LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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	3.046	7	10	12	rVB	104297	102381	0.22%	0.058%
2	3.081	12	16	23	rVB	2393684	2372913	5.13%	1.335%
3	3.410	68	72	78	rVB2	126775	162739	0.35%	0.092%
4	3.869	144	150	161	rVB	20497645	26189081	56.58%	14.735%
5	5.169	366	371	377	rVB	317713	447313	0.97%	0.252%
6	5.299	387	393	403	rVB	877978	1496427	3.23%	0.842%
7	5.663	449	455	463	rVB	332156	529180	1.14%	0.298%
8	6.551	600	606	613	rVB2	52164	86954	0.19%	0.049%
9	6.816	647	651	658	rBV4	37456	71214	0.15%	0.040%
10	7.275	724	729	737	rBV2	255859	386937	0.84%	0.218%
11	7.516	763	770	777	rBV	1149785	1813961	3.92%	1.021%
12	7.628	783	789	792	rBV	2255982	3585670	7.75%	2.017%
13	7.663	792	795	799	rVV	1726989	2550216	5.51%	1.435%
14	7.704	799	802	815	rVB	1404541	2124065	4.59%	1.195%
15	7.975	842	848	856	rVV	3629511	5866736	12.68%	3.301%
16	8.081	860	866	870	rBV6	49267	79357	0.17%	0.045%
17	8.181	876	883	888	rVB2	129873	221477	0.48%	0.125%
18	8.240	888	893	896	rBV	90040	132877	0.29%	0.075%
19	8.310	901	905	915	rVB	136554	246085	0.53%	0.138%
20	8.410	915	922	934	rBV3	150467	324810	0.70%	0.183%
21	8.734	969	977	988	rVB3	51248	127074	0.27%	0.071%
22	8.875	996	1001	1006	rVV	516562	757052	1.64%	0.426%
23	8.987	1012	1020	1027	rVB7	58025	157078	0.34%	0.088%
24	9.051	1027	1031	1037	rBV8	33164	85596	0.18%	0.048%
25	9.134	1037	1045	1052	rVB4	68726	186580	0.40%	0.105%
26	9.222	1052	1060	1064	rBV7	38621	98649	0.21%	0.056%
27	9.310	1073	1075	1085	rVB2	56880	114818	0.25%	0.065%
28	9.404	1085	1091	1100	rVB5	41800	113543	0.25%	0.064%
29	9.516	1104	1110	1115	rBV5	47608	115696	0.25%	0.065%
30	9.598	1121	1124	1126	rVV2	49998	68357	0.15%	0.038%
31	9.634	1126	1130	1137	rVB4	87789	162330	0.35%	0.091%
32	9.722	1137	1145	1152	rVB4	78898	163254	0.35%	0.092%
33	9.787	1152	1156	1161	rBV3	85397	144338	0.31%	0.081%
34	9.869	1161	1170	1173	rVV3	140591	278739	0.60%	0.157%

LSC Area Percent Report

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Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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	9.898	1173	1175	1183	rVB2	197466	280264	0.61%	0.158%
36	9.975	1183	1188	1192	rBV2	95958	155652	0.34%	0.088%
37	10.051	1198	1201	1206	rVB2	48075	77095	0.17%	0.043%
38	10.210	1219	1228	1232	rBV5	30321	69010	0.15%	0.039%
39	10.281	1232	1240	1247	rBV2	743582	1519209	3.28%	0.855%
40	10.410	1253	1262	1268	rBV	2971823	5043416	10.90%	2.838%
41	10.457	1268	1270	1275	rVB2	53633	72796	0.16%	0.041%
42	10.604	1291	1295	1299	rBV2	45980	64521	0.14%	0.036%
43	10.728	1311	1316	1319	rBV3	53258	72907	0.16%	0.041%
44	10.775	1319	1324	1332	rVV2	270275	644304	1.39%	0.363%
45	10.869	1336	1340	1345	rVB3	41227	76445	0.17%	0.043%
46	10.957	1349	1355	1361	rBV	295098	446026	0.96%	0.251%
47	11.033	1363	1368	1376	rVB	363587	567580	1.23%	0.319%
48	11.245	1395	1404	1410	rBV2	1929145	3247952	7.02%	1.827%
49	11.439	1432	1437	1442	rBV	194668	357982	0.77%	0.201%
50	11.498	1442	1447	1450	rVV	373267	639816	1.38%	0.360%
51	11.539	1450	1454	1462	rVB2	345014	647749	1.40%	0.364%
52	11.775	1484	1494	1502	rVB2	110794	240371	0.52%	0.135%
53	11.869	1504	1510	1517	rVV2	70466	117582	0.25%	0.066%
54	11.998	1527	1532	1534	rBV2	69679	114752	0.25%	0.065%
55	12.033	1535	1538	1543	rVB2	101661	161092	0.35%	0.091%
56	12.128	1550	1554	1557	rBV	54258	68317	0.15%	0.038%
57	12.233	1567	1572	1575	rBV	64320	108232	0.23%	0.061%
58	12.316	1581	1586	1591	rVB2	76599	133612	0.29%	0.075%
59	12.428	1600	1605	1608	rBV	64312	103570	0.22%	0.058%
60	12.469	1608	1612	1619	rVB	109822	181499	0.39%	0.102%
61	12.633	1636	1640	1645	rVB	68272	100811	0.22%	0.057%
62	12.698	1646	1651	1660	rVB3	103738	214275	0.46%	0.121%
63	12.927	1685	1690	1695	rVB3	50089	73521	0.16%	0.041%
64	13.069	1707	1714	1717	rBV7	47220	74967	0.16%	0.042%
65	13.645	1809	1812	1818	rVB6	63303	97601	0.21%	0.055%
66	13.710	1818	1823	1826	rBV2	153700	235631	0.51%	0.133%
67	13.739	1826	1828	1833	rVV	160677	224802	0.49%	0.126%
68	13.792	1833	1837	1841	rVV3	78480	142093	0.31%	0.080%
69	13.833	1841	1844	1854	rVB9	45078	94840	0.20%	0.053%
70	14.027	1869	1877	1882	rBV8	56535	132398	0.29%	0.074%
71	14.122	1889	1893	1901	rVB4	179397	279643	0.60%	0.157%

LSC Area Percent Report

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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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	14.198	1902	1906	1910	rBV5	39086	75223	0.16%	0.042%
73	14.280	1912	1920	1926	rBV	3803650	5932043	12.82%	3.338%
74	14.380	1933	1937	1942	rBV5	48574	93201	0.20%	0.052%
75	14.539	1960	1964	1969	rVB	313578	409041	0.88%	0.230%
76	14.839	2010	2015	2020	rBV6	68693	122042	0.26%	0.069%
77	14.951	2031	2034	2039	rVB5	88593	131873	0.28%	0.074%
78	15.016	2041	2045	2050	rBV5	71425	108790	0.24%	0.061%
79	15.080	2052	2056	2063	rVB2	234352	358424	0.77%	0.202%
80	15.786	2171	2176	2181	rBV8	64808	169034	0.37%	0.095%
81	16.016	2211	2215	2218	rBV	259817	381725	0.82%	0.215%
82	16.057	2219	2222	2228	rVB2	258939	359546	0.78%	0.202%
83	17.021	2381	2386	2393	rBV2	4389797	6308320	13.63%	3.549%
84	18.580	2647	2651	2655	rVB	370209	501117	1.08%	0.282%
85	19.574	2817	2820	2826	rVB	416332	492467	1.06%	0.277%
86	19.674	2833	2837	2843	rVB	2153771	2603591	5.63%	1.465%
87	19.880	2869	2872	2875	rVB2	144106	166106	0.36%	0.093%
88	20.009	2891	2894	2897	rVB2	188371	192911	0.42%	0.109%
89	20.051	2898	2901	2902	rVV2	300565	288144	0.62%	0.162%
90	20.086	2902	2907	2911	rVV	10210845	12179332	26.31%	6.853%
91	20.139	2911	2916	2923	rVB	10272679	12666690	27.37%	7.127%
92	20.309	2942	2945	2952	rVB	424978	516214	1.12%	0.290%
93	20.527	2975	2982	2987	rBV	38162729	46285286	100.00%	26.042%
94	20.968	3053	3057	3061	rBV	838950	928788	2.01%	0.523%
95	21.215	3094	3099	3105	rBV	6084865	7399174	15.99%	4.163%
96	21.403	3128	3131	3138	rBV	790362	866660	1.87%	0.488%
97	21.833	3201	3204	3209	rBV	588962	708791	1.53%	0.399%
98	22.292	3279	3282	3287	rVB2	499016	604358	1.31%	0.340%
99	22.792	3365	3367	3375	rVB	494733	676407	1.46%	0.381%
100	23.409	3467	3472	3481	rVB2	4324945	7964103	17.21%	4.481%

Sum of corrected areas: 177735231

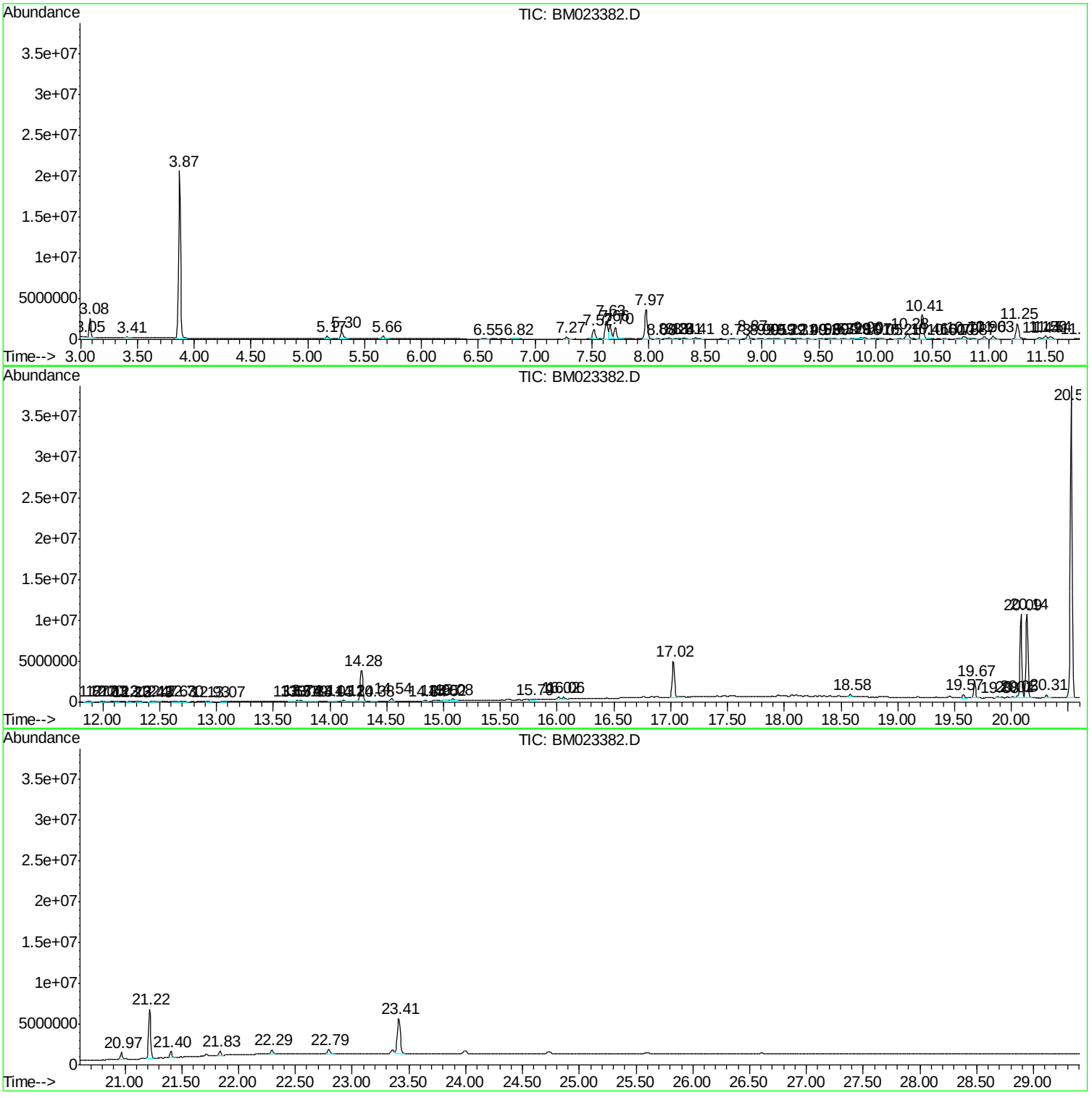
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ4

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
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Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

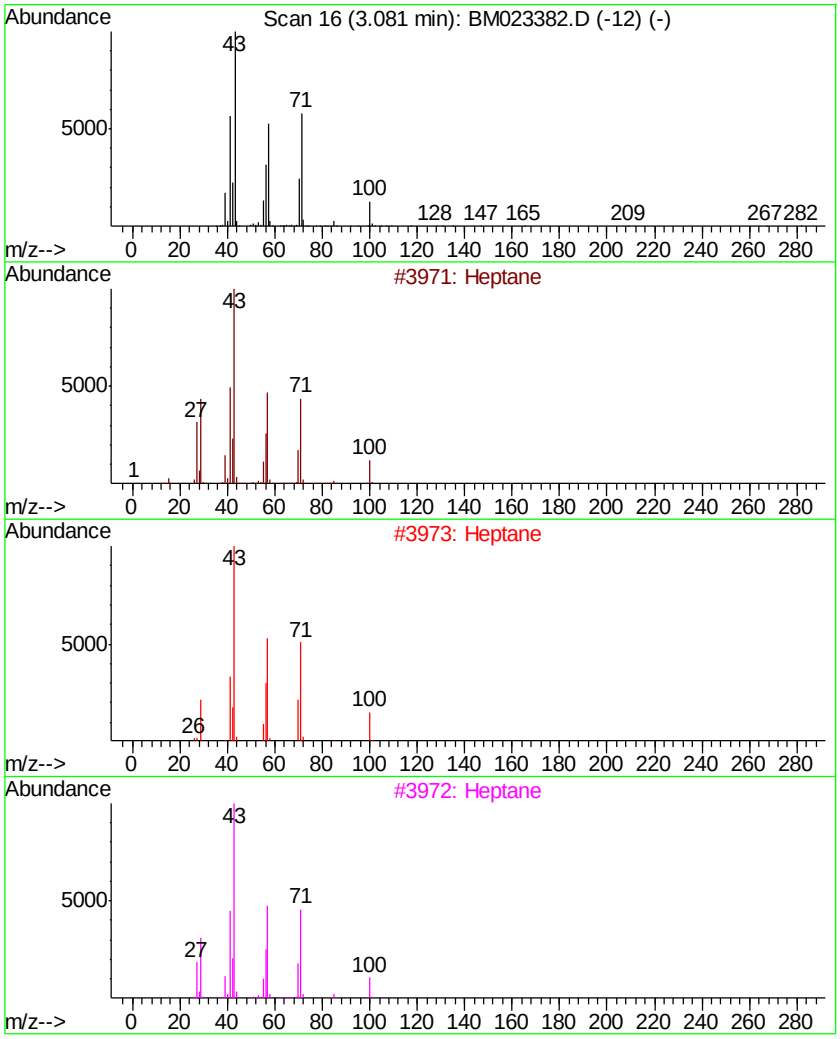
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

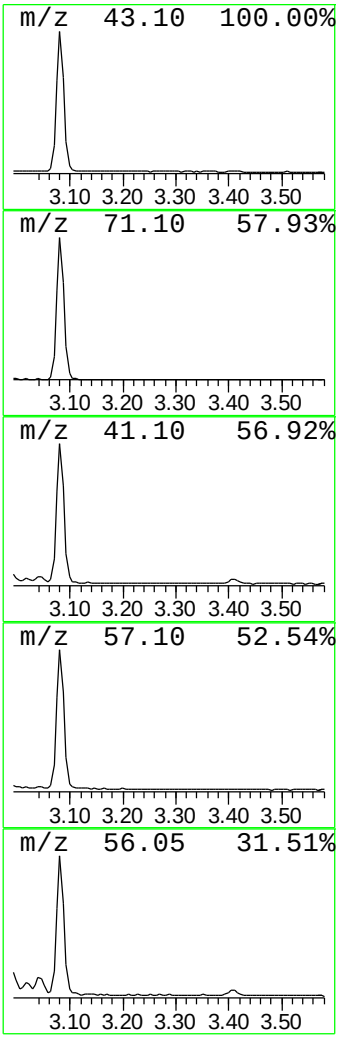
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	13.24 ng/ul	2372910	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

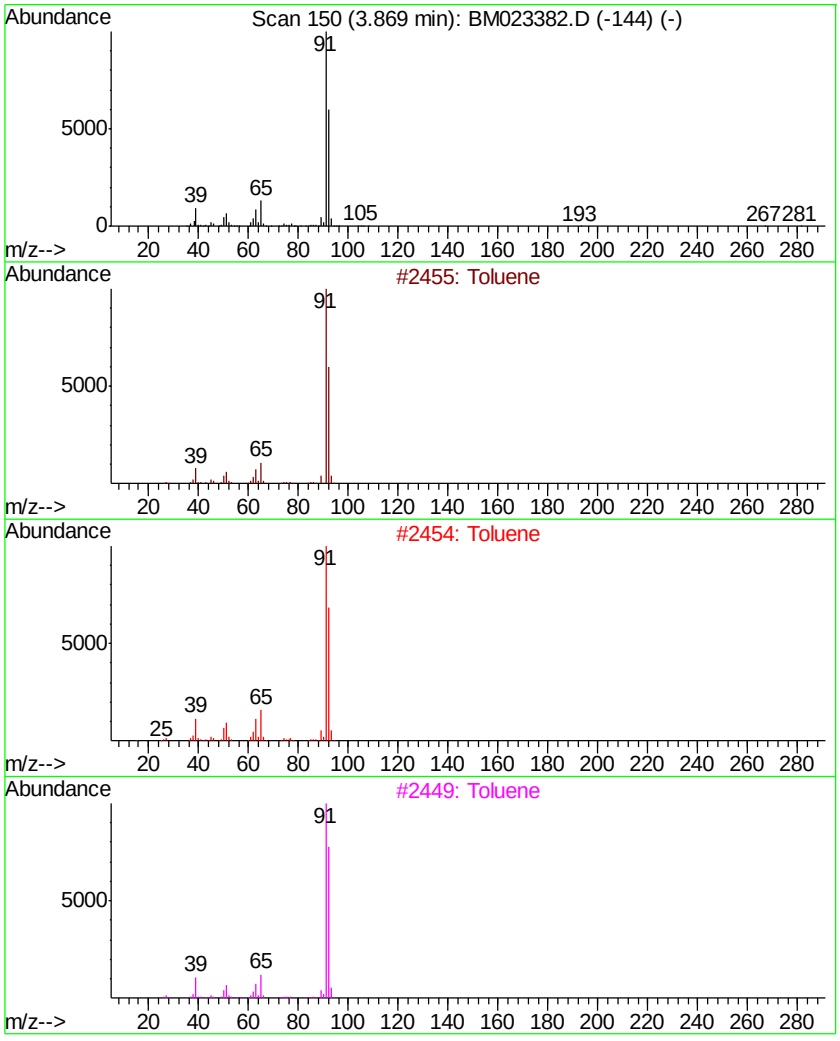
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

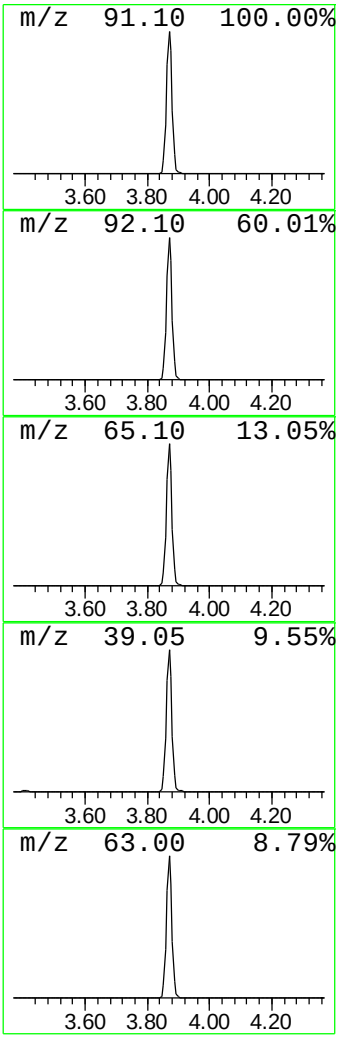
****

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	146.08 ng/ul	26189100	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	95
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

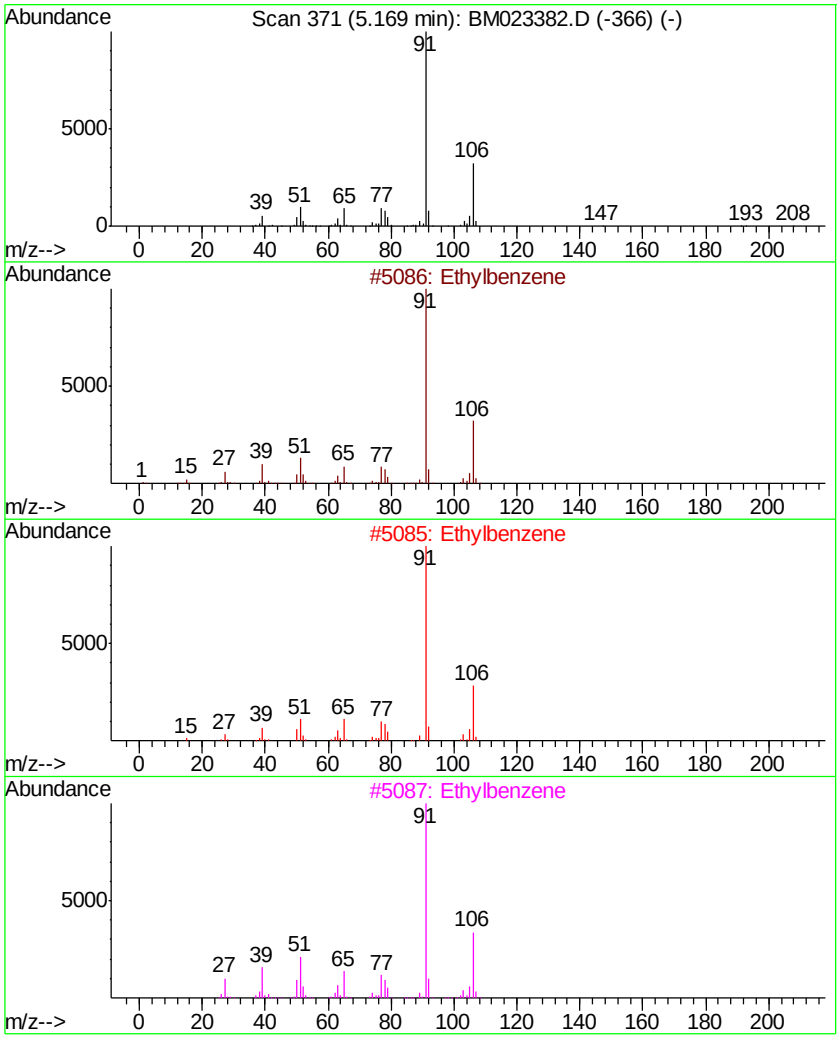
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

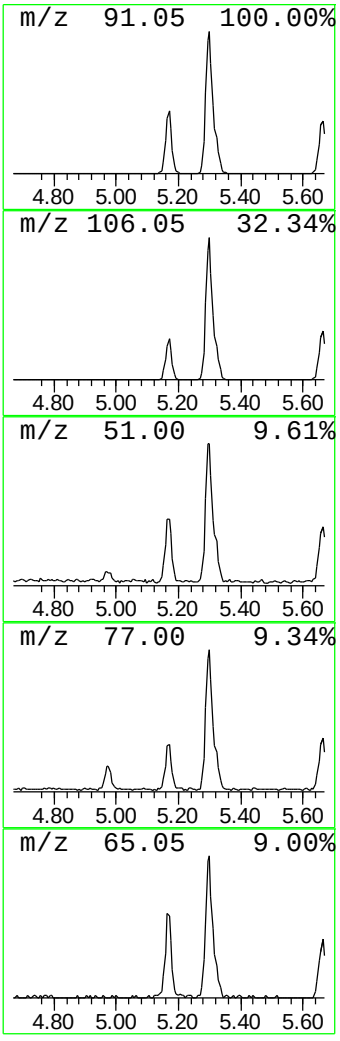
****

Peak Number 3 Ethylbenzene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	2.50 ng/ul	447313	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76





Library Search Compound Report

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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

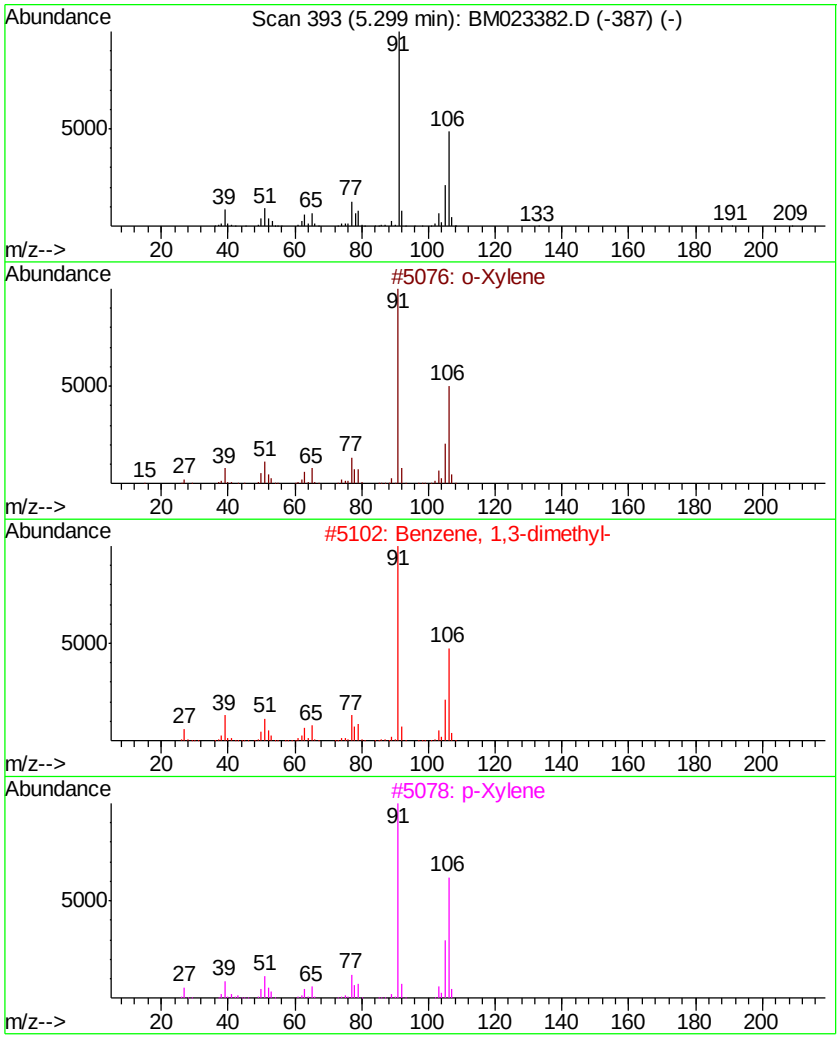
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

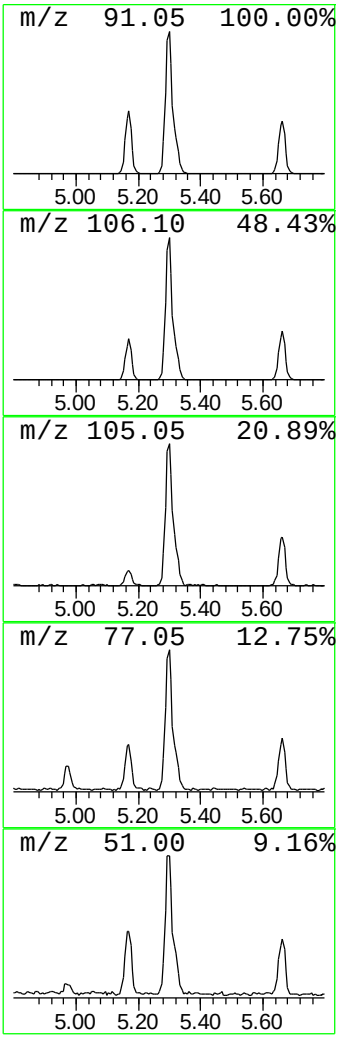
****

Peak Number 4 o-Xylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	8.35 ng/ul	1496430	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Library Search Compound Report

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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
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Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

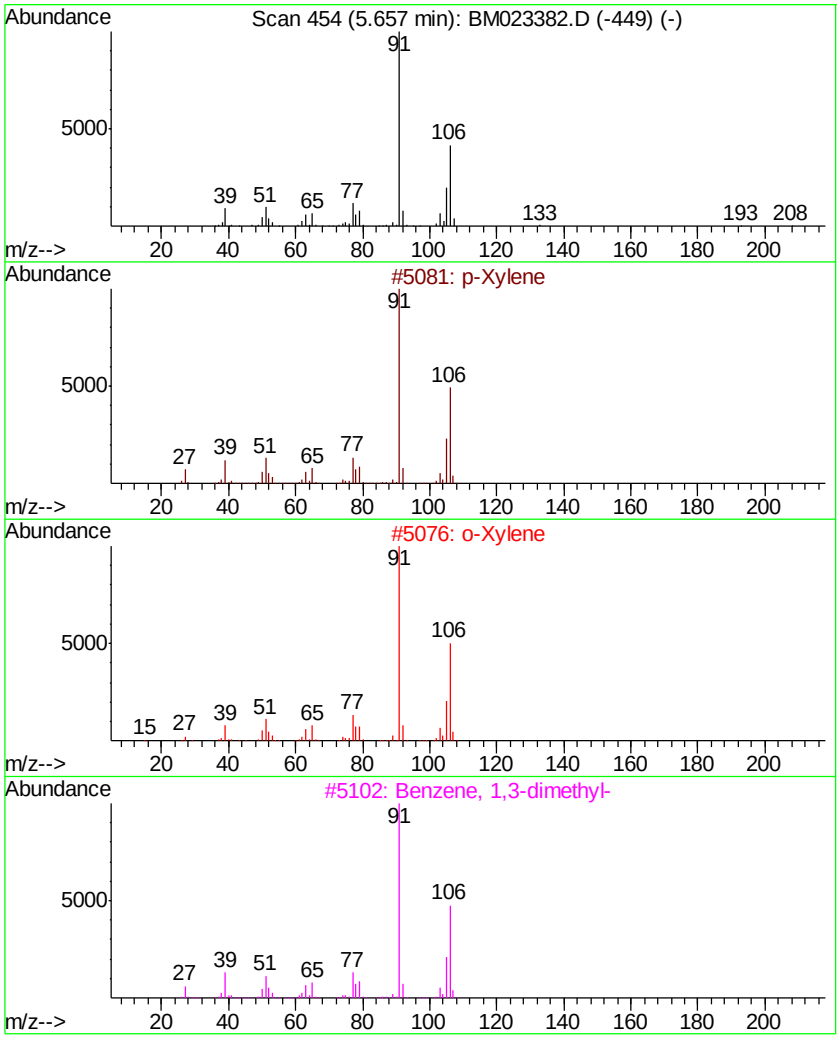
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

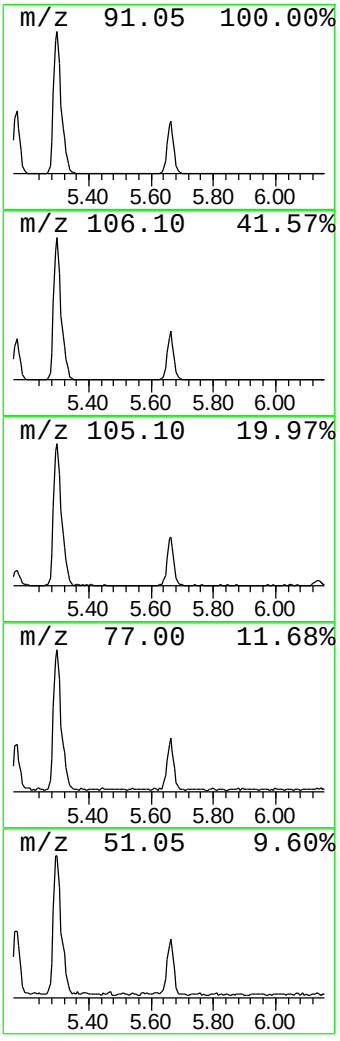
****

Peak Number 5 p-Xylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	2.95 ng/ul	529180	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

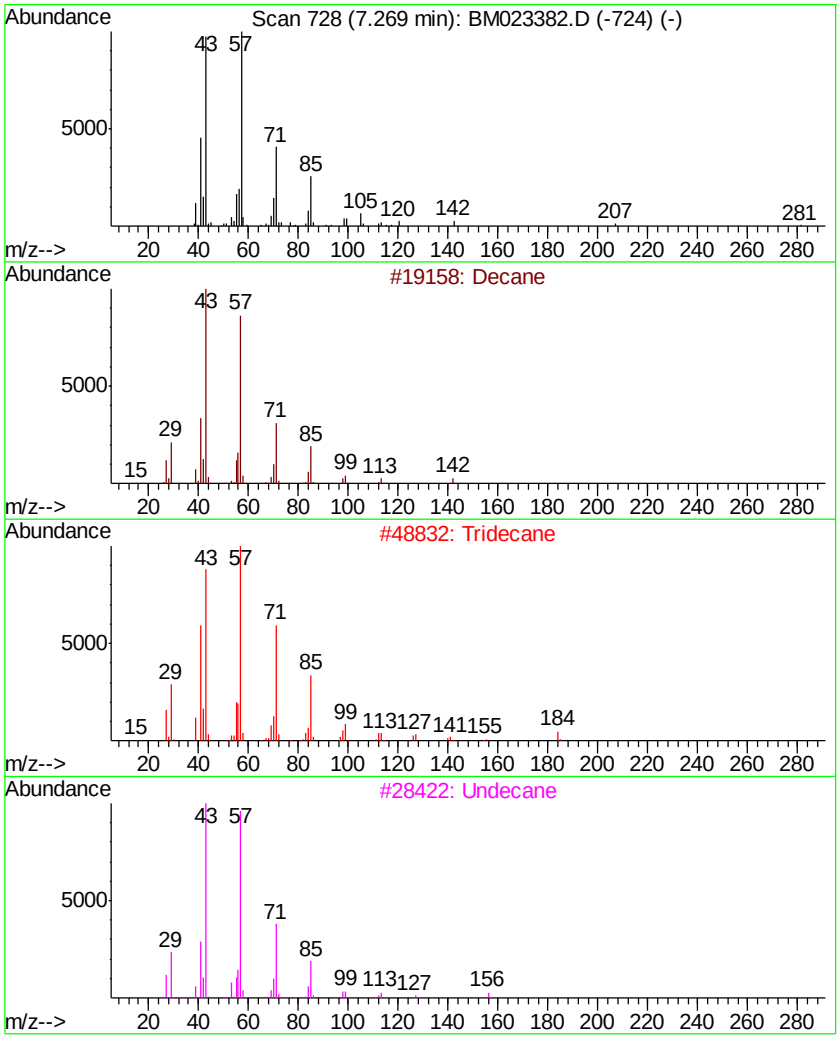
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

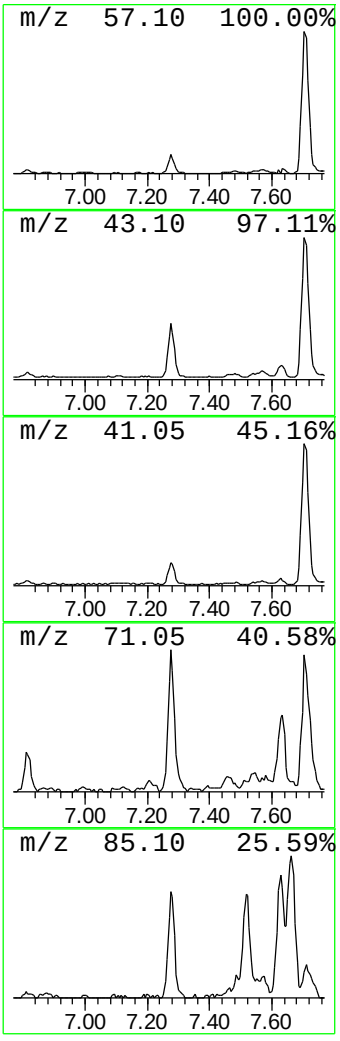
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	2.16 ng/ul	386937	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Undecane	156	C11H24	001120-21-4	72
4	Undecane	156	C11H24	001120-21-4	72
5	Tridecane	184	C13H28	000629-50-5	59





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Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

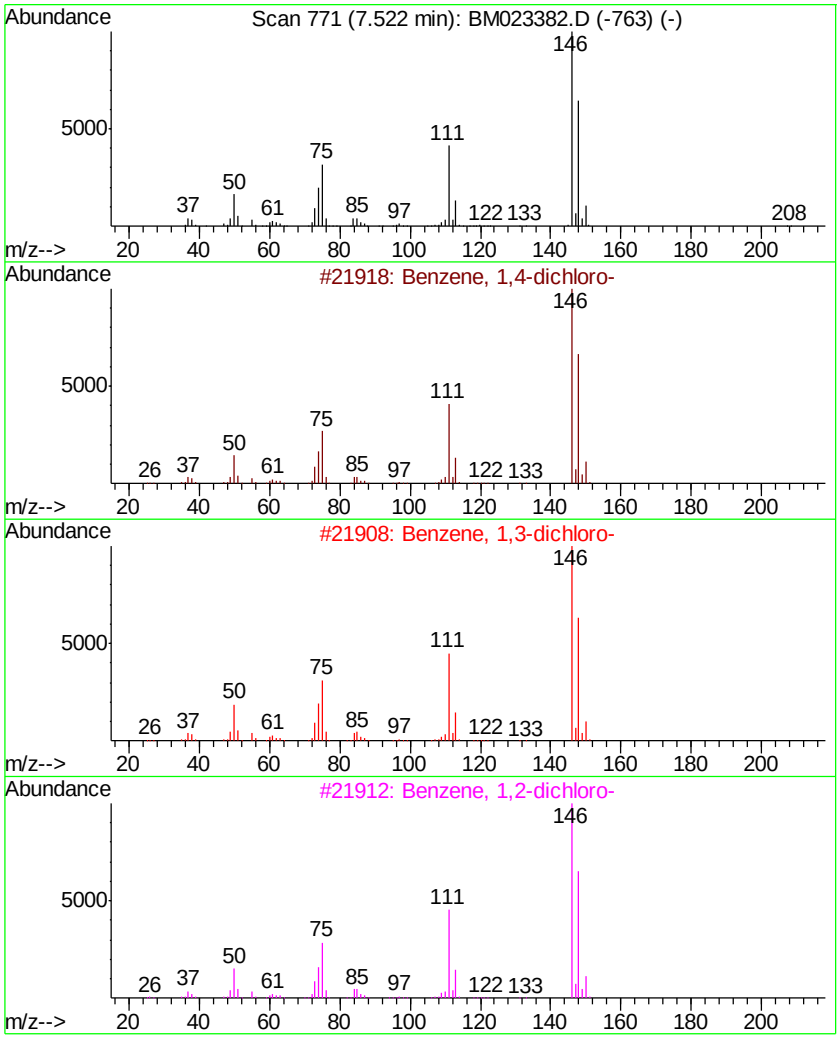
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

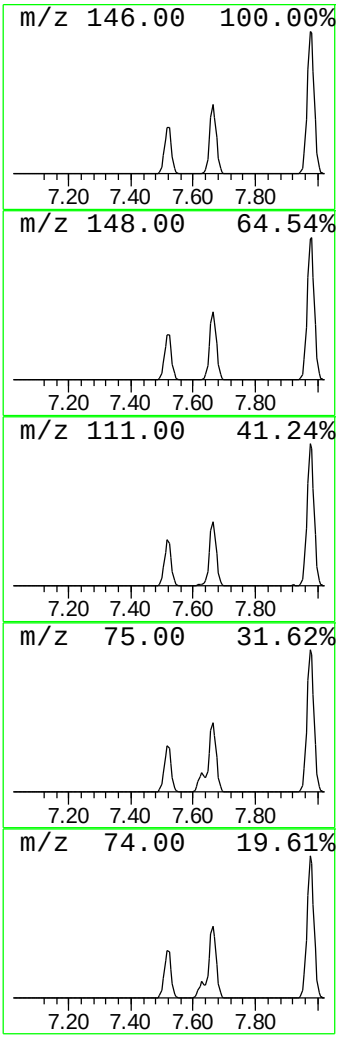
****

Peak Number 7 Benzene, 1,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	10.12 ng/ul	1813960	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

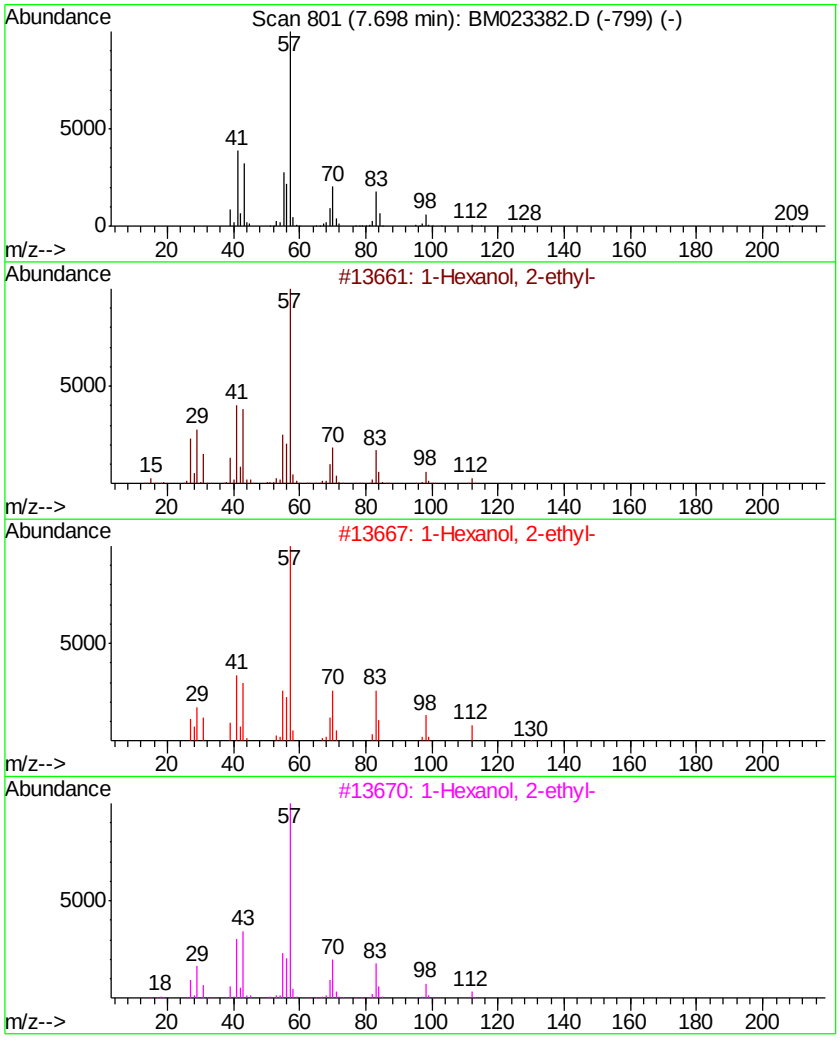
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

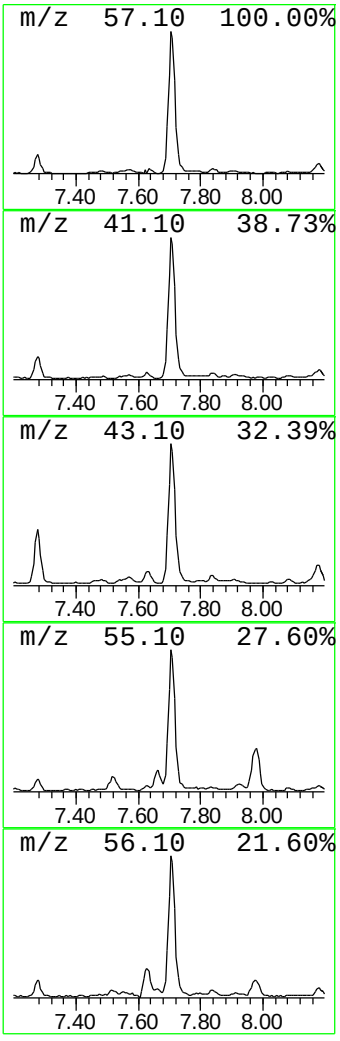
****

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	11.85 ng/ul	2124070	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	56
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





Library Search Compound Report

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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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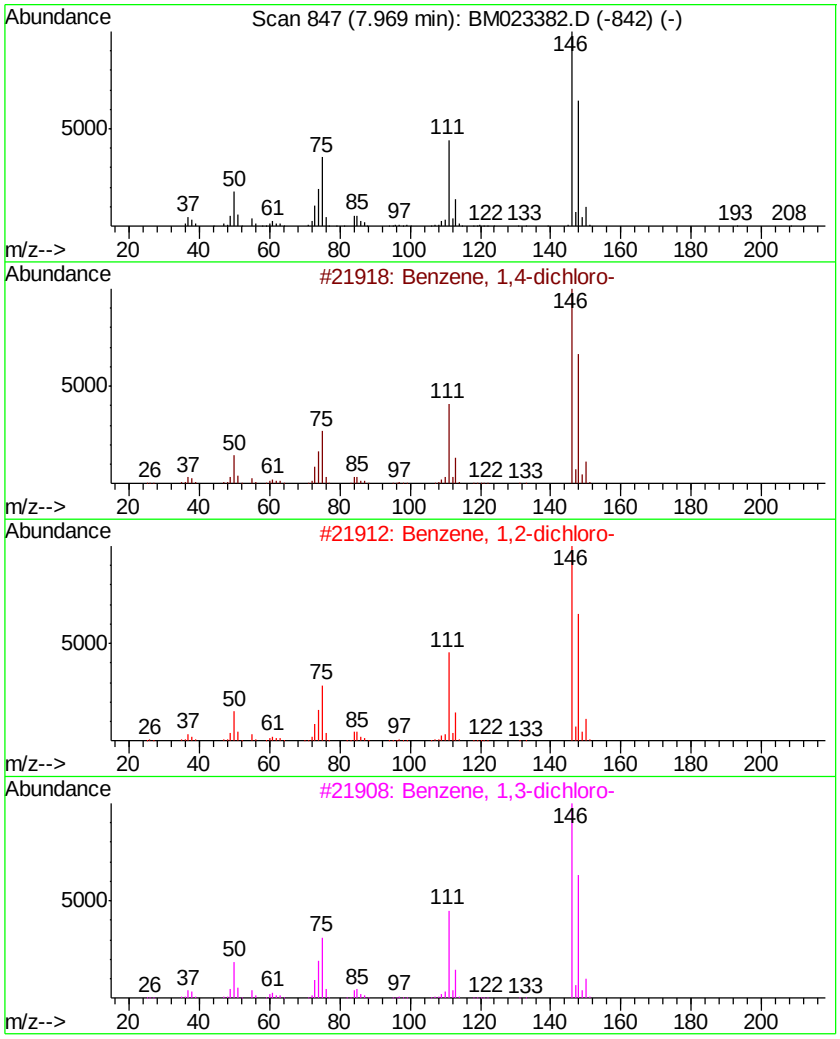
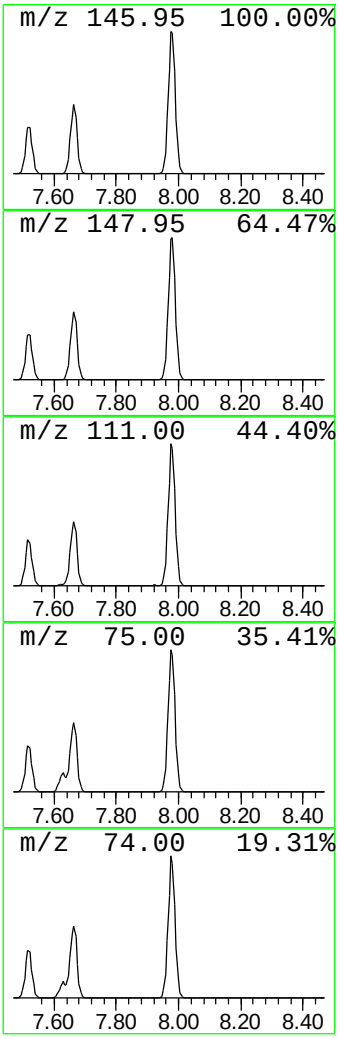
Peak Number 9 Benzene, 1,2-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	32.72 ng/ul	5866740	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97





Library Search Compound Report

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Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

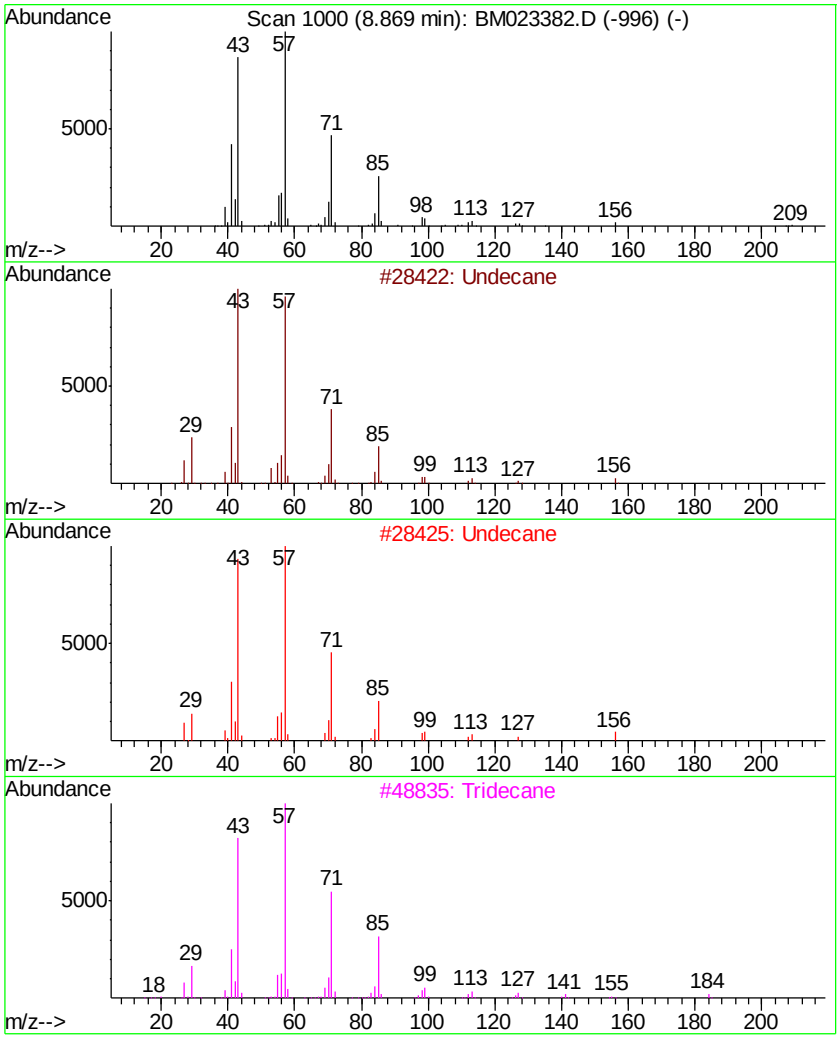
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

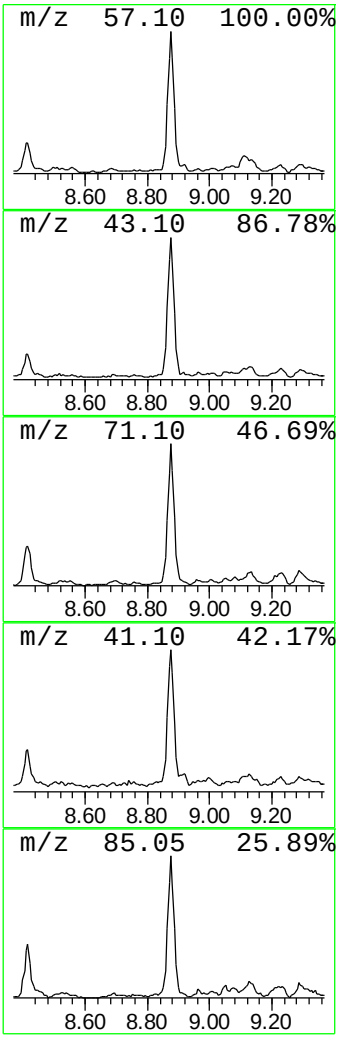
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.22 ng/ul	757052	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	94
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Undecane	156	C11H24	001120-21-4	87





Library Search Compound Report

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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

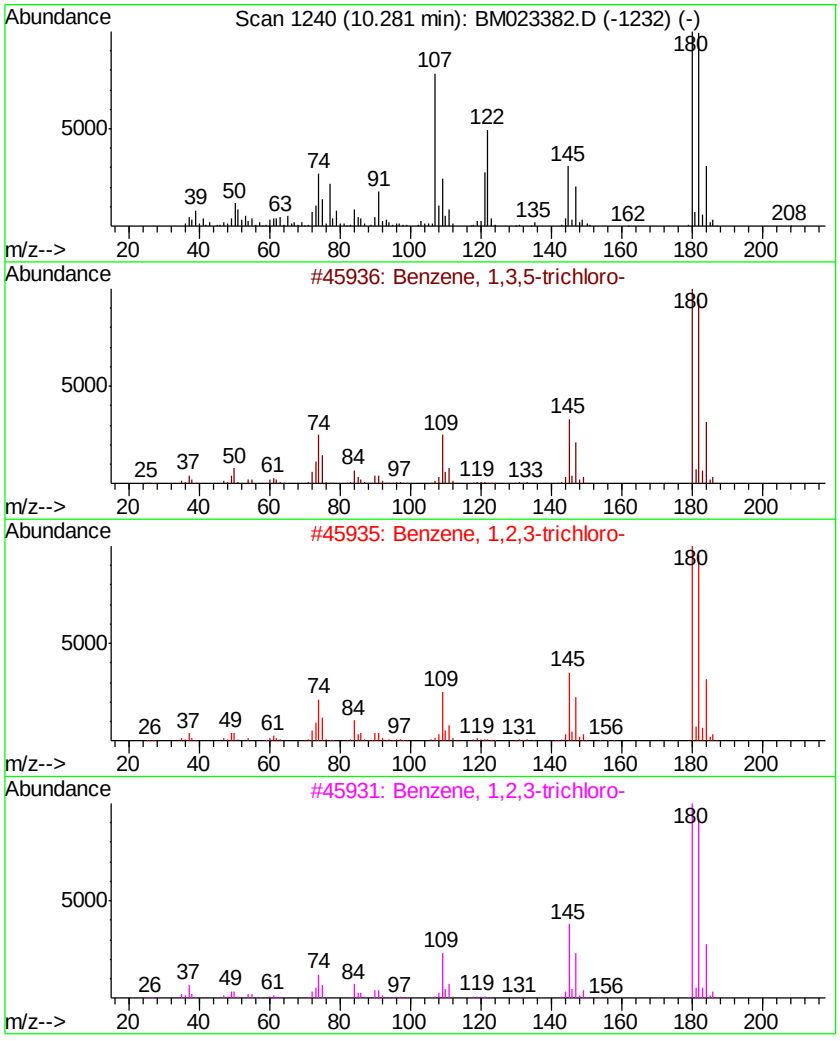
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

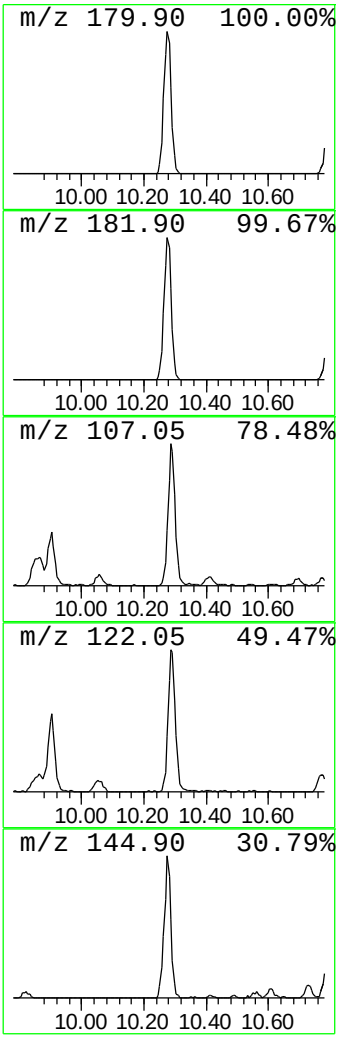
****

Peak Number 11 Benzene, 1,3,5-trichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.02 ng/ul	1519210	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

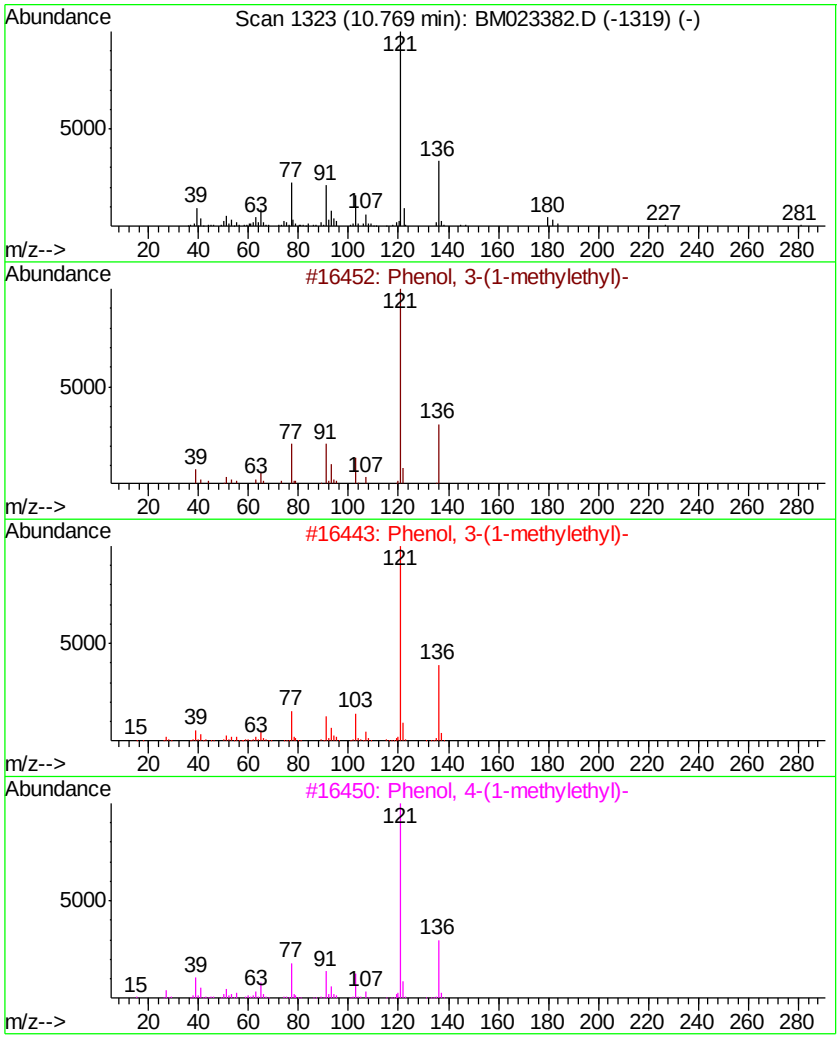
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

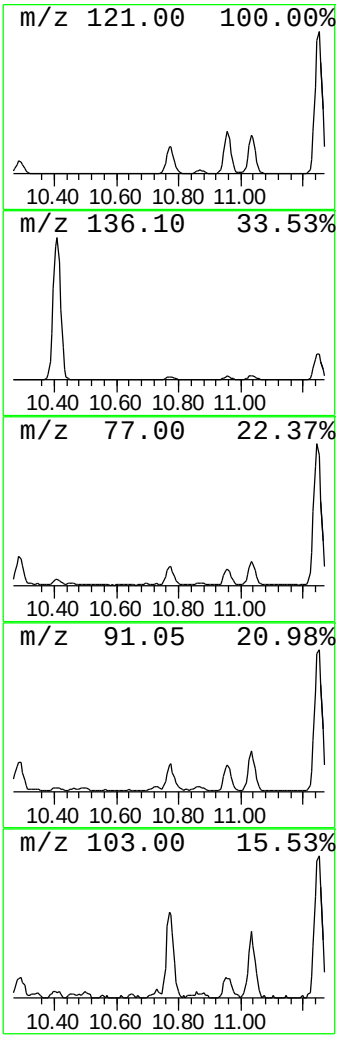
****

Peak Number 12 Phenol, 3-(1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.56 ng/ul	644304	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	93
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	87
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	83
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83





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Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

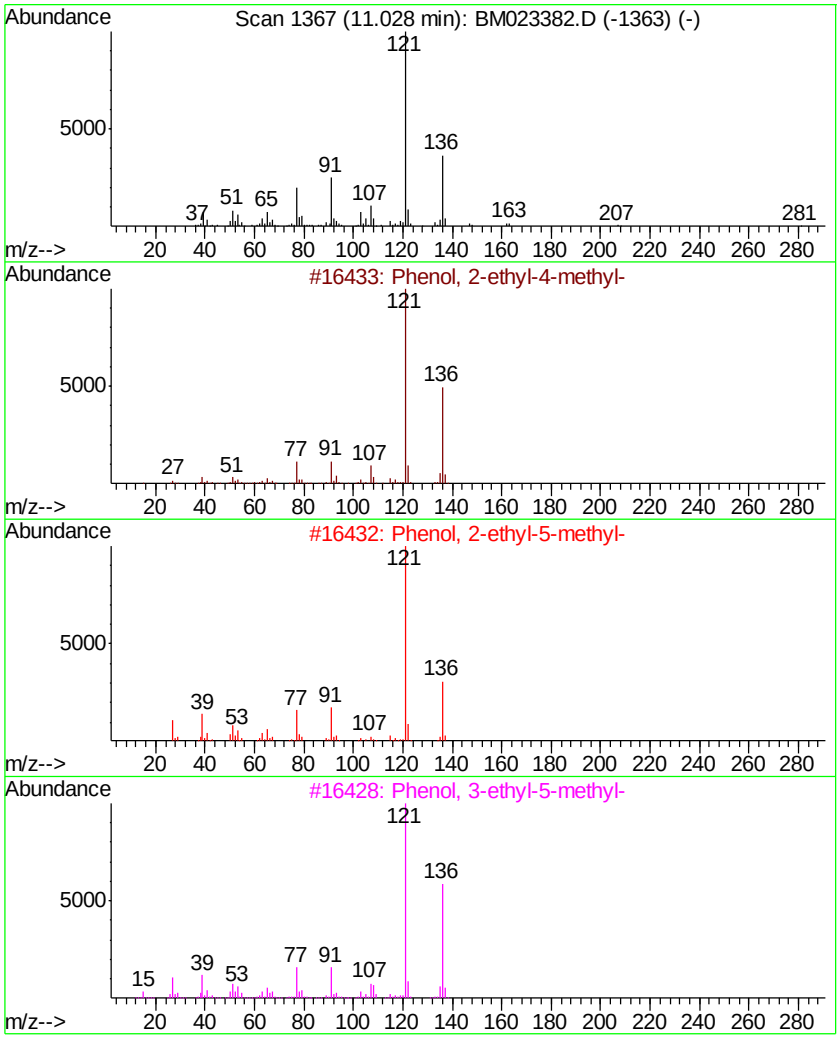
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

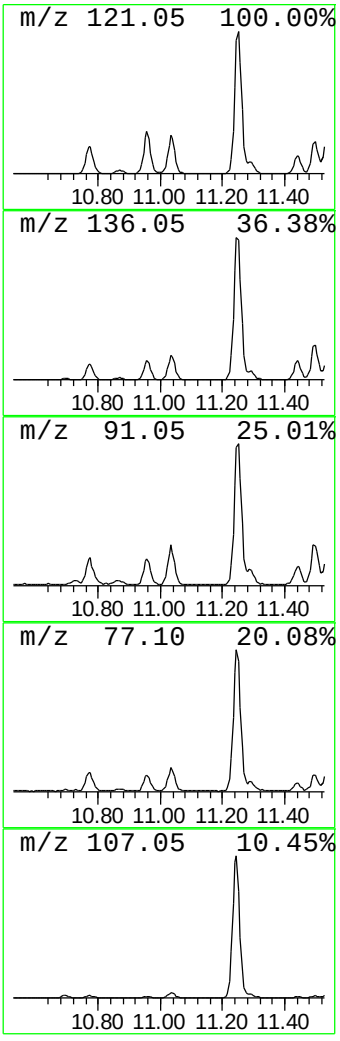
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 2-ethyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.25 ng/ul	567580	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	87





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Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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

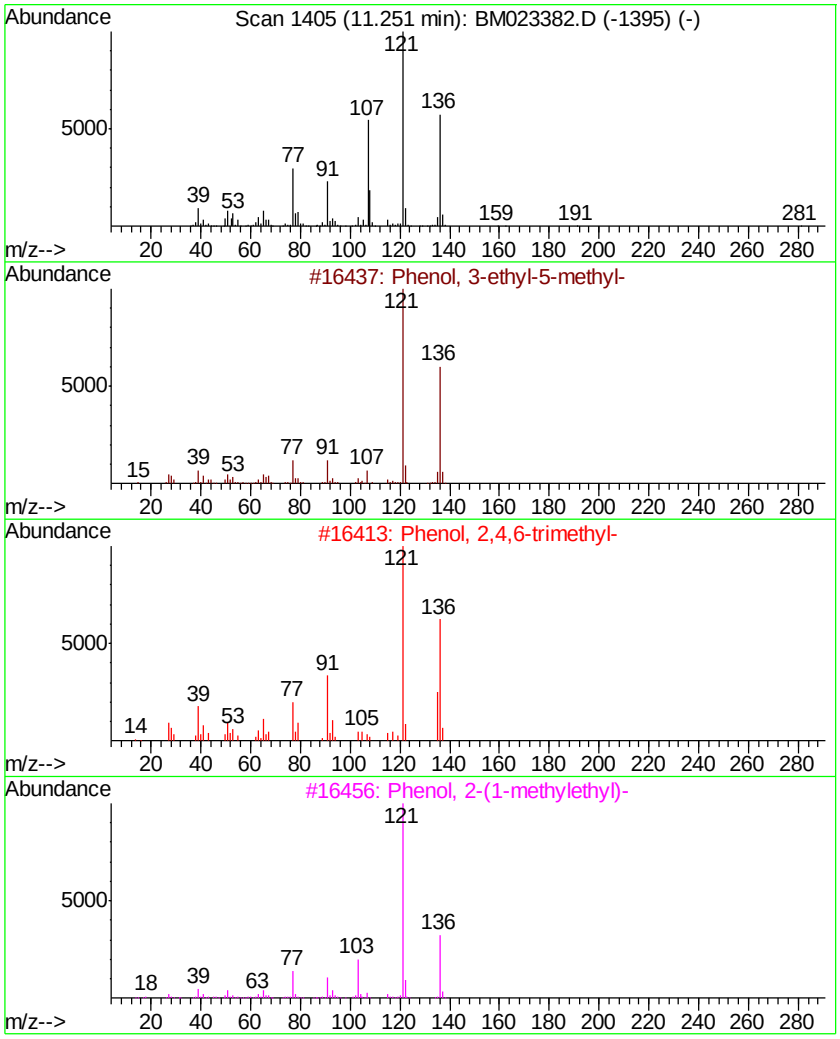
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

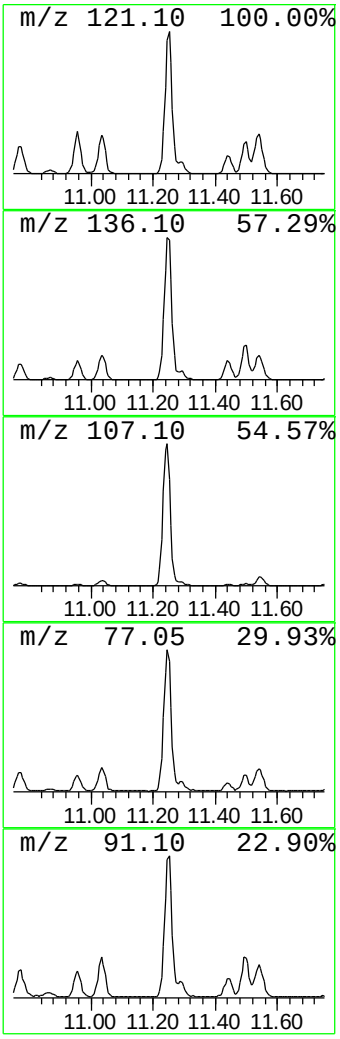
****

Peak Number 14 Phenol, 3-ethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	12.88 ng/ul	3247950	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	60
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	55
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	53
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	53
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	49





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Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

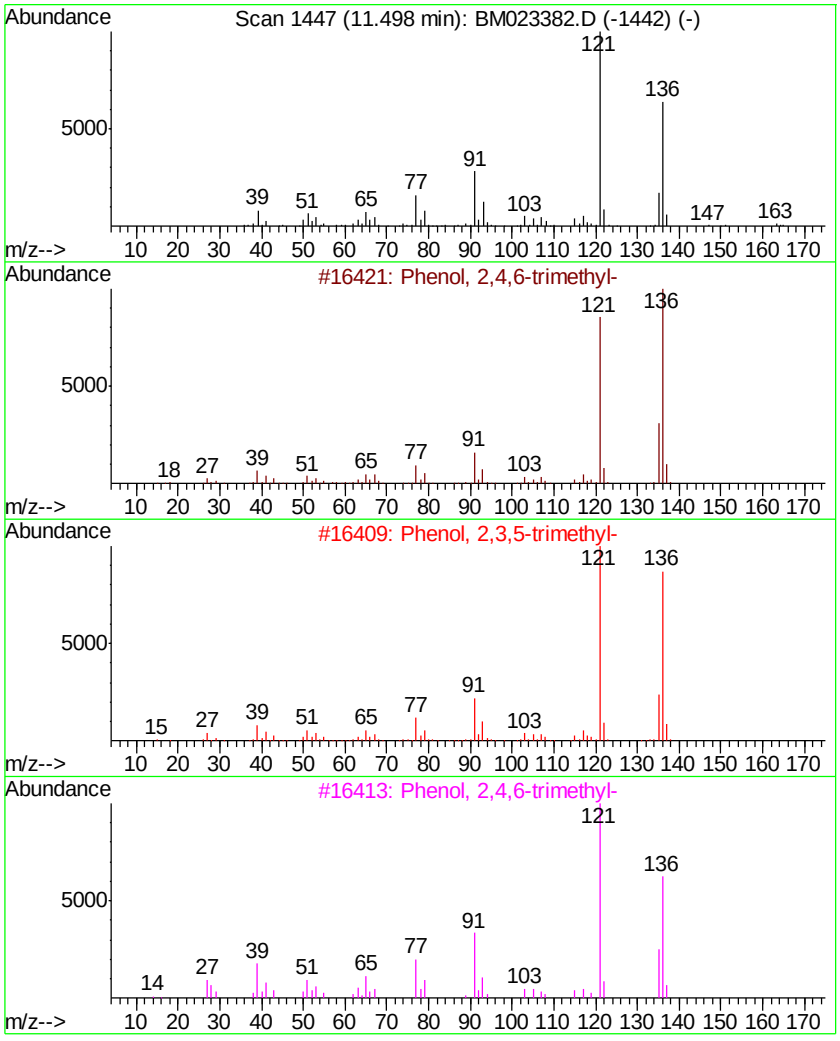
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

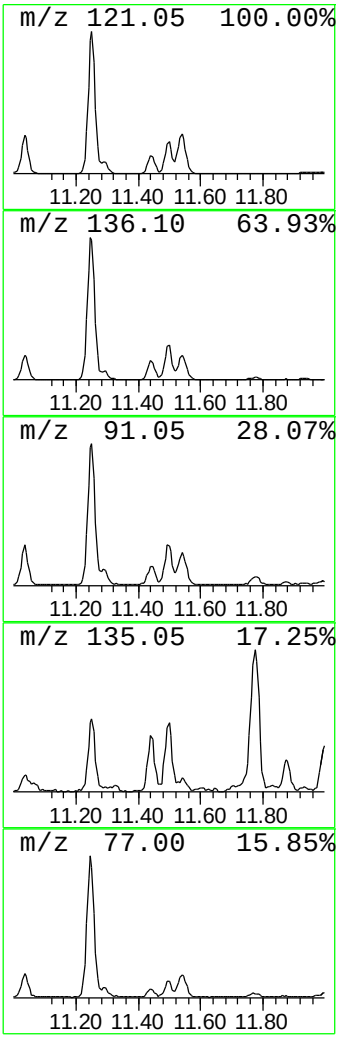
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 2,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	2.54 ng/ul	639816	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91





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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

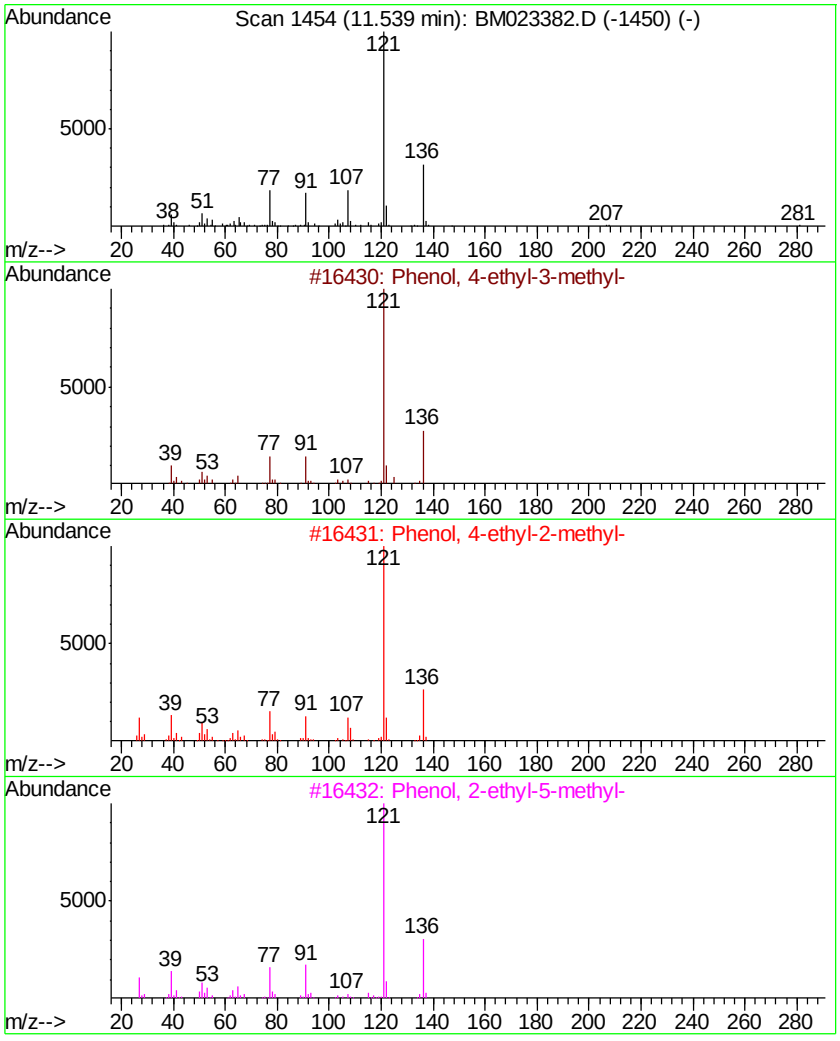
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

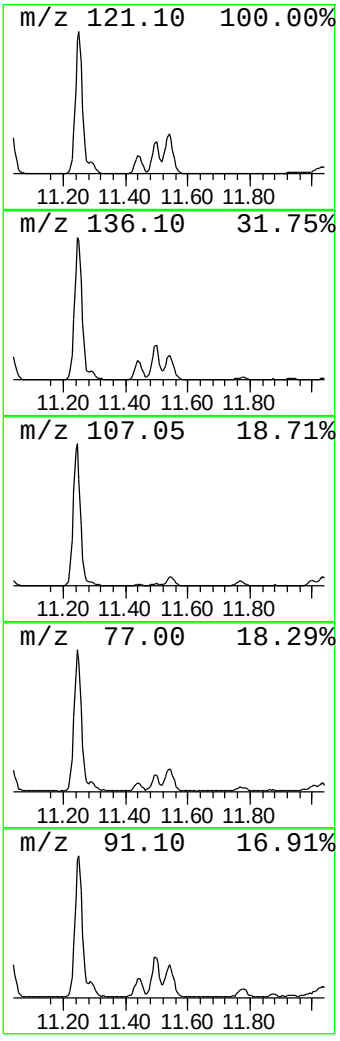
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenol, 4-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.57 ng/ul	647749	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
2	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	90
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86





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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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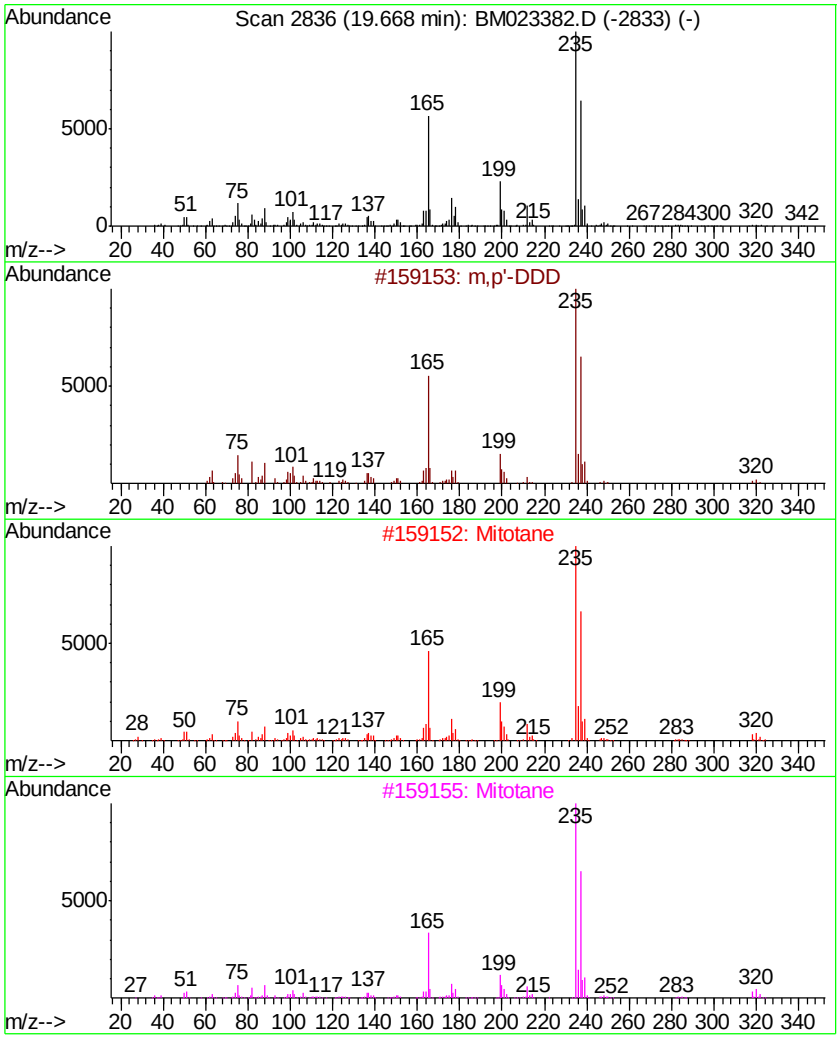
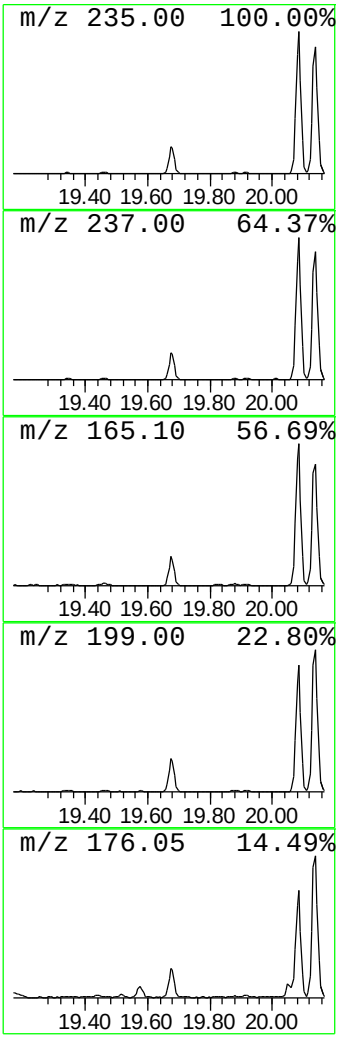
Peak Number 17 m,p'-DDD Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	7.04 ng/ul	2603590	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p'-DDD	318	C14H10Cl4	004329-12-8	99
2	Mitotane	318	C14H10Cl4	000053-19-0	96
3	Mitotane	318	C14H10Cl4	000053-19-0	91
4	Mitotane	318	C14H10Cl4	000053-19-0	90
5	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	86





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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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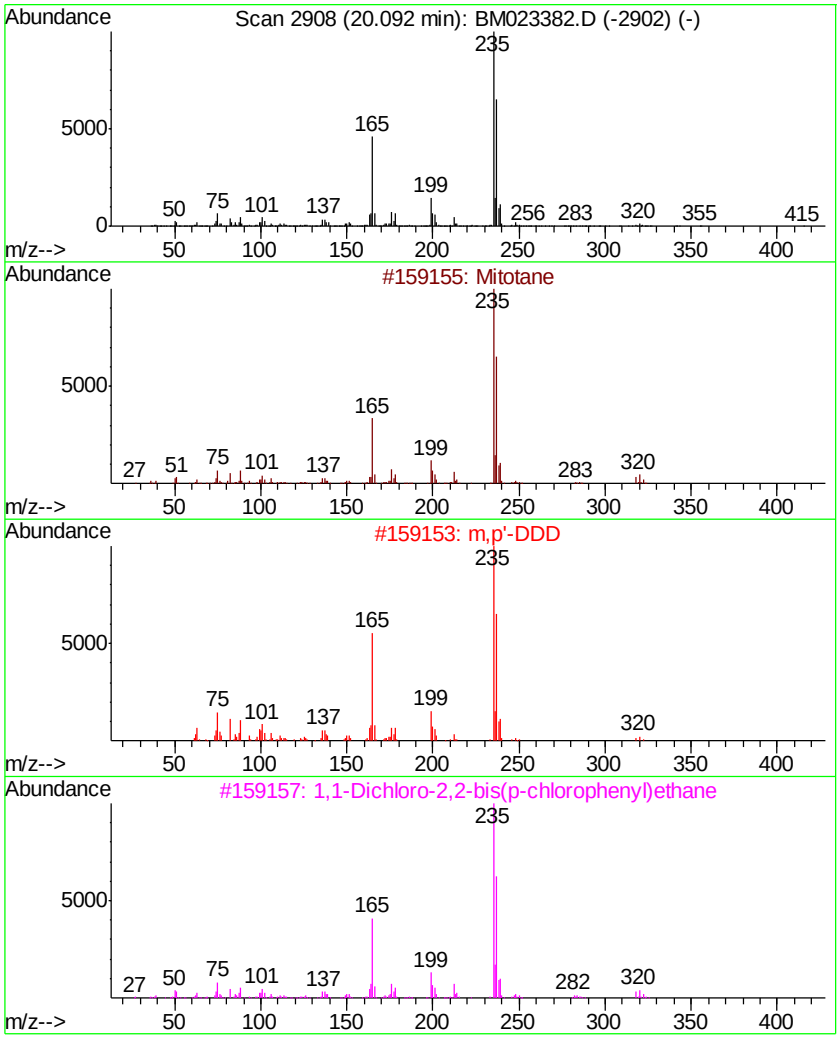
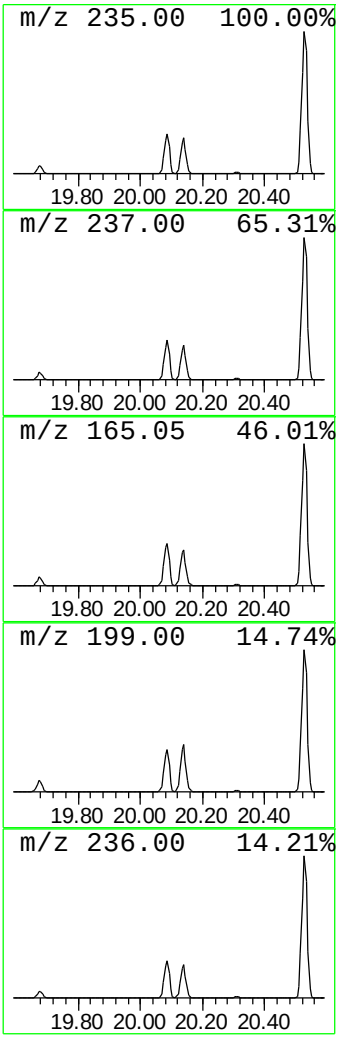
Peak Number 18 Mitotane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	32.92 ng/ul	12179300	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	99
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	99
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93
5	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	90





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Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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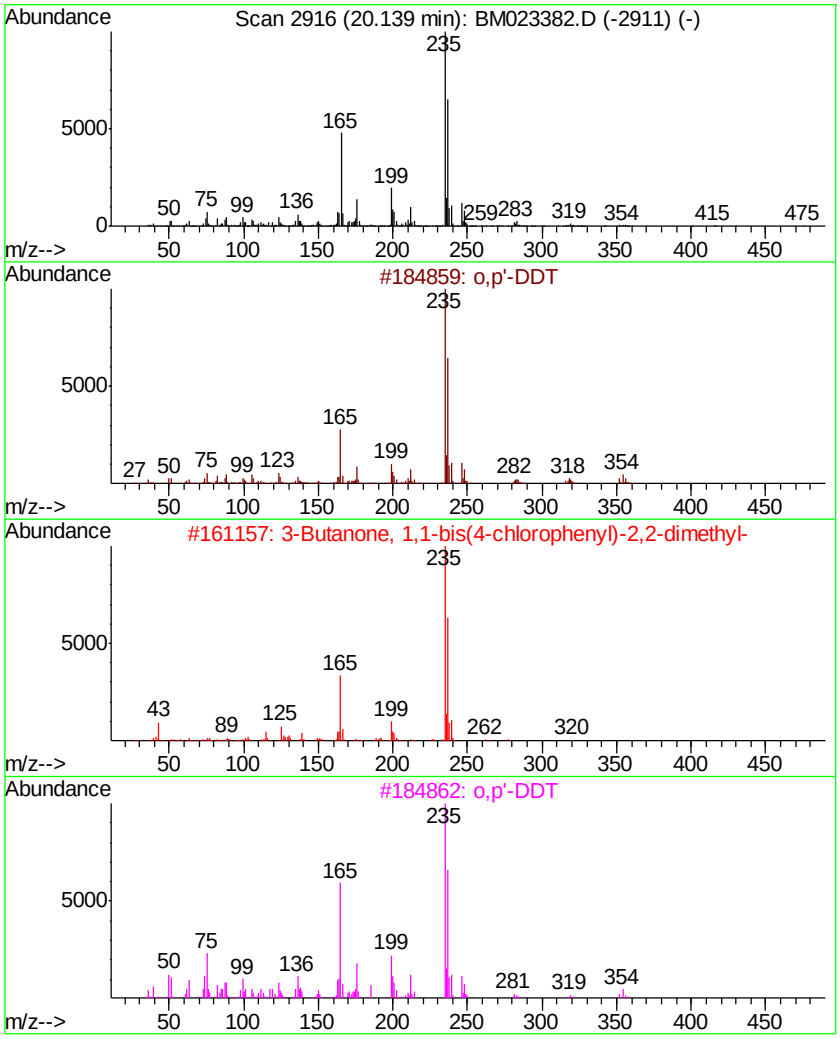
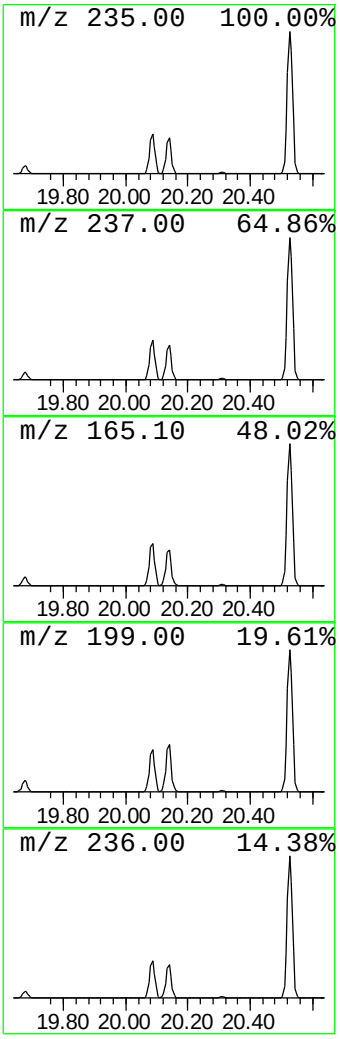
Peak Number 19 o,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	34.24 ng/ul	12666700	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDT	352	C14H9Cl5	000789-02-6	96
2	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
3	o,p'-DDT	352	C14H9Cl5	000789-02-6	91
4	o,p'-DDT	352	C14H9Cl5	000789-02-6	91
5	Mitotane	318	C14H10Cl4	000053-19-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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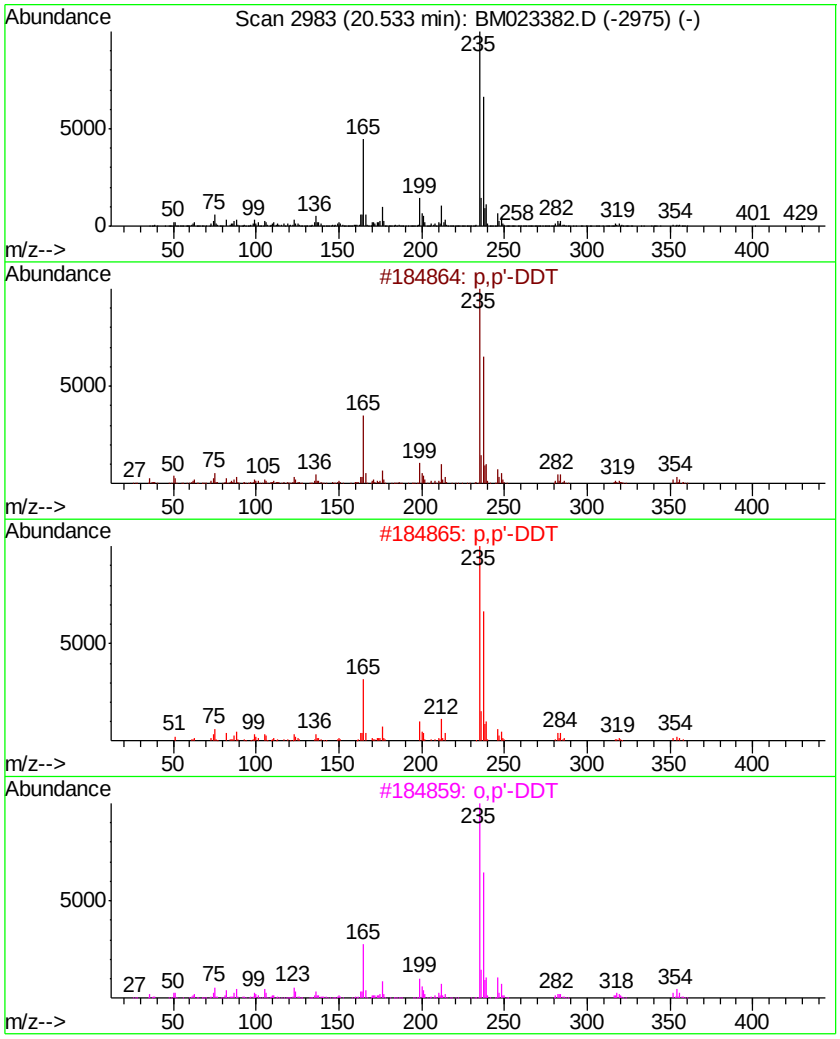
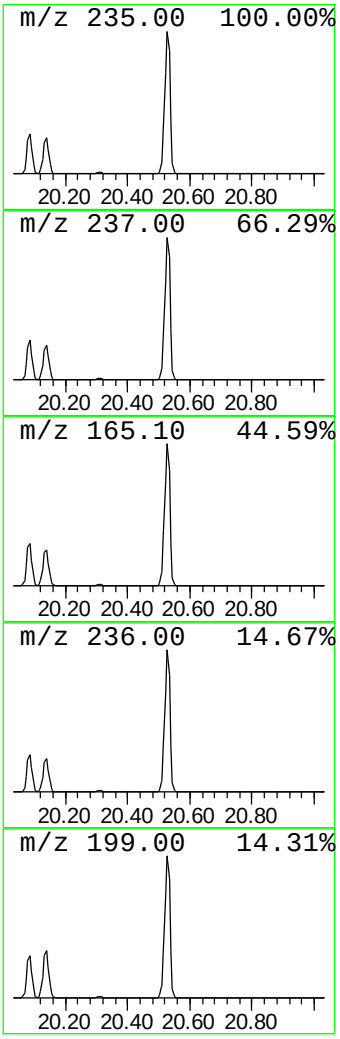
Peak Number 20 p,p'-DDT Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	125.11 ng/ul	46285300	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	99
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	99
3	o,p'-DDT	352	C14H9Cl5	000789-02-6	96
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
5	Mitotane	318	C14H10Cl4	000053-19-0	91





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Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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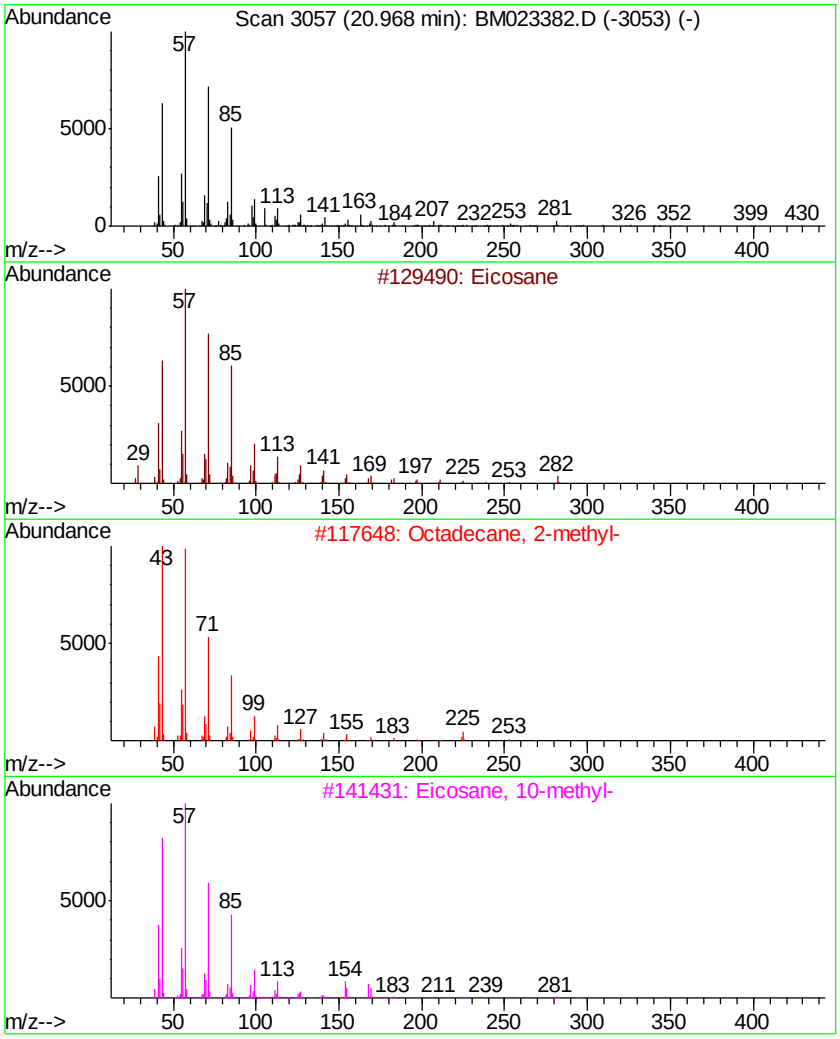
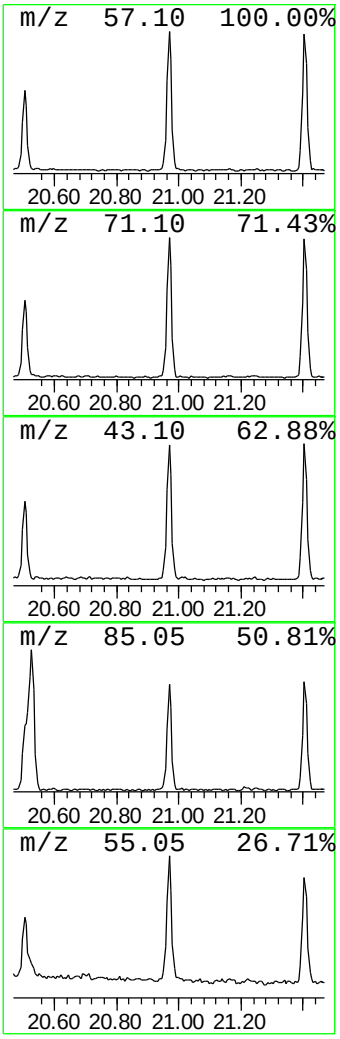
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.51 ng/ul	928788	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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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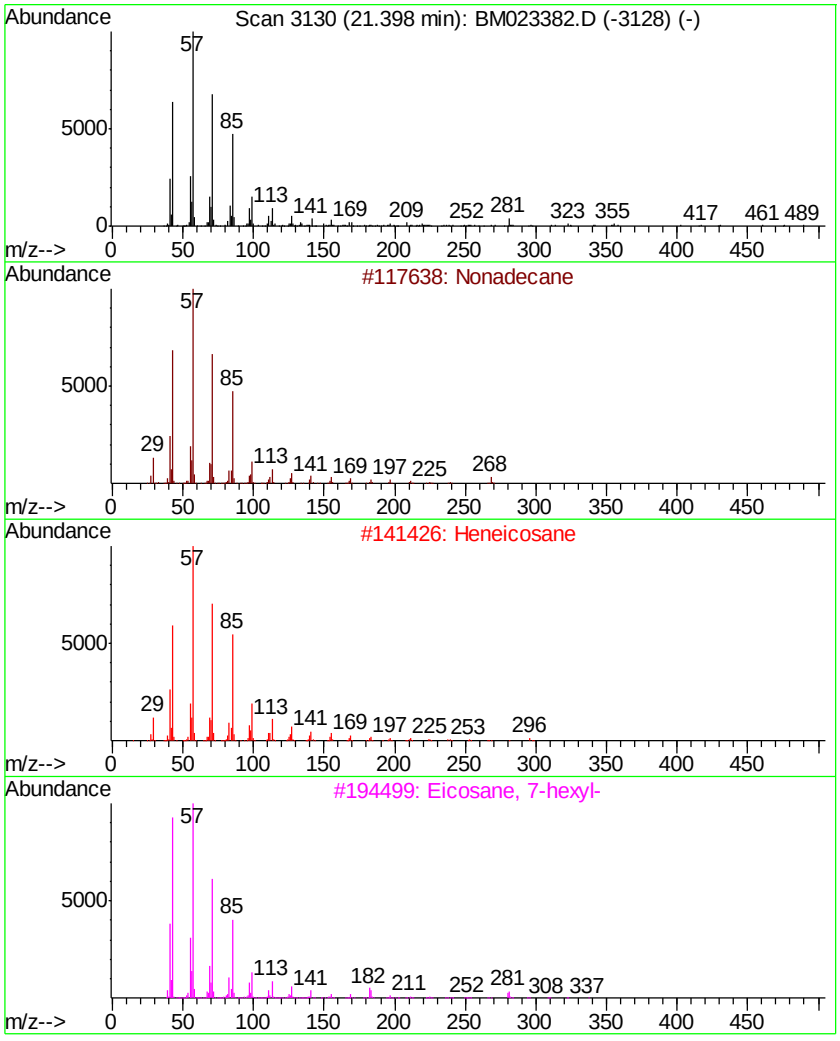
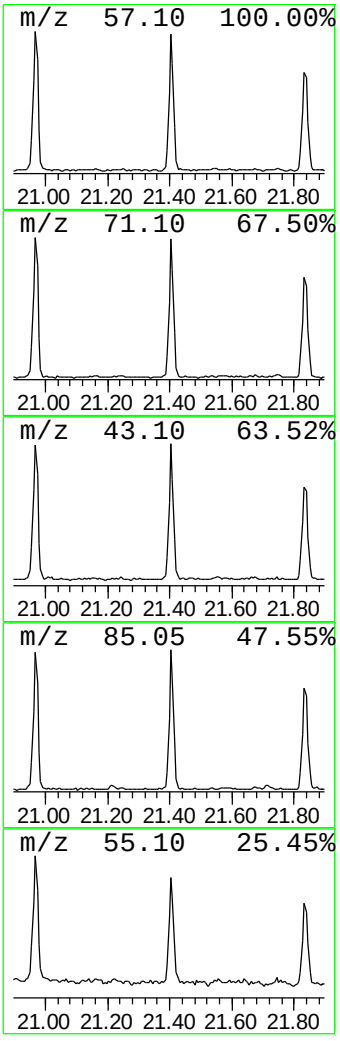
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.34 ng/ul	866660	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023382.D
Acq On : 24 Oct 2019 16:45
Operator : JU
Sample : K5482-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ4

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
(DEL) Alkane: Str...	3.08	13.2	ng/ul	2372910	1	7.63	3585670	20.0
Toluene	3.87	146.1	ng/ul	26189100	1	7.63	3585670	20.0
Ethylbenzene	5.17	2.5	ng/ul	447313	1	7.63	3585670	20.0
o-Xylene	5.30	8.3	ng/ul	1496430	1	7.63	3585670	20.0
p-Xylene	5.66	3.0	ng/ul	529180	1	7.63	3585670	20.0
(DEL) Alkane: Str...	7.27	2.2	ng/ul	386937	1	7.63	3585670	20.0
Benzene, 1,4-dich...	7.52	10.1	ng/ul	1813960	1	7.63	3585670	20.0
1-Hexanol, 2-ethyl-	7.70	11.9	ng/ul	2124070	1	7.63	3585670	20.0
Benzene, 1,2-dich...	7.97	32.7	ng/ul	5866740	1	7.63	3585670	20.0
(DEL) Alkane: Str...	8.87	4.2	ng/ul	757052	1	7.63	3585670	20.0
Benzene, 1,3,5-tr...	10.28	6.0	ng/ul	1519210	2	10.41	5043420	20.0
Phenol, 3-(1-meth...	10.77	2.6	ng/ul	644304	2	10.41	5043420	20.0
Phenol, 2-ethyl-4...	11.03	2.3	ng/ul	567580	2	10.41	5043420	20.0
Phenol, 3-ethyl-5...	11.25	12.9	ng/ul	3247950	2	10.41	5043420	20.0
Phenol, 2,4,6-tri...	11.50	2.5	ng/ul	639816	2	10.41	5043420	20.0
Phenol, 4-ethyl-3...	11.54	2.6	ng/ul	647749	2	10.41	5043420	20.0
m,p'-DDD	19.67	7.0	ng/ul	2603590	5	21.22	7399170	20.0
Mitotane	20.09	32.9	ng/ul	12179300	5	21.22	7399170	20.0
o,p'-DDT	20.14	34.2	ng/ul	12666700	5	21.22	7399170	20.0
p,p'-DDT	20.53	125.1	ng/ul	46285300	5	21.22	7399170	20.0
(DEL) Alkane: Str...	20.97	2.5	ng/ul	928788	5	21.22	7399170	20.0
(DEL) Alkane: Str...	21.40	2.3	ng/ul	866660	5	21.22	7399170	20.0