	8.704	965	972	975	rVV3	199352	360240	5.05%	0.302%
23	8.757	975	981	990	rVV	1215139	2067476	29.00%	1.734%
24	8.851	991	997	1007	rVV8	56104	169906	2.38%	0.142%
25	8.969	1014	1017	1032	rVB7	68481	196148	2.75%	0.164%
26	9.475	1096	1103	1112	rBV	925968	1549442	21.74%	1.299%
27	9.604	1121	1125	1136	rVB	85093	194231	2.72%	0.163%
28	9.828	1155	1163	1169	rBV5	80665	198758	2.79%	0.167%
29	10.016	1189	1195	1205	rVB	1168892	1968164	27.61%	1.650%
30	10.192	1216	1225	1229	rBV8	54649	141966	1.99%	0.119%
31	10.386	1248	1258	1264	rBV	2378848	3894994	54.64%	3.266%
32	10.522	1273	1281	1295	rVB	629368	1188253	16.67%	0.996%
33	11.216	1393	1399	1405	rVB6	77772	167295	2.35%	0.140%
34	11.292	1405	1412	1420	rBV	105592	260496	3.65%	0.218%

LSC Area Percent Report

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Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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-BM102319MA.M
Title : SVOA CALIBRATION

35	11.969	1521	1527	1534	rVB5	71199	142385	2.00%	0.119%
36	12.327	1584	1588	1596	rBV3	71467	141603	1.99%	0.119%
37	12.580	1627	1631	1637	rVB2	113556	178760	2.51%	0.150%
38	13.104	1713	1720	1724	rVB2	170678	315225	4.42%	0.264%
39	13.174	1724	1732	1737	rBV	327115	518009	7.27%	0.434%
40	13.539	1783	1794	1798	rBV4	90440	202553	2.84%	0.170%
41	13.586	1798	1802	1807	rVB	135813	203839	2.86%	0.171%
42	13.674	1811	1817	1822	rBV	2666042	3806882	53.41%	3.192%
43	13.721	1822	1825	1830	rVV	1095822	1421712	19.94%	1.192%
44	13.798	1834	1838	1846	rVB2	76213	180887	2.54%	0.152%
45	13.945	1852	1863	1873	rBV	2940658	4734665	66.42%	3.970%
46	14.121	1888	1893	1900	rVB2	274882	458416	6.43%	0.384%
47	14.186	1900	1904	1908	rVB	183940	245688	3.45%	0.206%
48	14.257	1908	1916	1924	rBV	3914112	5761238	80.82%	4.831%
49	14.498	1950	1957	1961	rBV3	179437	305515	4.29%	0.256%
50	14.615	1972	1977	1982	rBV	154418	237637	3.33%	0.199%
51	14.686	1982	1989	1995	rVV5	151800	344376	4.83%	0.289%
52	15.139	2060	2066	2077	rVB2	226611	365143	5.12%	0.306%
53	15.257	2080	2086	2095	rBV	3661322	5228180	73.35%	4.384%
54	15.468	2116	2122	2132	rBV4	120290	377691	5.30%	0.317%
55	15.604	2140	2145	2156	rVB6	126311	261350	3.67%	0.219%
56	15.715	2157	2164	2170	rBV	279099	426629	5.99%	0.358%
57	15.833	2178	2184	2192	rVB7	89321	198378	2.78%	0.166%
58	16.004	2208	2213	2218	rBV	379717	481160	6.75%	0.403%
59	16.239	2247	2253	2258	rVV2	570274	906489	12.72%	0.760%
60	16.304	2258	2264	2270	rVV3	622127	1106268	15.52%	0.928%
61	16.362	2270	2274	2278	rVV3	91944	152585	2.14%	0.128%
62	16.433	2282	2286	2296	rVB	306375	493833	6.93%	0.414%
63	16.604	2311	2315	2319	rVV2	221087	369385	5.18%	0.310%
64	16.651	2320	2323	2332	rVB4	174790	315845	4.43%	0.265%
65	16.774	2334	2344	2345	rBV7	126714	300672	4.22%	0.252%
66	16.798	2345	2348	2354	rVB2	370463	511690	7.18%	0.429%
67	17.004	2378	2383	2390	rVV	4108325	5876371	82.44%	4.927%
68	17.068	2390	2394	2396	rVV	370444	521482	7.32%	0.437%
69	17.104	2396	2400	2410	rVB	3577326	4942374	69.34%	4.144%
70	17.274	2424	2429	2434	rBV	359268	541717	7.60%	0.454%
71	17.421	2450	2454	2460	rVB6	94094	174230	2.44%	0.146%

LSC Area Percent Report

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Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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-BM102319MA.M
Title : SVOA CALIBRATION

72	17.533	2463	2473	2476	rVV	447554	714590	10.02%	0.599%
73	17.562	2476	2478	2484	rVB2	178877	216786	3.04%	0.182%
74	17.703	2498	2502	2505	rVB2	112492	151773	2.13%	0.127%
75	17.774	2510	2514	2523	rBV2	147830	300031	4.21%	0.252%
76	17.886	2528	2533	2536	rBV	325220	405956	5.70%	0.340%
77	17.927	2536	2540	2543	rBV	506598	718934	10.09%	0.603%
78	17.998	2548	2552	2556	rVV	263902	389811	5.47%	0.327%
79	18.051	2556	2561	2569	rVB	862216	1161829	16.30%	0.974%
80	18.227	2587	2591	2595	rBV	474774	541081	7.59%	0.454%
81	18.398	2616	2620	2629	rVB7	100361	172897	2.43%	0.145%
82	18.868	2696	2700	2705	rVB	559007	665524	9.34%	0.558%
83	18.980	2716	2719	2725	rVB	191094	227650	3.19%	0.191%
84	19.215	2756	2759	2767	rBV4	128772	171332	2.40%	0.144%
85	19.403	2786	2791	2796	rBV2	4039921	5505868	77.24%	4.617%
86	19.450	2796	2799	2804	rVB	640148	697031	9.78%	0.584%
87	19.986	2887	2890	2894	rVB	780534	824460	11.57%	0.691%
88	20.156	2916	2919	2924	rVB	235637	249121	3.49%	0.209%
89	20.415	2959	2963	2968	rBV	223937	387164	5.43%	0.325%
90	20.486	2969	2975	2979	rBV	954955	1203138	16.88%	1.009%
91	20.944	3049	3053	3060	rBV	2023728	2772593	38.90%	2.325%
92	21.203	3092	3097	3106	rBV	5407450	6570324	92.17%	5.509%
93	21.386	3124	3128	3132	rBV	1378037	1539958	21.60%	1.291%
94	21.815	3197	3201	3210	rVB	1445191	1914919	26.86%	1.606%
95	22.268	3274	3278	3283	rVB	1593823	2006744	28.15%	1.683%
96	22.768	3358	3363	3367	rBV	1496799	2201483	30.88%	1.846%
97	23.256	3440	3446	3452	rBV	2754644	4845958	67.98%	4.063%
98	23.321	3453	3457	3463	rVV	1375209	2266876	31.80%	1.901%
99	23.391	3463	3469	3480	rVB	3896117	7128170	100.00%	5.977%
100	23.956	3560	3565	3573	rVB	1174146	2216635	31.10%	1.859%

Sum of corrected areas: 119264322

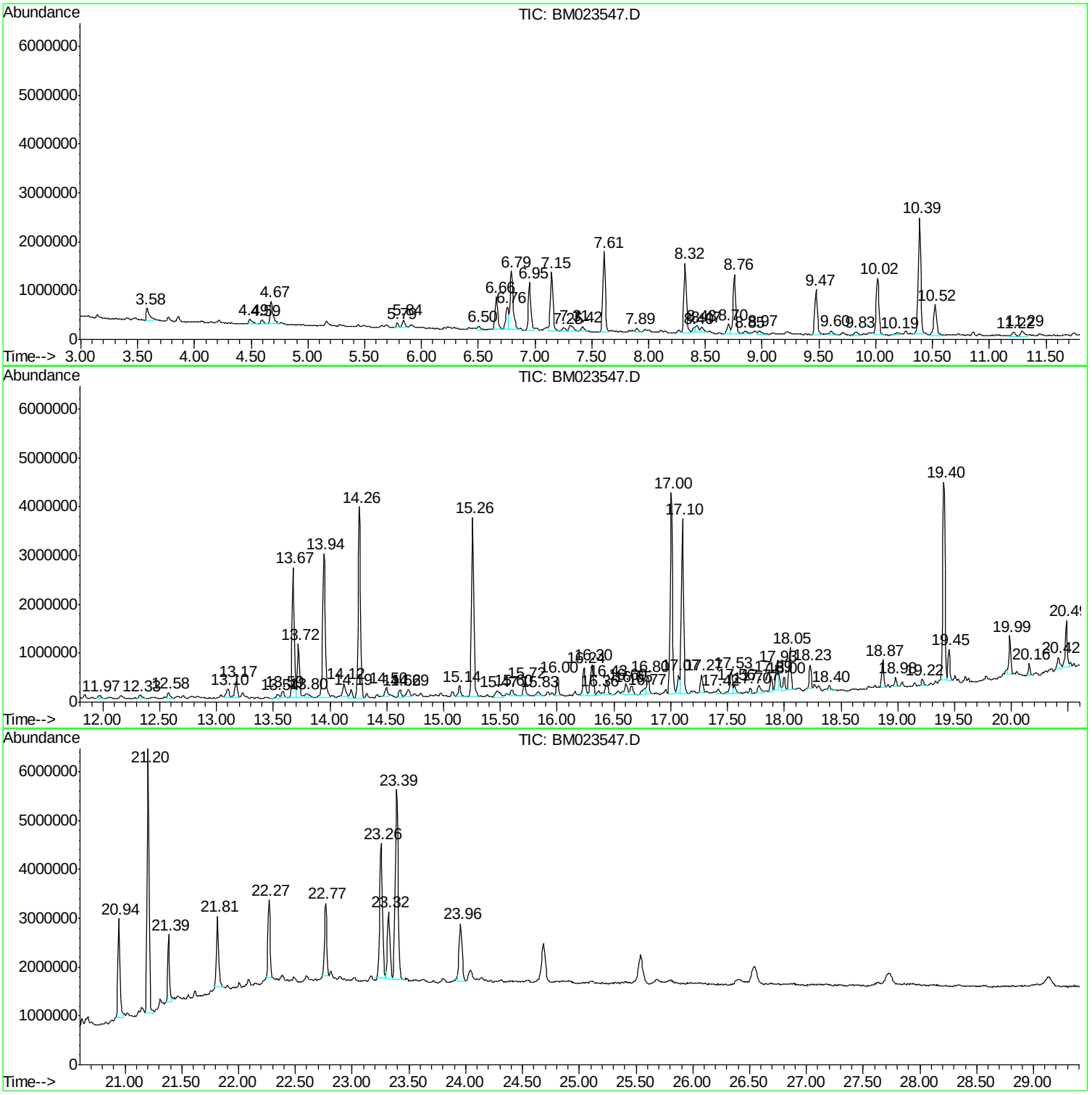
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
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Acq On : 01 Nov 2019 07:39
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

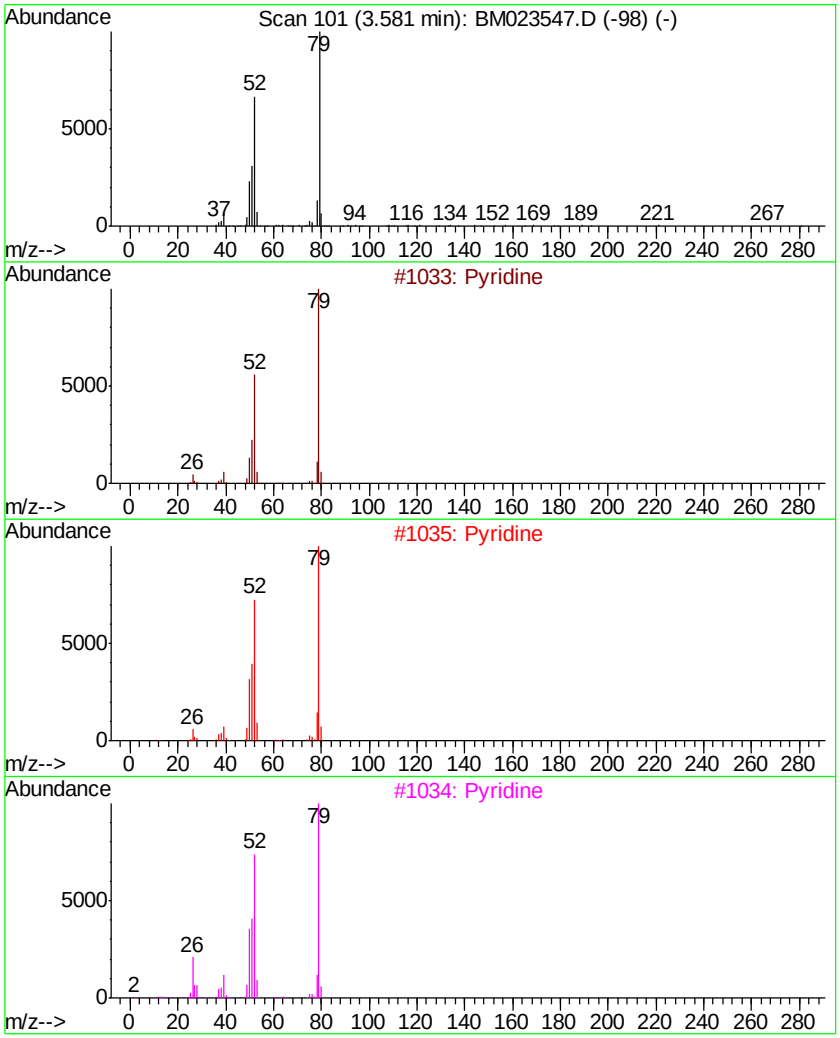
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

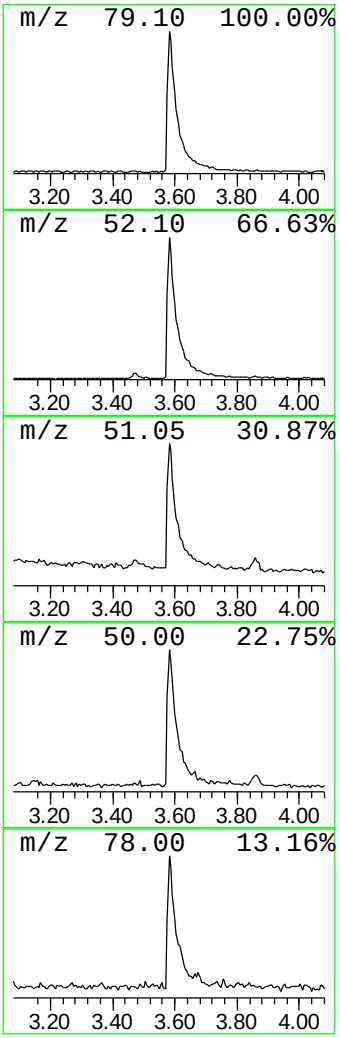
****

Peak Number 1 Pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	3.80 ng/ul	503244	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine	79	C5H5N	000110-86-1	94
2	Pyridine	79	C5H5N	000110-86-1	94
3	Pyridine	79	C5H5N	000110-86-1	91
4	Pyridine	79	C5H5N	000110-86-1	91
5	1-Ethylpyridinium bromide	187	C7H10BrN	001906-79-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

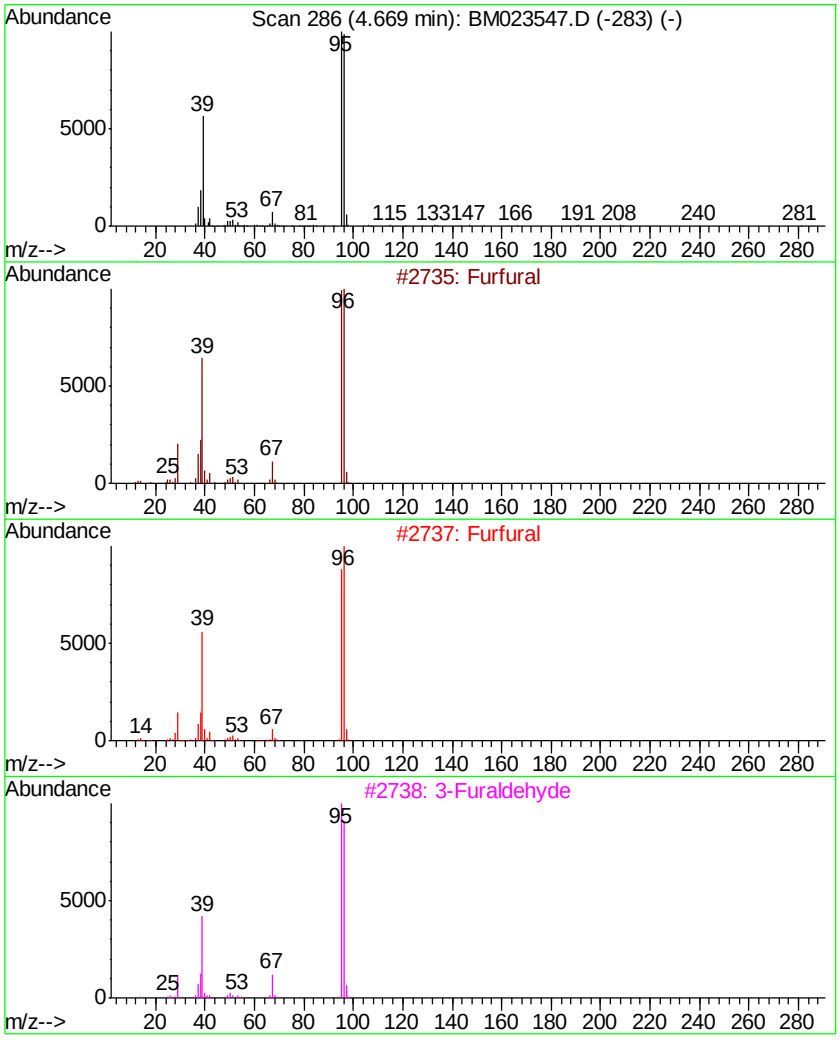
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

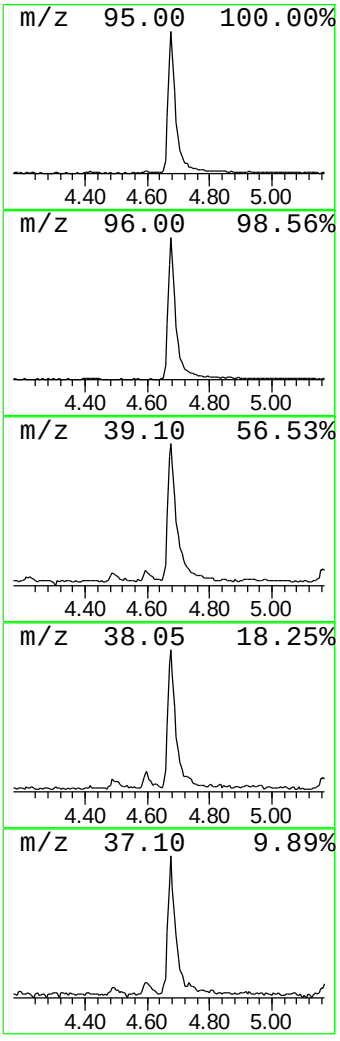
****

Peak Number 2 Furfural Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	6.34 ng/ul	839618	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	96
2	Furfural	96	C5H4O2	000098-01-1	95
3	3-Furaldehyde	96	C5H4O2	000498-60-2	91
4	Furfural	96	C5H4O2	000098-01-1	91
5	3,5-Dimethylpyrazole	96	C5H8N2	000067-51-6	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

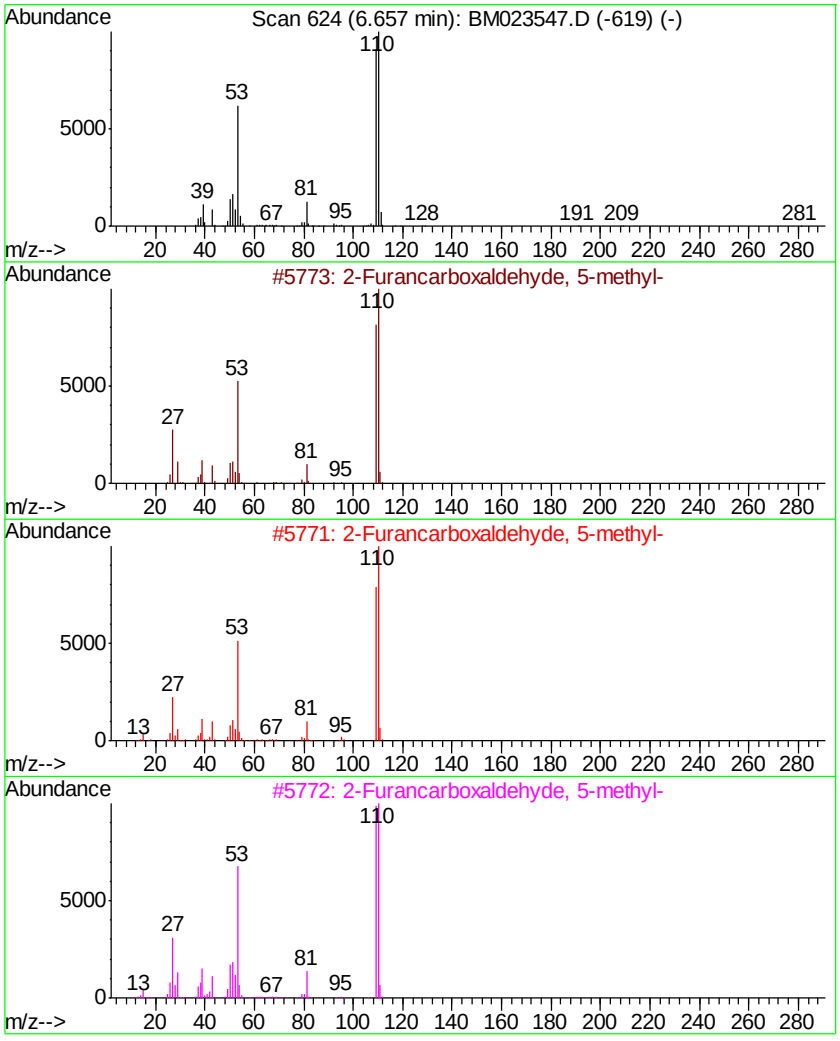
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

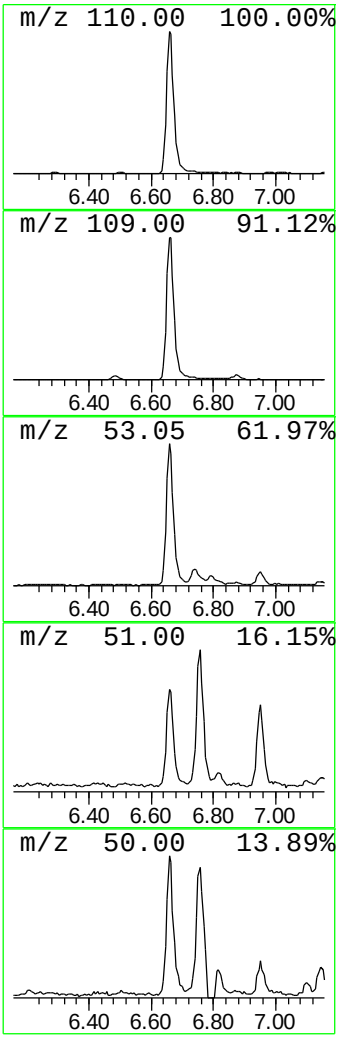
****

Peak Number 3 2-Furancarboxaldehyde, 5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.27 ng/ul	1095830	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	97
2	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	94
3	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	91
4	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	86
5	Hydroquinone	110	C6H6O2	000123-31-9	38





Library Search Compound Report

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Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

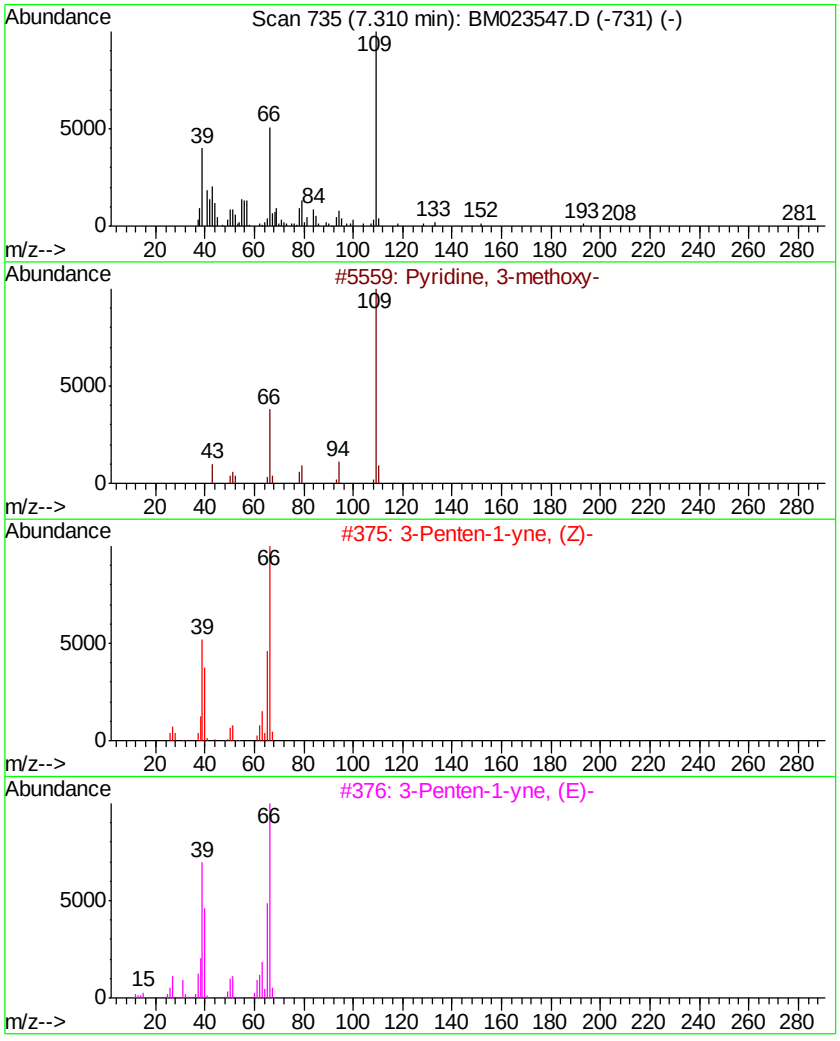
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

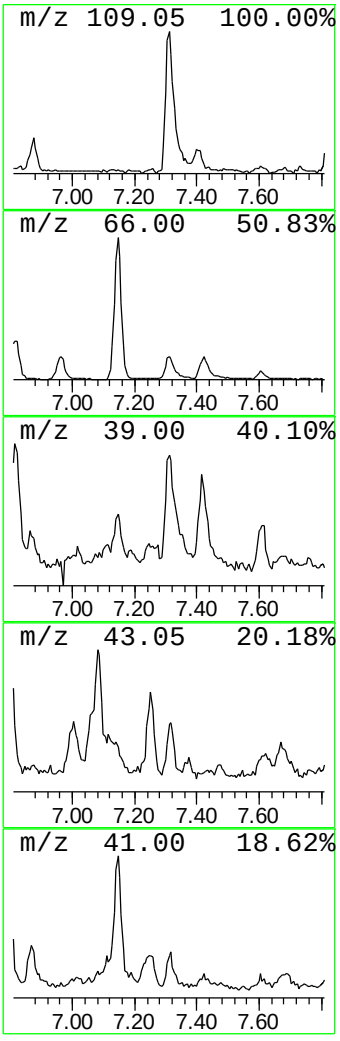
****

Peak Number 4 Pyridine, 3-methoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	2.51 ng/ul	331971	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methoxy-	109	C6H7NO	007295-76-3	87
2	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	47
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	47
4	Cyclopropylacetylene	66	C5H6	006746-94-7	43
5	1-Penten-3-yne	66	C5H6	000646-05-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

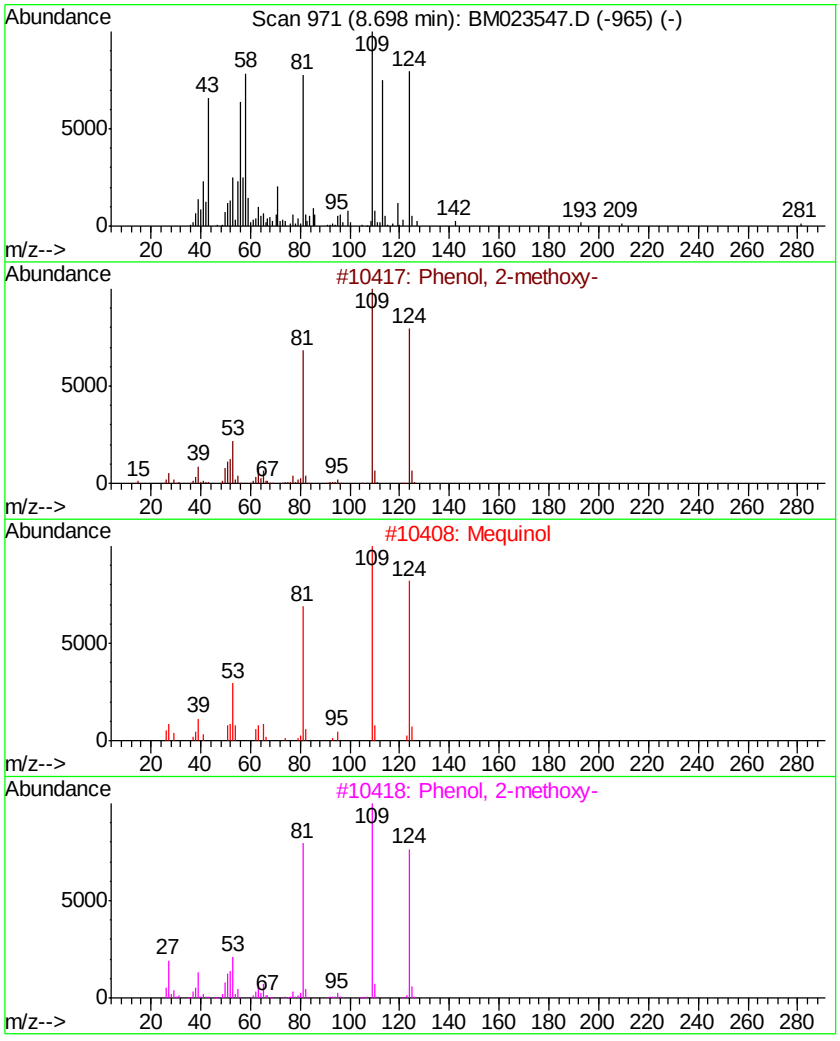
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

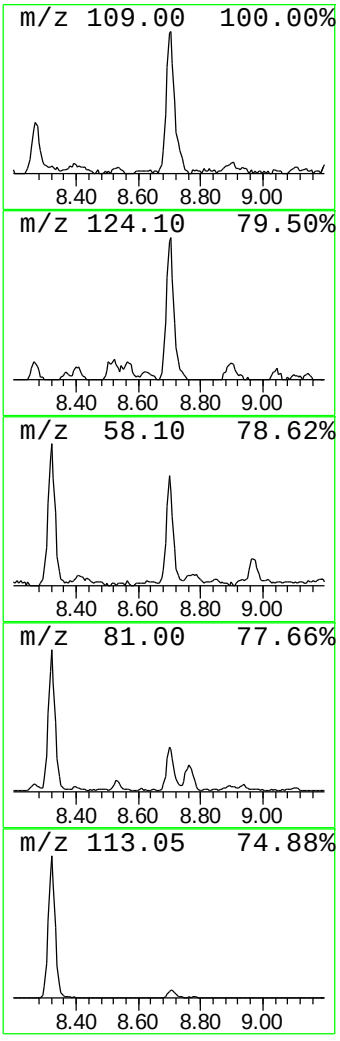
****

Peak Number 5 Phenol, 2-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.72 ng/ul	360240	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
2	Mequinol	124	C7H8O2	000150-76-5	55
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	55
4	Mequinol	124	C7H8O2	000150-76-5	49
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	49





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Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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Quant Title : SVOA CALIBRATION

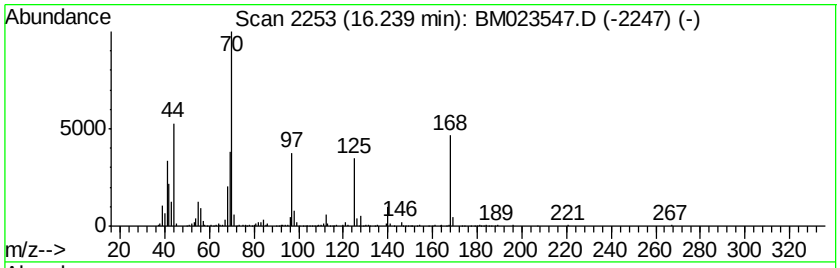
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

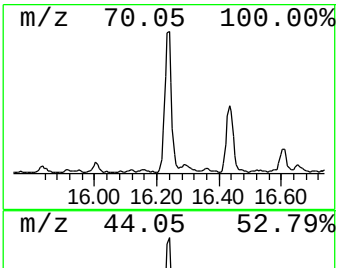
****

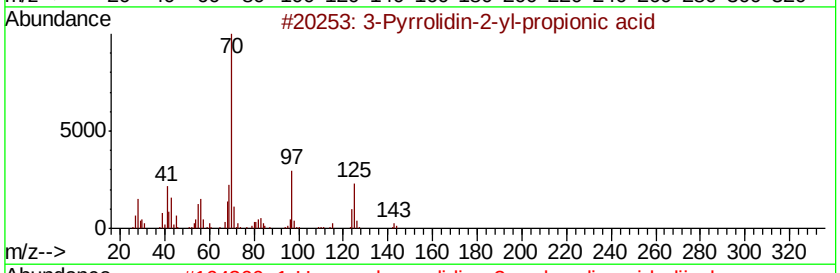
Peak Number 6 unknown-01 Concentration Rank 14

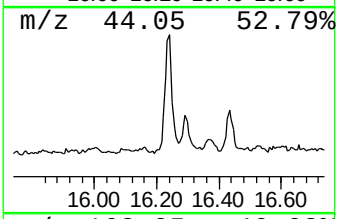
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.09 ng/ul	906489	Phenanthrene-d10	17.00

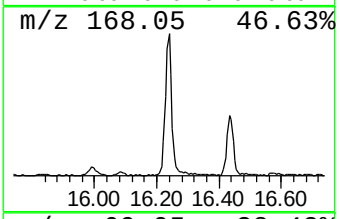
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidin-2-yl-propionic acid	143	C7H13NO2	1000193-88-0	32
2	1-Hexanoyl-pyrrolidine-2-carboxy...	324	C19H36N2O2	1000189-28-1	32
3	1,3-Cyclobutanedione, 2,2,4,4-te...	140	C8H12O2	000933-52-8	27
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	27
5	1,3-Cyclobutanedione, 2,2,4,4-te...	140	C8H12O2	000933-52-8	22

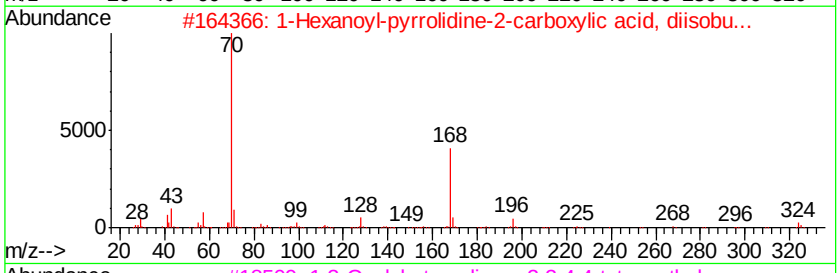


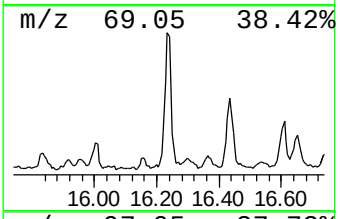


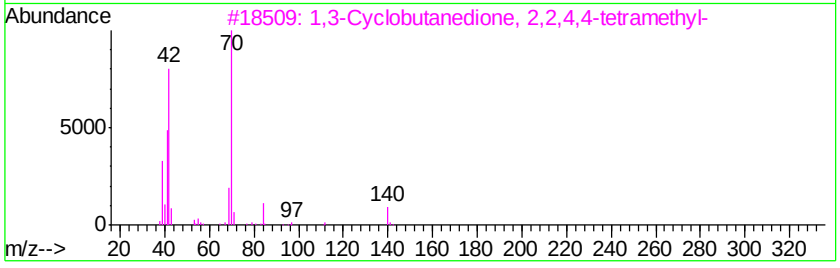


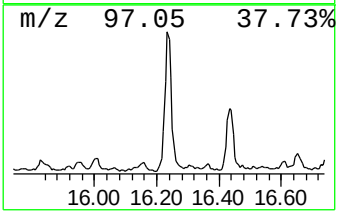












Library Search Compound Report

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Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

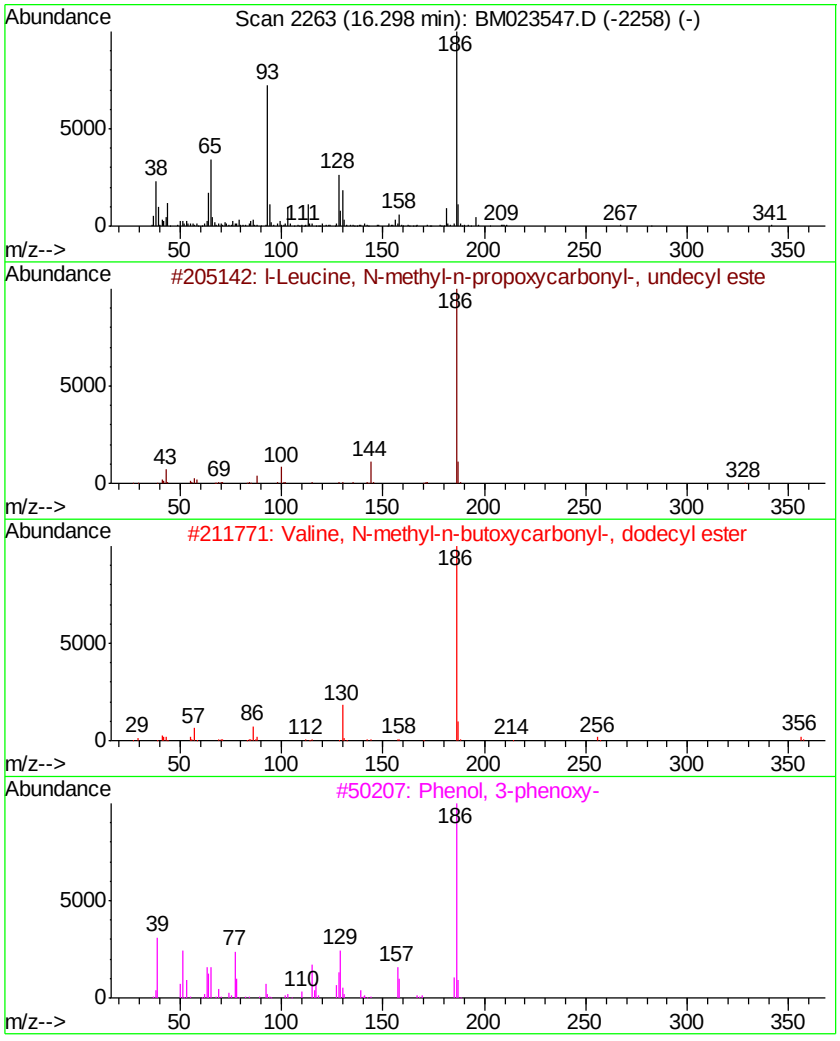
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

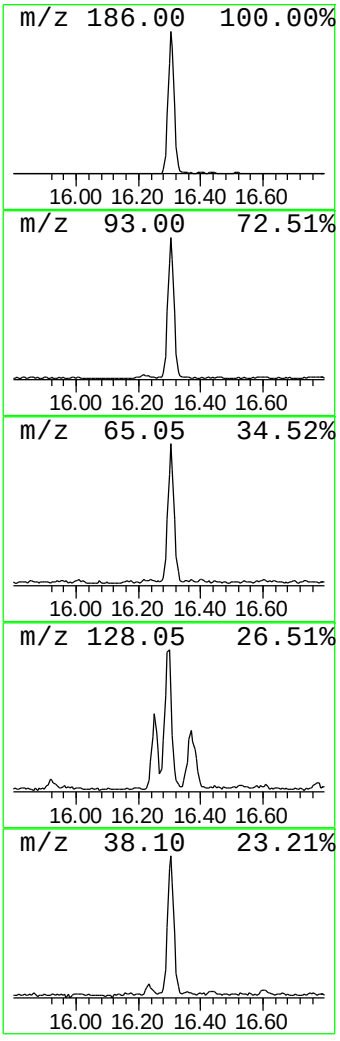
****

Peak Number 7 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.77 ng/ul	1106270	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	l-Leucine, N-methyl-n-propoxycar...	385	C22H43NO4	1000321-86-1	35
2	Valine, N-methyl-n-butoxycarbony...	399	C23H45NO4	1000328-96-4	22
3	Phenol, 3-phenoxy-	186	C12H10O2	000713-68-8	22
4	Phenol, 3-phenoxy-	186	C12H10O2	000713-68-8	22
5	l-Leucine, N-isobutoxycarbonyl-,...	441	C26H51NO4	1000313-96-1	22





Library Search Compound Report

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Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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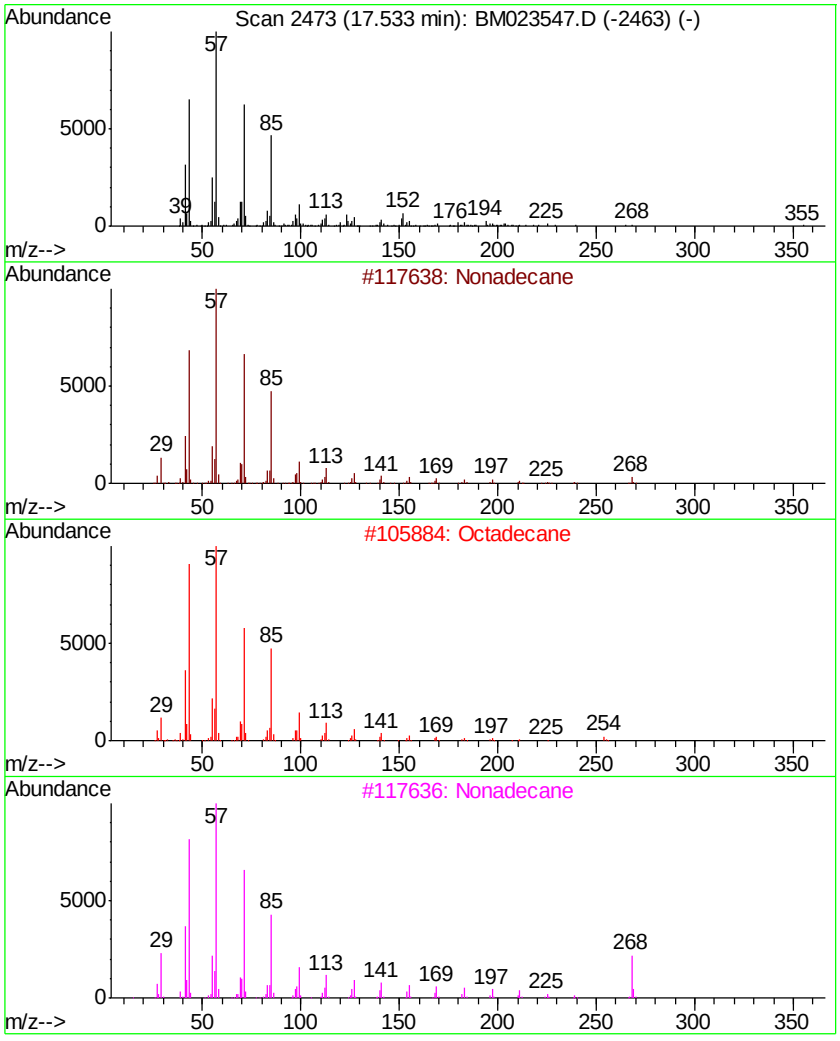
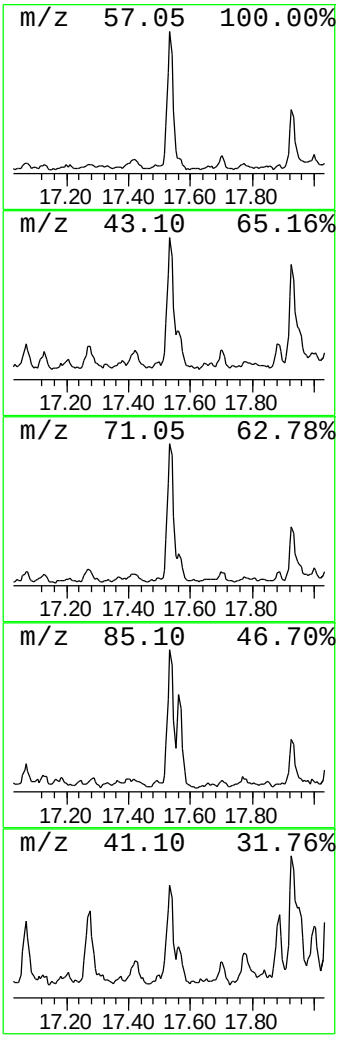
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.43 ng/ul	714590	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Octadecane	254	C18H38	000593-45-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Pentadecane	212	C15H32	000629-62-9	83
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

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Operator : JU
Sample : K5433-16
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 9 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.45 ng/ul	718934	Phenanthrene-d10	17.00

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
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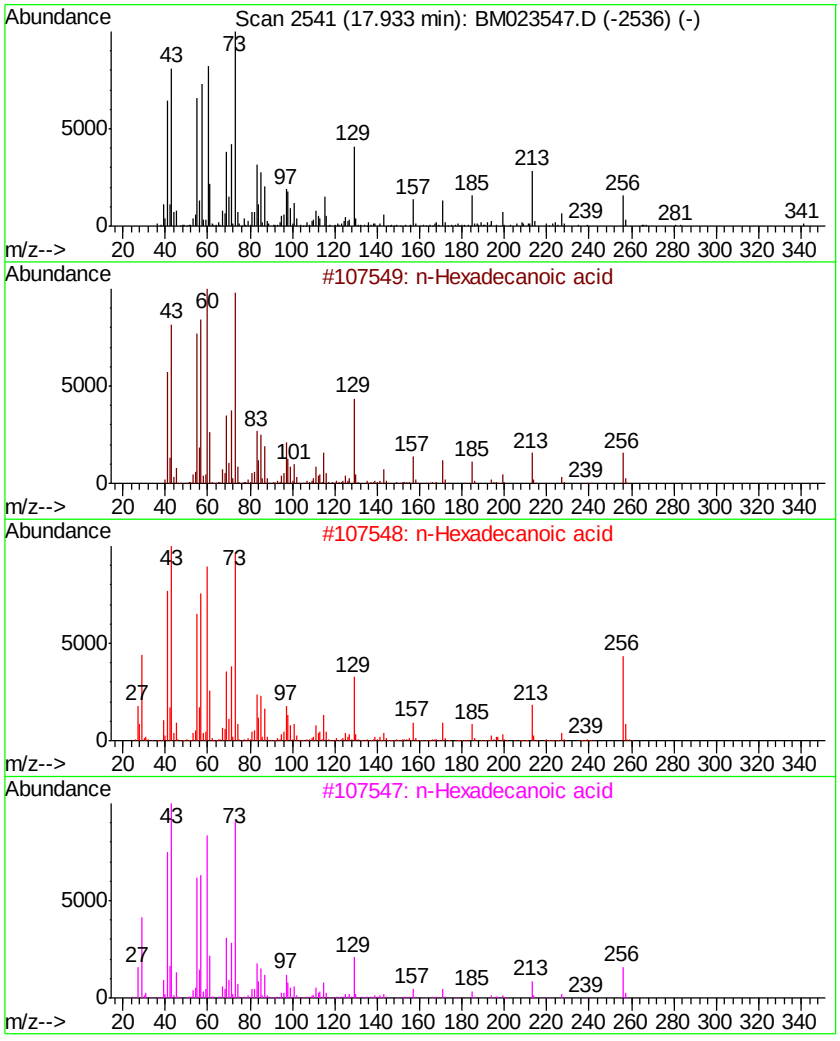

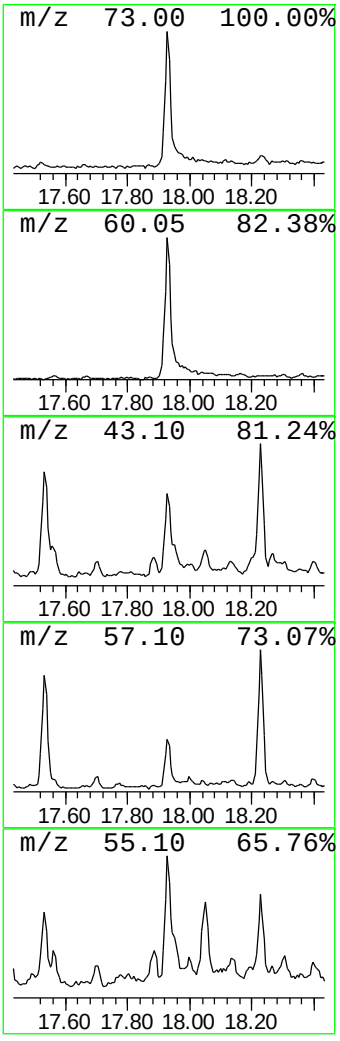

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Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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Quant Title : SVOA CALIBRATION

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

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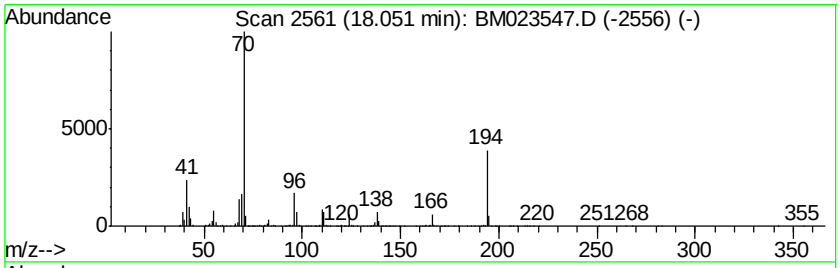
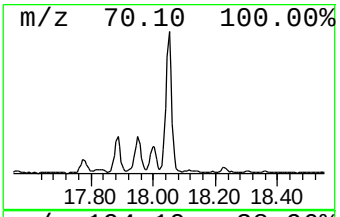
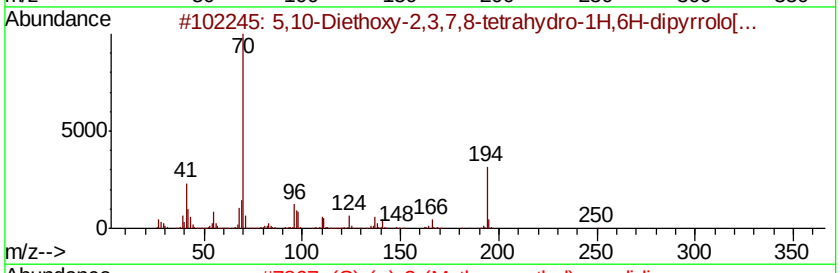
Peak Number 10 5,10-Diethoxy-2,3,7,8-tetra... Concentration Rank 10

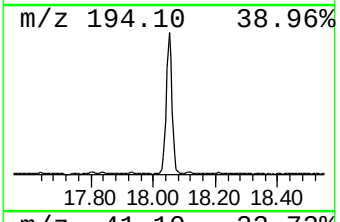
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.95 ng/ul	1161830	Phenanthrene-d10	17.00

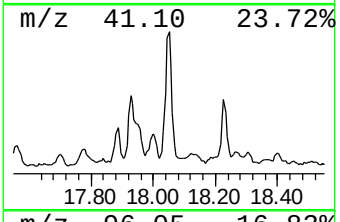
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,10-Diethoxy-2,3,7,8-tetrahydro...	250	C14H22N2O2	1000190-75-5	83
2	(S)-(+)-2-(Methoxymethyl)pyrroli...	115	C6H13NO	063126-47-6	35
3	2,7-Dimethyl-2,7-octadien-1-amine	153	C10H19N	077984-58-8	28
4	.+/-.-trans-2-Cyclohexene-1,4-diol	114	C6H10O2	041513-32-0	25
5	L-Proline, ethyl ester	143	C7H13NO2	005817-26-5	25

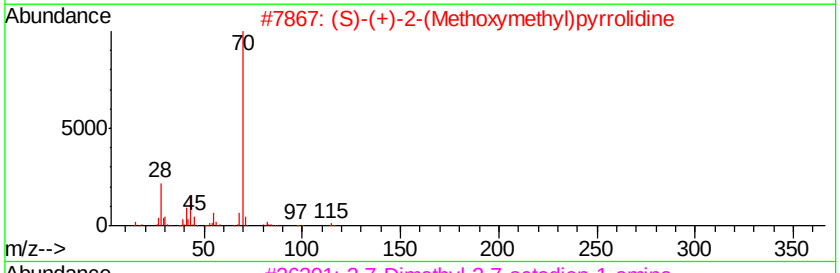


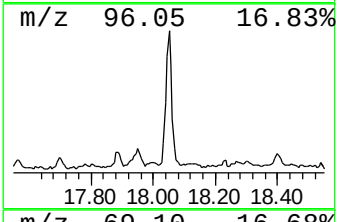


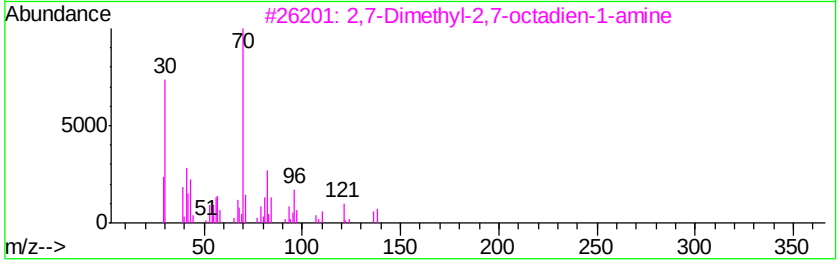


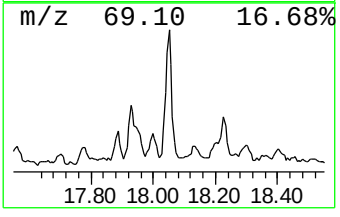












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Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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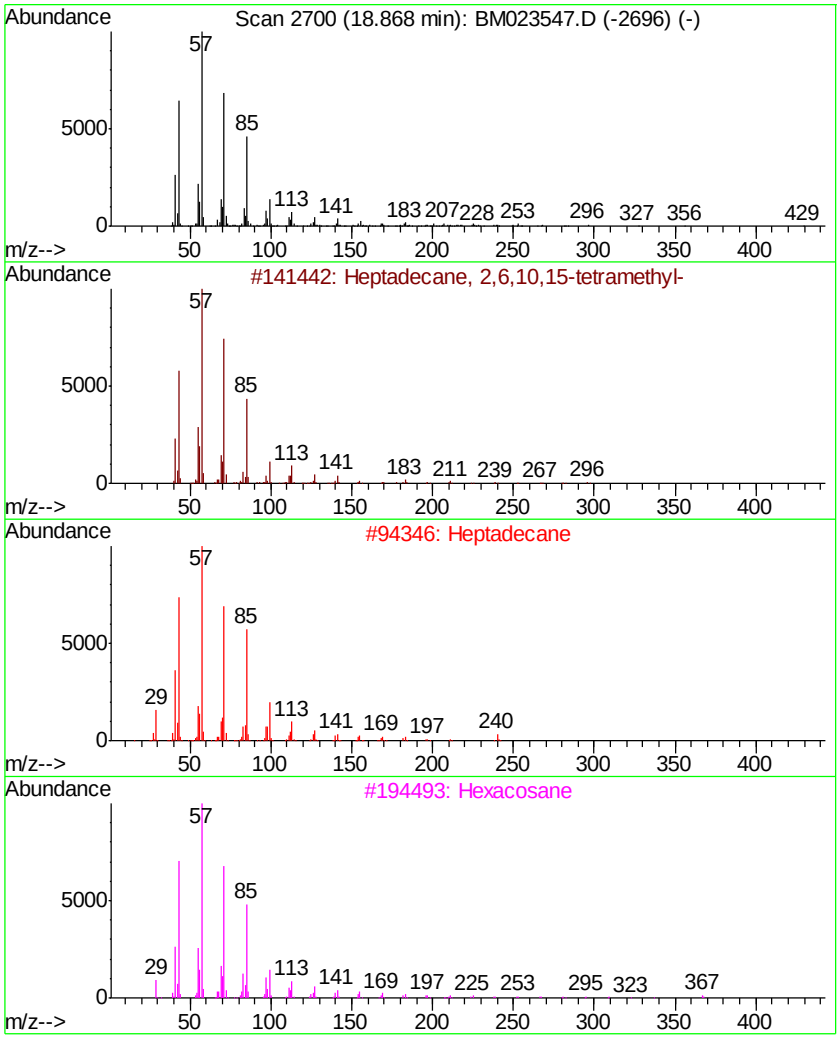
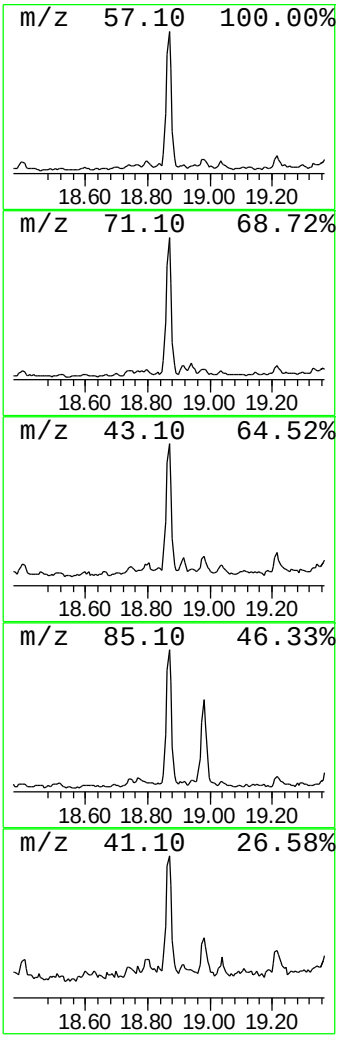
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.27 ng/ul	665524	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

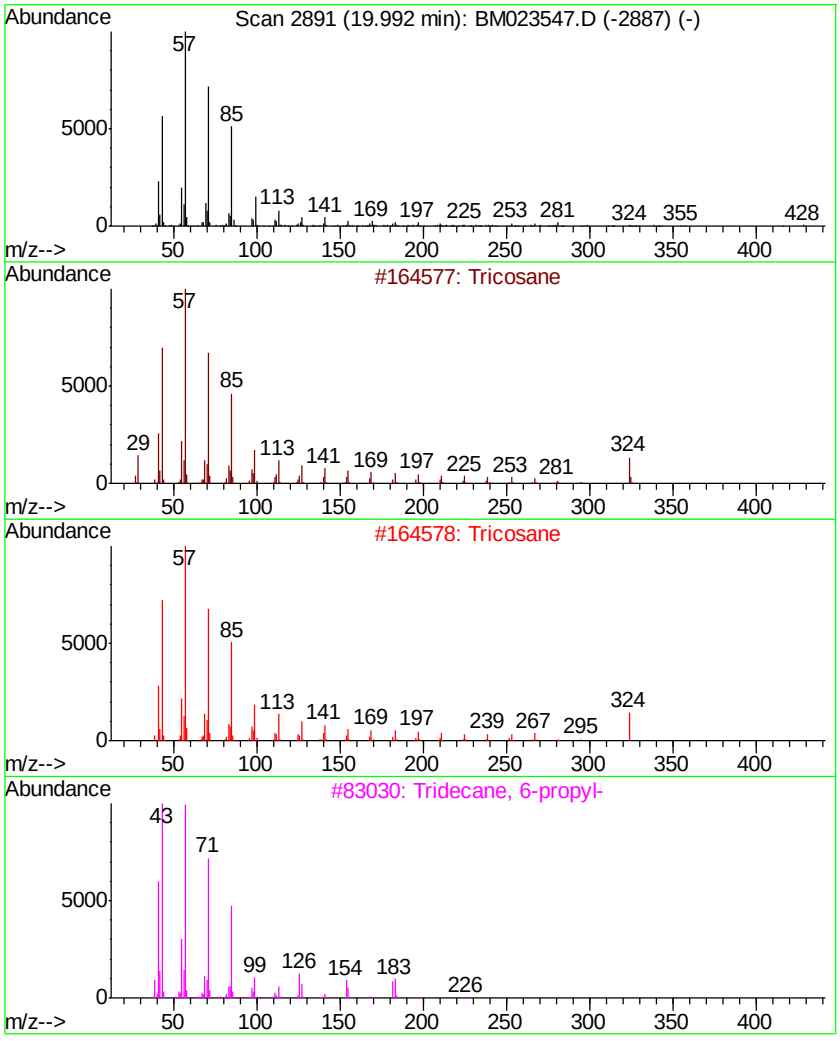
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

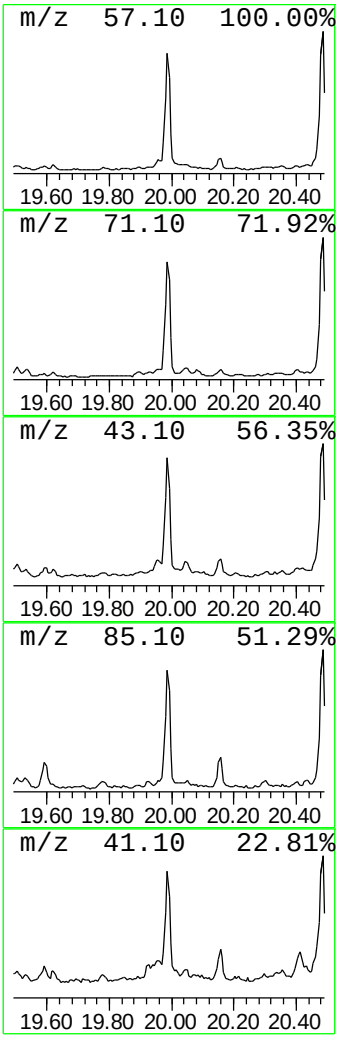
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.51 ng/ul	824460	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5	Docosane	310	C22H46	000629-97-0	76





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Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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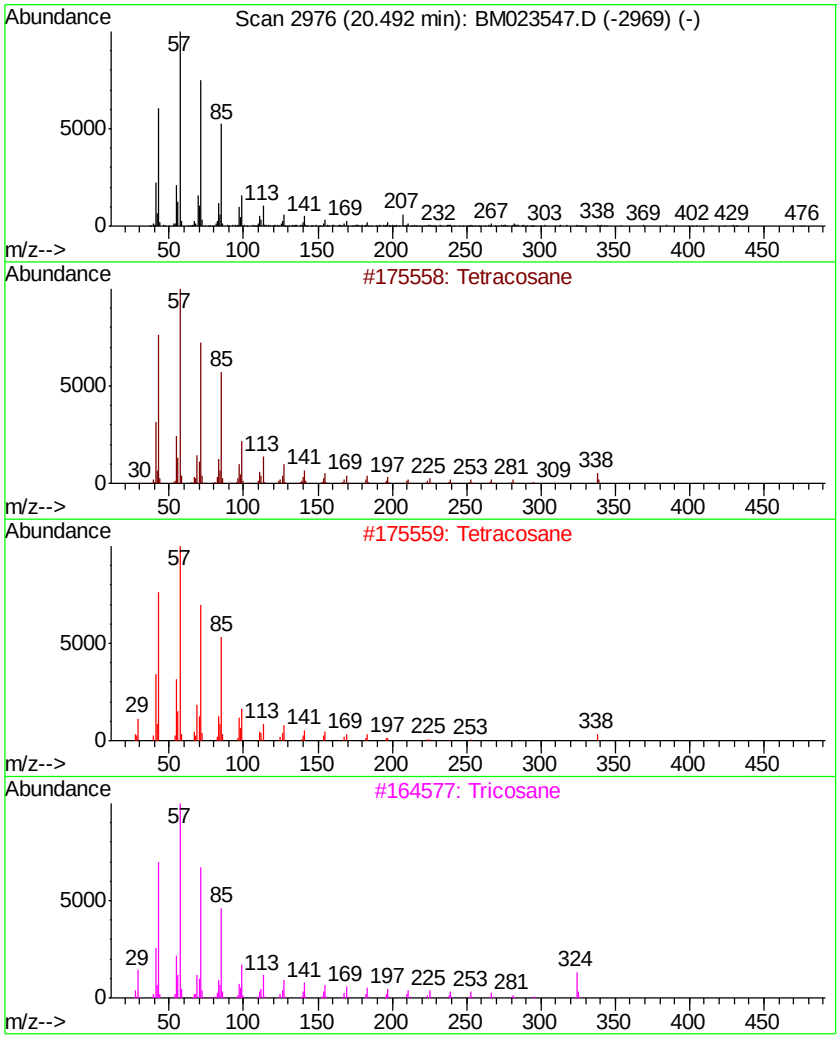
Quant Title : SVOA CALIBRATION

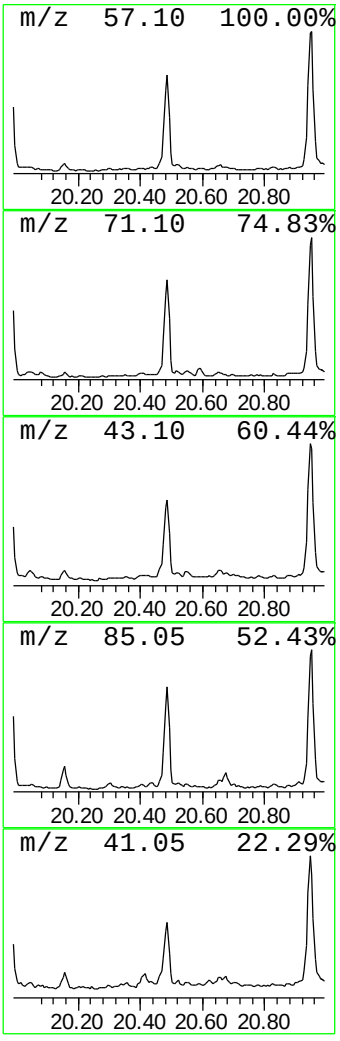
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	3.66 ng/ul	1203140	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	94
3	Tricosane	324	C23H48	000638-67-5	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

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Quant Title : SVOA CALIBRATION

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

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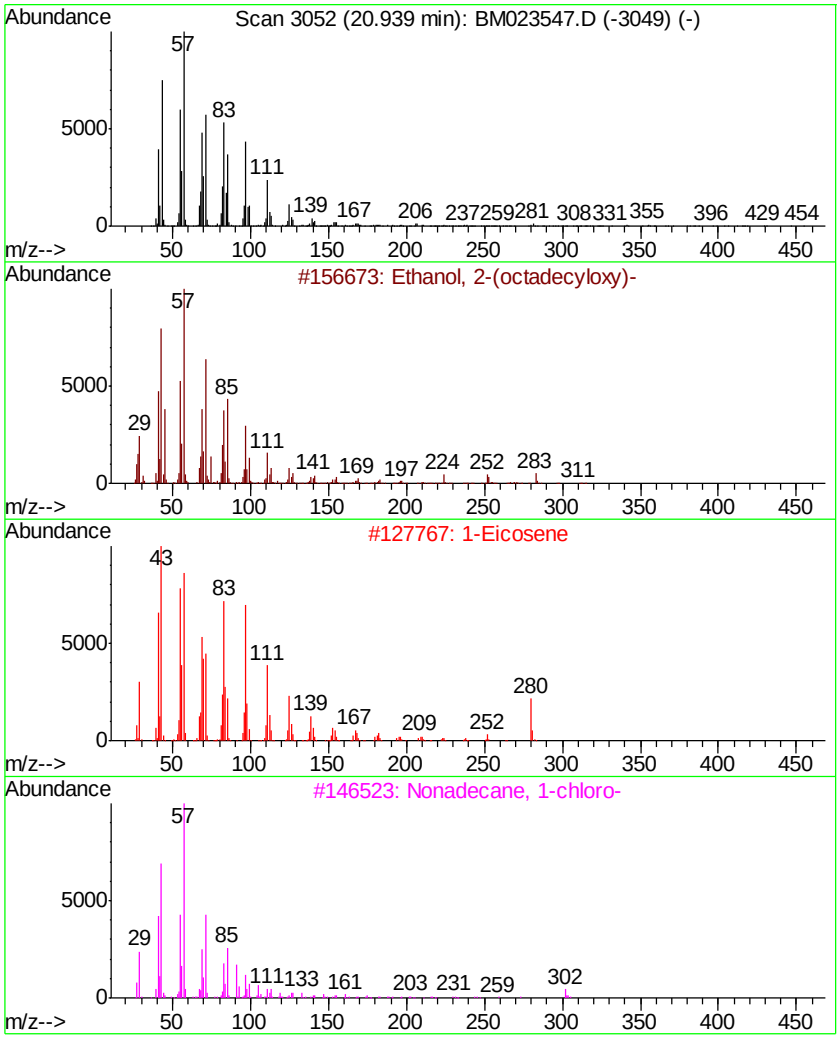
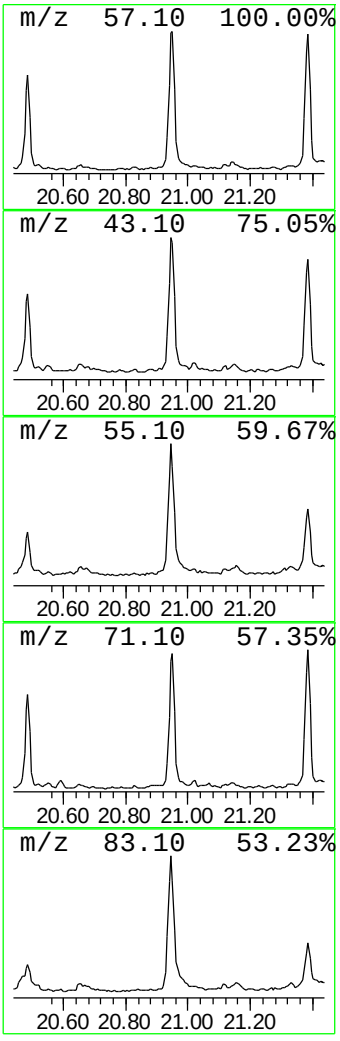
Peak Number 14 Ethanol, 2-(octadecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	8.44 ng/ul	2772590	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	93
2	1-Eicosene	280	C20H40	003452-07-1	92
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	91
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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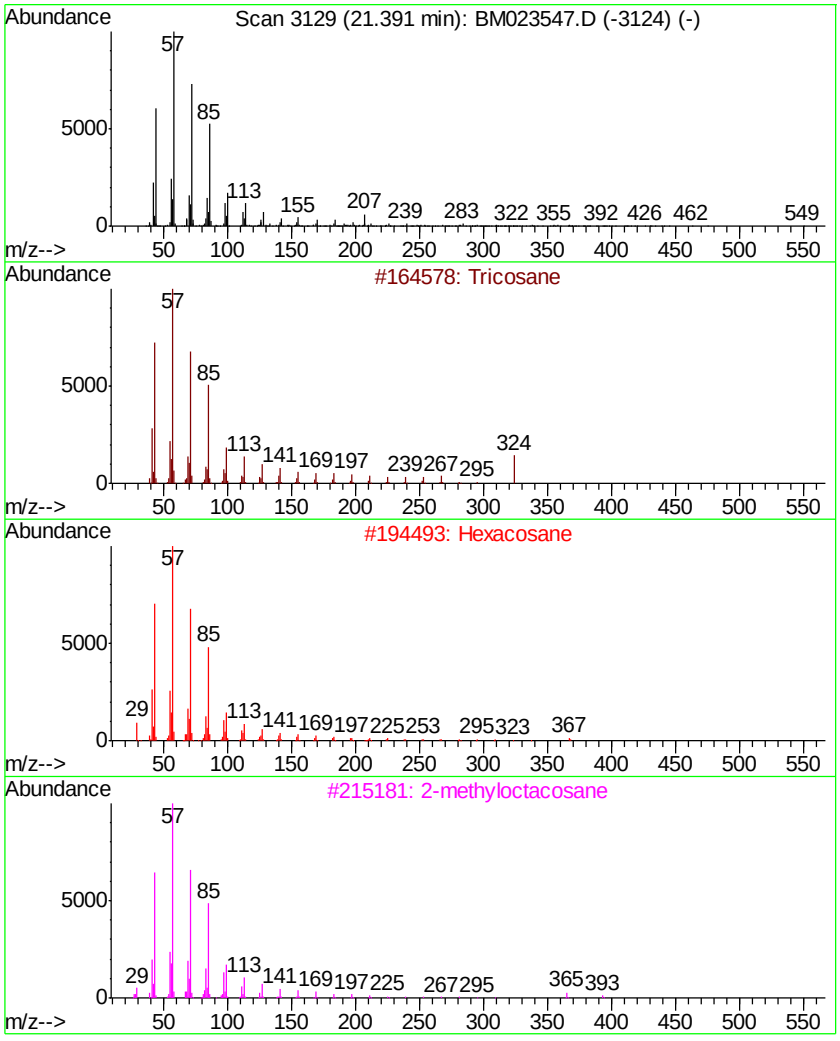
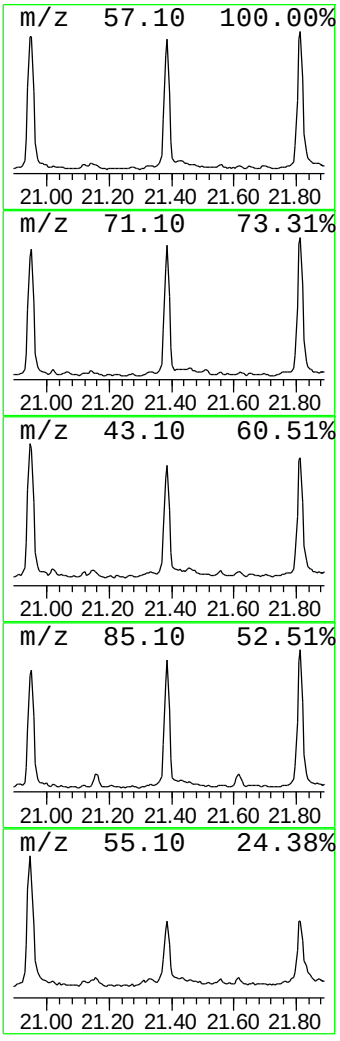
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.69 ng/ul	1539960	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane	310	C22H46	000629-97-0	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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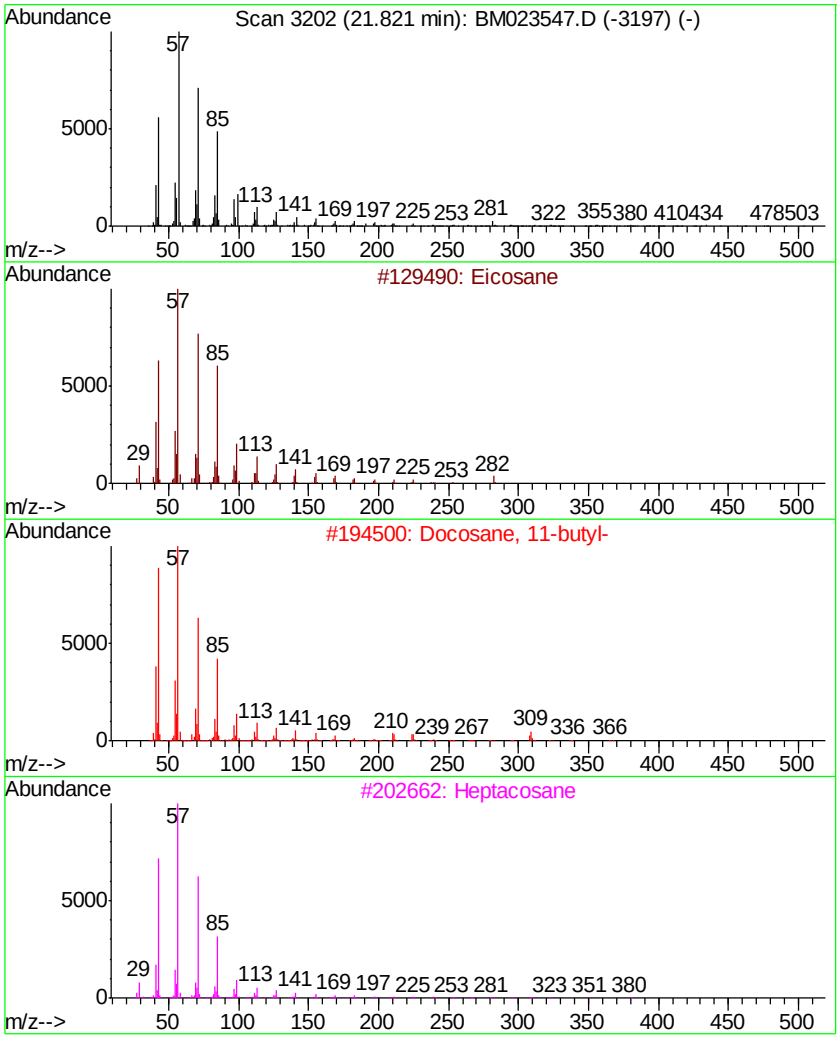
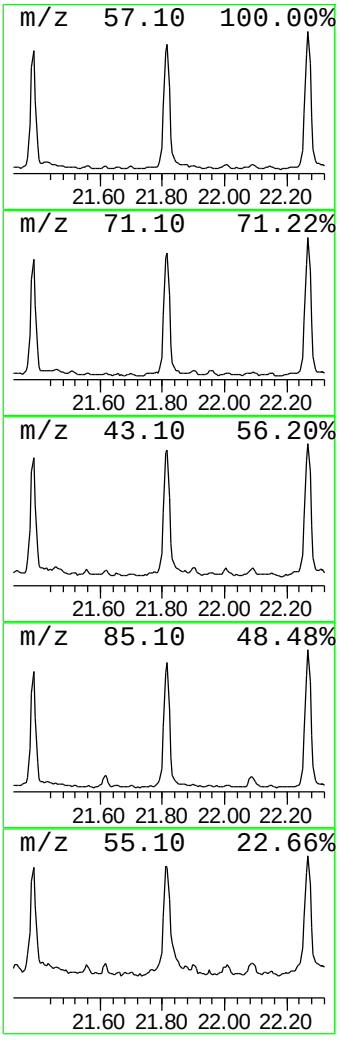
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	5.83 ng/ul	1914920	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Heptacosane	380	C27H56	000593-49-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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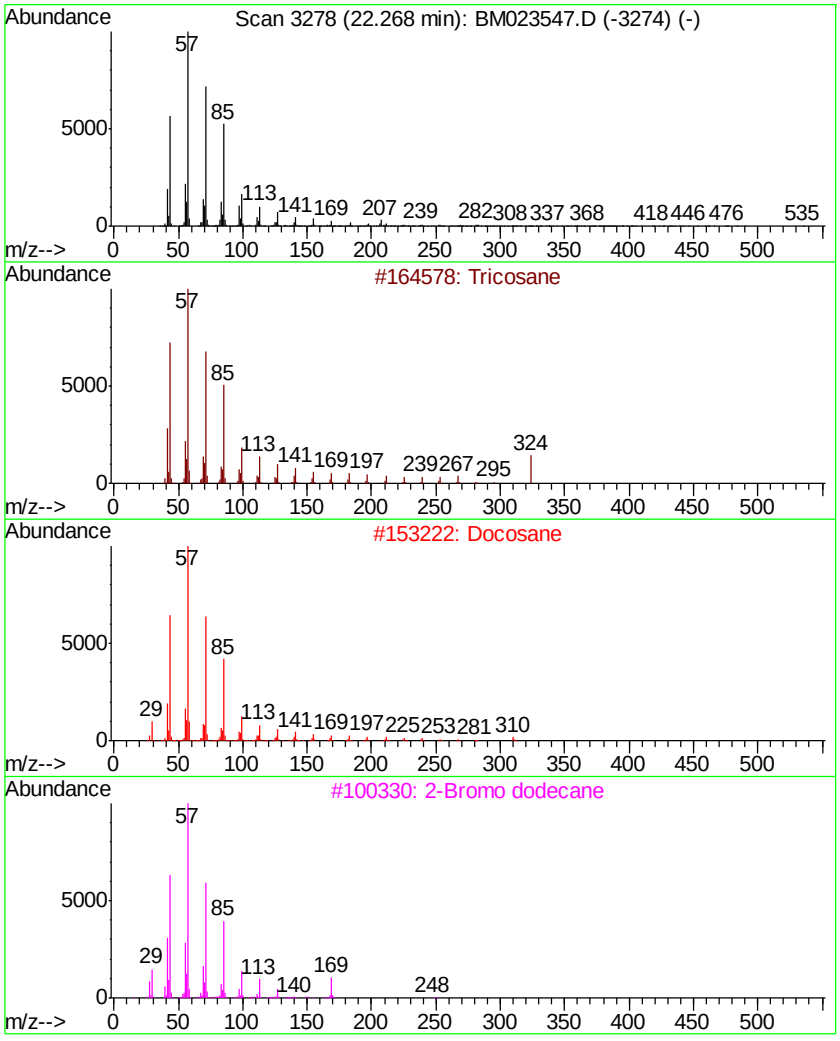
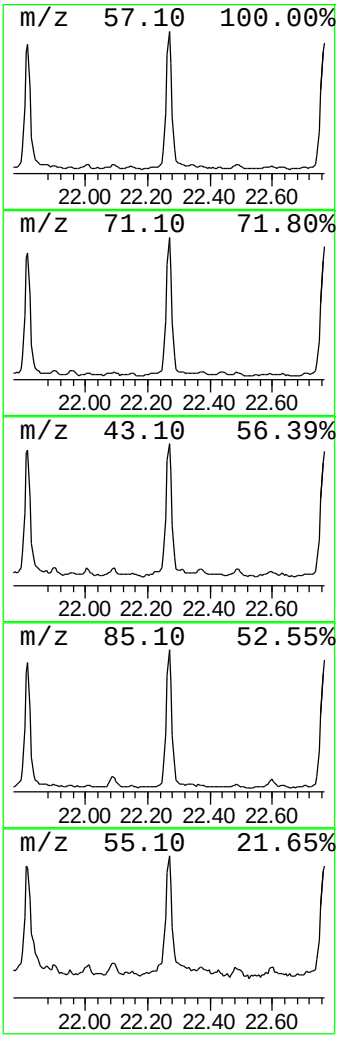
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	6.11 ng/ul	2006740	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Docosane	310	C22H46	000629-97-0	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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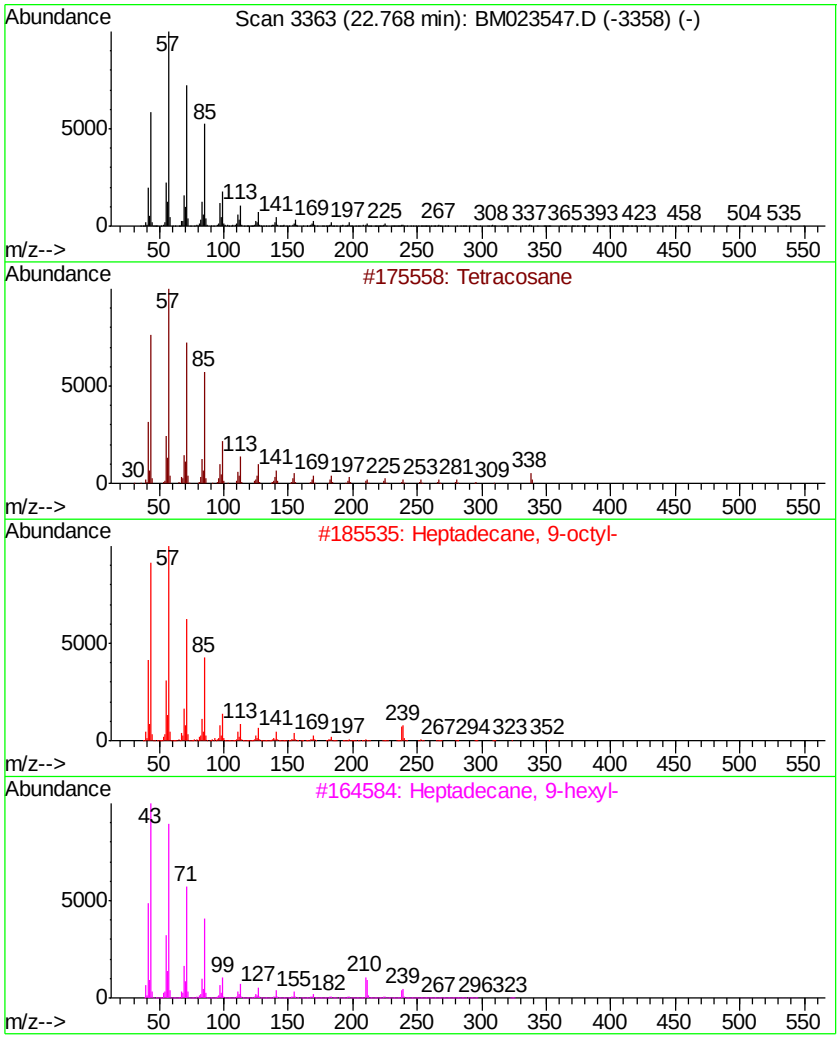
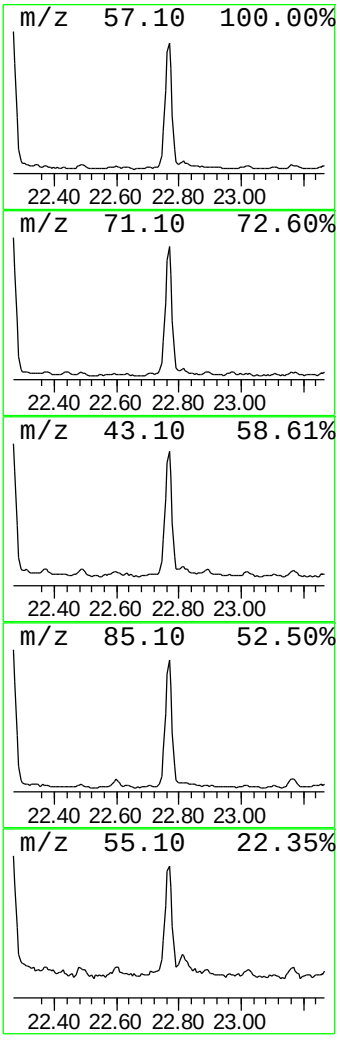
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	6.18 ng/ul	2201480	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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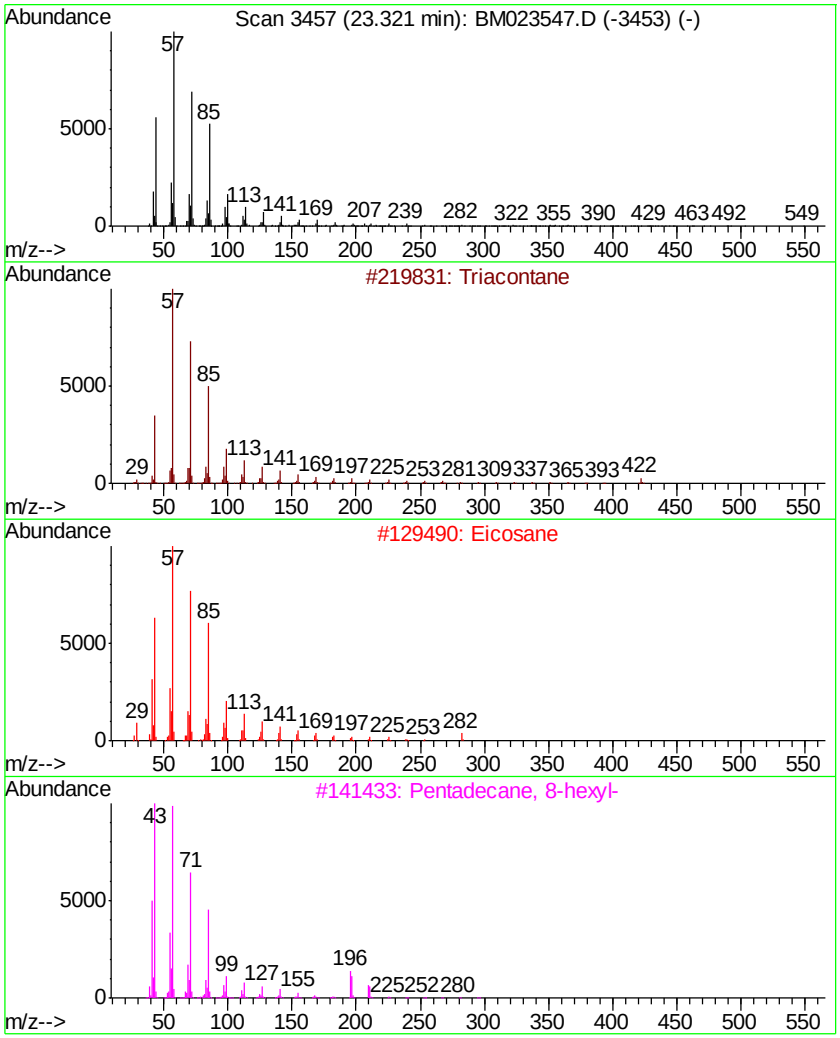
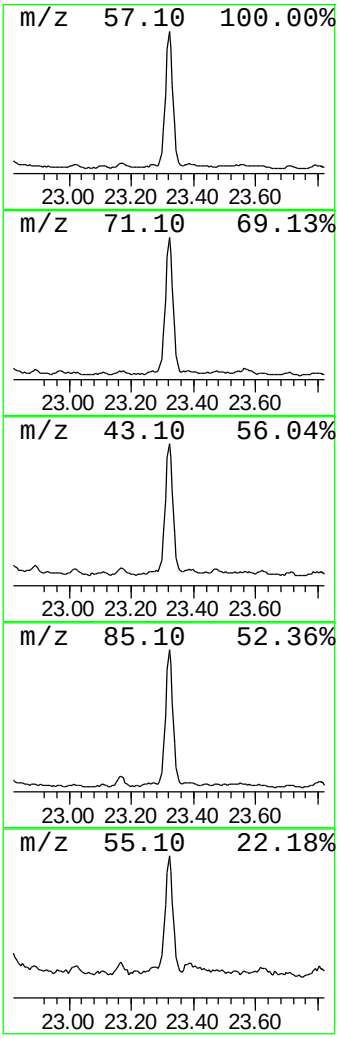
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	6.36 ng/ul	2266880	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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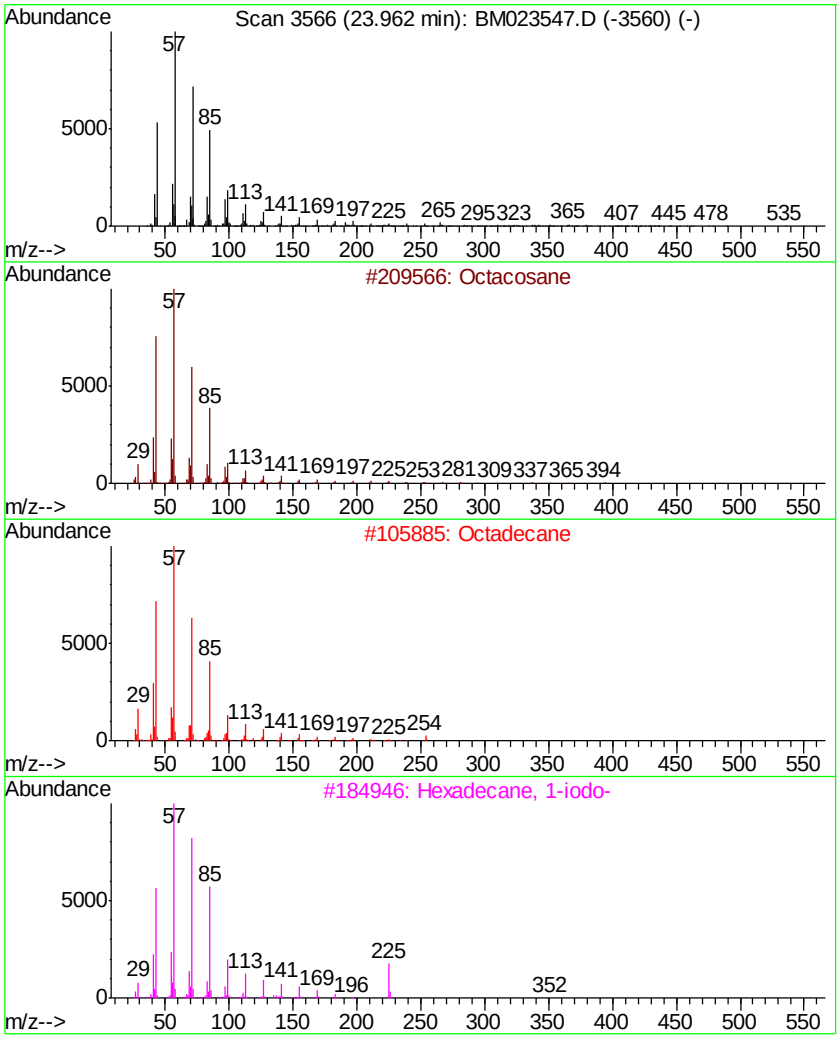
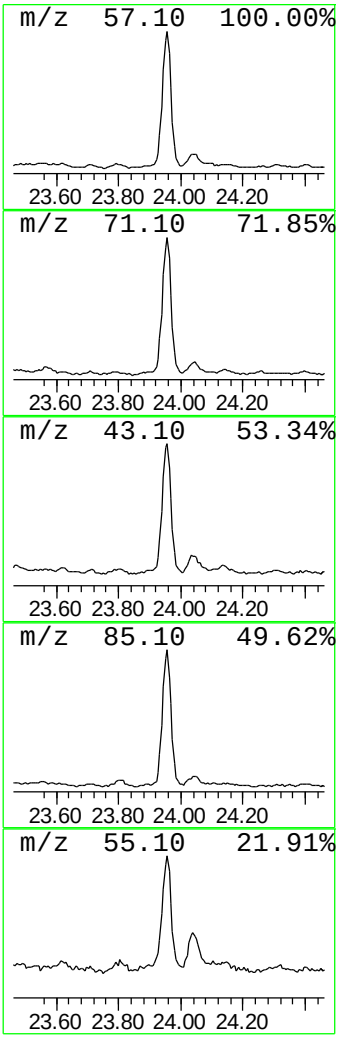
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	6.22 ng/ul	2216640	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Octadecane	254	C18H38	000593-45-3	96
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
4	Octacosane	394	C28H58	000630-02-4	93
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNG3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Pyridine	3.58	3.8	ng/ul	503244	1	7.61	2649880	20.0
Furfural	4.67	6.3	ng/ul	839618	1	7.61	2649880	20.0
2-Furancarboxalde...	6.66	8.3	ng/ul	1095830	1	7.61	2649880	20.0
Pyridine, 3-methoxy-	7.31	2.5	ng/ul	331971	1	7.61	2649880	20.0
Phenol, 2-methoxy-	8.70	2.7	ng/ul	360240	1	7.61	2649880	20.0
unknown-01	16.24	3.1	ng/ul	906489	4	17.00	5876370	20.0
unknown-02	16.30	3.8	ng/ul	1106270	4	17.00	5876370	20.0
(DEL) Alkane: Str...	17.53	2.4	ng/ul	714590	4	17.00	5876370	20.0
n-Hexadecanoic acid	17.93	2.5	ng/ul	718934	4	17.00	5876370	20.0
5,10-Diethoxy-2,3...	18.05	4.0	ng/ul	1161830	4	17.00	5876370	20.0
(DEL) Alkane: Str...	18.87	2.3	ng/ul	665524	4	17.00	5876370	20.0
(DEL) Alkane: Str...	19.99	2.5	ng/ul	824460	5	21.20	6570320	20.0
(DEL) Alkane: Str...	20.49	3.7	ng/ul	1203140	5	21.20	6570320	20.0
Ethanol, 2-(octad...	20.94	8.4	ng/ul	2772590	5	21.20	6570320	20.0
(DEL) Alkane: Str...	21.39	4.7	ng/ul	1539960	5	21.20	6570320	20.0
(DEL) Alkane: Str...	21.82	5.8	ng/ul	1914920	5	21.20	6570320	20.0
(DEL) Alkane: Str...	22.27	6.1	ng/ul	2006740	5	21.20	6570320	20.0
(DEL) Alkane: Str...	22.77	6.2	ng/ul	2201480	6	23.39	7128170	20.0
(DEL) Alkane: Str...	23.32	6.4	ng/ul	2266880	6	23.39	7128170	20.0
(DEL) Alkane: Str...	23.96	6.2	ng/ul	2216640	6	23.39	7128170	20.0