LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
Operator : JU
Sample : K5378-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

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-BM101419MA.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	3.175	28	32	40	rVB	58568	87361	1.21%	0.102%
2	3.681	115	118	125	rVB6	19816	29892	0.41%	0.035%
3	3.810	135	140	147	rVB2	49259	85020	1.17%	0.099%
4	3.899	151	155	161	rVB	27795	38915	0.54%	0.045%
5	4.422	242	244	248	rBV4	6541	10201	0.14%	0.012%
6	4.616	274	277	280	rBV4	5941	8739	0.12%	0.010%
7	4.810	305	310	318	rVB2	61483	101587	1.40%	0.119%
8	4.975	335	338	344	rVB6	4528	7332	0.10%	0.009%
9	5.787	471	476	480	rBV6	9458	15168	0.21%	0.018%
10	5.981	506	509	512	rBV4	7010	8688	0.12%	0.010%
11	6.334	562	569	576	rBV5	15845	35916	0.50%	0.042%
12	6.657	621	624	627	rBV4	5572	7696	0.11%	0.009%
13	6.822	644	652	665	rBV2	978411	1774771	24.50%	2.074%
14	6.992	670	681	694	rBV	751428	1252399	17.29%	1.464%
15	7.187	706	714	723	rBV	1103747	1750202	24.16%	2.046%
16	7.304	730	734	738	rVB5	8827	15672	0.22%	0.018%
17	7.651	786	793	801	rBV	1449439	2278613	31.46%	2.663%
18	7.734	801	807	810	rVB4	10809	17514	0.24%	0.020%
19	8.357	905	913	922	rBV	1272703	2034352	28.09%	2.378%
20	8.451	926	929	934	rBV6	4891	7896	0.11%	0.009%
21	8.798	979	988	996	rBV	970079	1597369	22.05%	1.867%
22	8.986	1014	1020	1023	rVB6	10481	16728	0.23%	0.020%
23	9.275	1065	1069	1076	rVB3	19737	27134	0.37%	0.032%
24	9.516	1102	1110	1120	rBV	754663	1243978	17.18%	1.454%
25	9.586	1120	1122	1127	rVB6	4661	7767	0.11%	0.009%
26	10.051	1194	1201	1210	rBV	1286130	2168603	29.94%	2.535%
27	10.433	1258	1266	1274	rVB	1829407	3116623	43.03%	3.643%
28	10.563	1281	1288	1296	rBV	1180224	1986506	27.43%	2.322%
29	10.957	1352	1355	1360	rVB6	6029	8679	0.12%	0.010%
30	11.186	1388	1394	1399	rBV7	7374	14783	0.20%	0.017%
31	11.422	1427	1434	1438	rBV9	6309	13968	0.19%	0.016%
32	11.486	1442	1445	1450	rBV6	5377	8976	0.12%	0.010%
33	12.027	1531	1537	1544	rBV	24947	44268	0.61%	0.052%
34	13.145	1726	1727	1733	rVB4	7410	8920	0.12%	0.010%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
Operator : JU
Sample : K5378-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

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-BM101419MA.M
Title : SVOA CALIBRATION

35	13.221	1736	1740	1743	rVB6	8375	13264	0.18%	0.016%
36	13.621	1806	1808	1813	rVB5	12627	17267	0.24%	0.020%
37	13.716	1817	1824	1828	rBV	2256705	3204942	44.25%	3.746%
38	13.757	1828	1831	1839	rVB	1324304	1809351	24.98%	2.115%
39	13.986	1863	1870	1881	rBV	2670728	3904751	53.91%	4.564%
40	14.233	1908	1912	1916	rVB5	7150	10864	0.15%	0.013%
41	14.298	1916	1923	1932	rBV	2832142	4126115	56.97%	4.822%
42	14.492	1949	1956	1968	rBV	322057	515192	7.11%	0.602%
43	14.645	1979	1982	1988	rVB8	11799	17480	0.24%	0.020%
44	14.721	1990	1995	2002	rVV2	91252	136676	1.89%	0.160%
45	15.127	2060	2064	2067	rBV6	7307	8585	0.12%	0.010%
46	15.186	2069	2074	2077	rVV5	7681	12371	0.17%	0.014%
47	15.292	2085	2092	2101	rBV	3455792	4824285	66.61%	5.638%
48	15.410	2106	2112	2124	rBV	352451	512468	7.08%	0.599%
49	15.533	2127	2133	2139	rBV2	40188	58444	0.81%	0.068%
50	15.745	2164	2169	2173	rBV7	4503	8505	0.12%	0.010%
51	15.980	2206	2209	2214	rBV7	13035	20723	0.29%	0.024%
52	16.080	2223	2226	2230	rVV4	14285	20254	0.28%	0.024%
53	16.462	2287	2291	2298	rBV9	8864	18624	0.26%	0.022%
54	16.698	2326	2331	2333	rBV5	12181	16122	0.22%	0.019%
55	16.839	2349	2355	2363	rVB6	15222	35200	0.49%	0.041%
56	17.039	2382	2389	2395	rBV2	3373088	4912294	67.82%	5.741%
57	17.139	2400	2406	2417	rVV	3881966	5457170	75.35%	6.378%
58	17.245	2421	2424	2428	rVB6	19834	24824	0.34%	0.029%
59	17.451	2455	2459	2466	rVB4	41309	75414	1.04%	0.088%
60	17.574	2478	2480	2483	rVB3	11777	11665	0.16%	0.014%
61	17.962	2542	2546	2553	rBV3	83955	124569	1.72%	0.146%
62	18.109	2567	2571	2575	rBV6	12574	20965	0.29%	0.025%
63	18.268	2594	2598	2602	rBV6	26791	38910	0.54%	0.045%
64	18.403	2617	2621	2628	rBV5	45914	87493	1.21%	0.102%
65	18.903	2704	2706	2710	rBV4	30833	40974	0.57%	0.048%
66	19.068	2731	2734	2736	rBV	56785	73831	1.02%	0.086%
67	19.103	2736	2740	2744	rVB	213274	296839	4.10%	0.347%
68	19.439	2791	2797	2809	rVB	5098680	7222819	99.72%	8.442%
69	20.027	2894	2897	2901	rVB2	82566	98806	1.36%	0.115%
70	20.574	2987	2990	2995	rVB3	248073	289096	3.99%	0.338%
71	20.856	3035	3038	3041	rBV3	172732	218200	3.01%	0.255%

LSC Area Percent Report

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Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
Operator : JU
Sample : K5378-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

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-BM101419MA.M
Title : SVOA CALIBRATION

72	20.897	3041	3045	3052	rVB3	528222	1065553	14.71%	1.245%
73	20.980	3055	3059	3066	rVV3	593868	860786	11.88%	1.006%
74	21.115	3078	3082	3086	rBV5	236586	402033	5.55%	0.470%
75	21.233	3096	3102	3106	rBV	4702818	6246153	86.24%	7.300%
76	21.421	3132	3134	3138	rVB2	221304	219692	3.03%	0.257%
77	21.856	3205	3208	3220	rVB2	601139	933567	12.89%	1.091%
78	22.315	3283	3286	3290	rVB2	463877	554924	7.66%	0.649%
79	22.821	3367	3372	3376	rBV	1325998	1898483	26.21%	2.219%
80	23.297	3447	3453	3463	rVB	4057058	7242817	100.00%	8.465%
81	23.433	3471	3476	3491	rVB2	3361149	6337024	87.49%	7.406%
82	24.033	3573	3578	3583	rVB	930917	1681706	23.22%	1.966%

Sum of corrected areas: 85560326

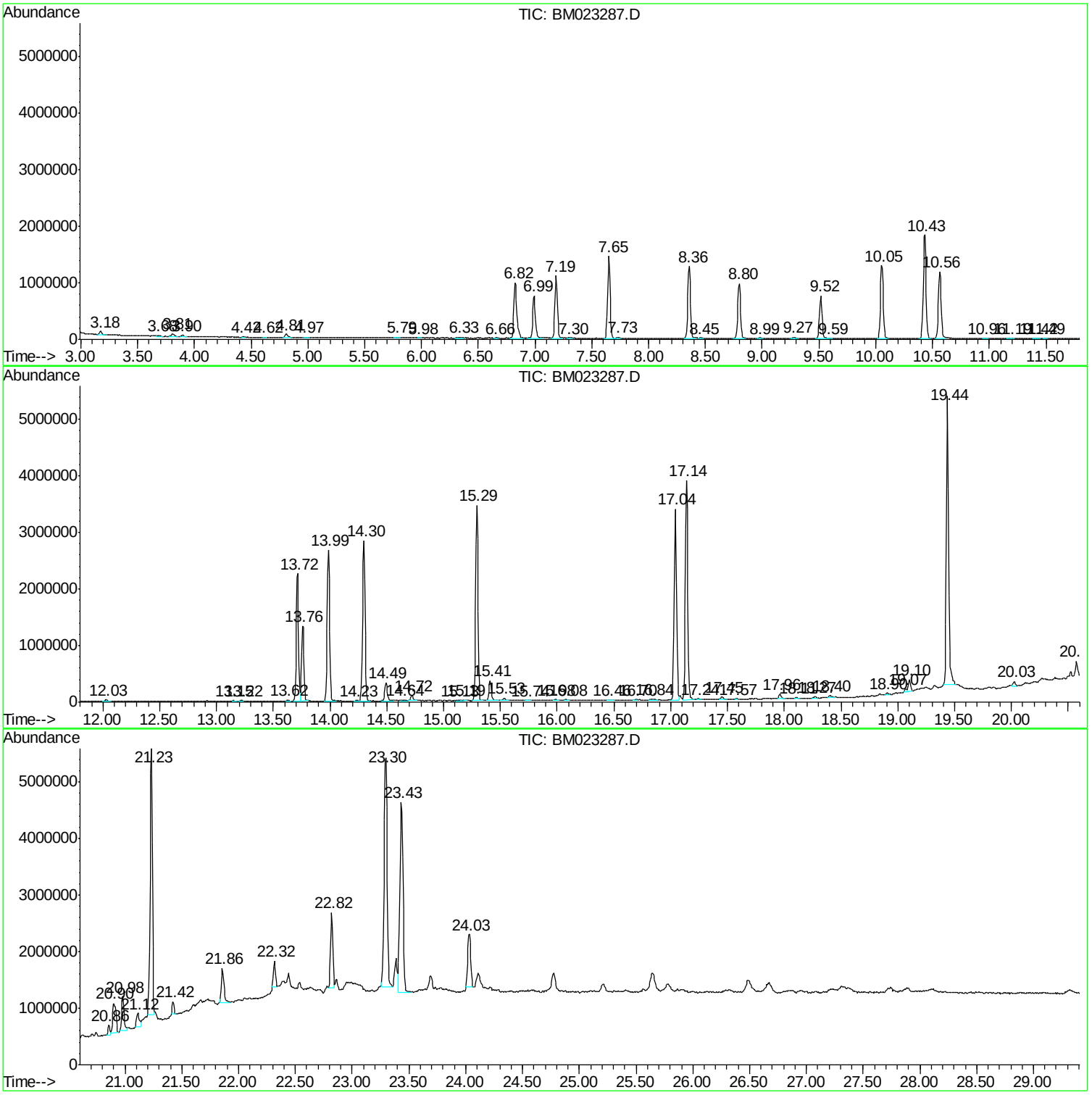
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
Operator : JU
Sample : K5378-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
Operator : JU
Sample : K5378-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

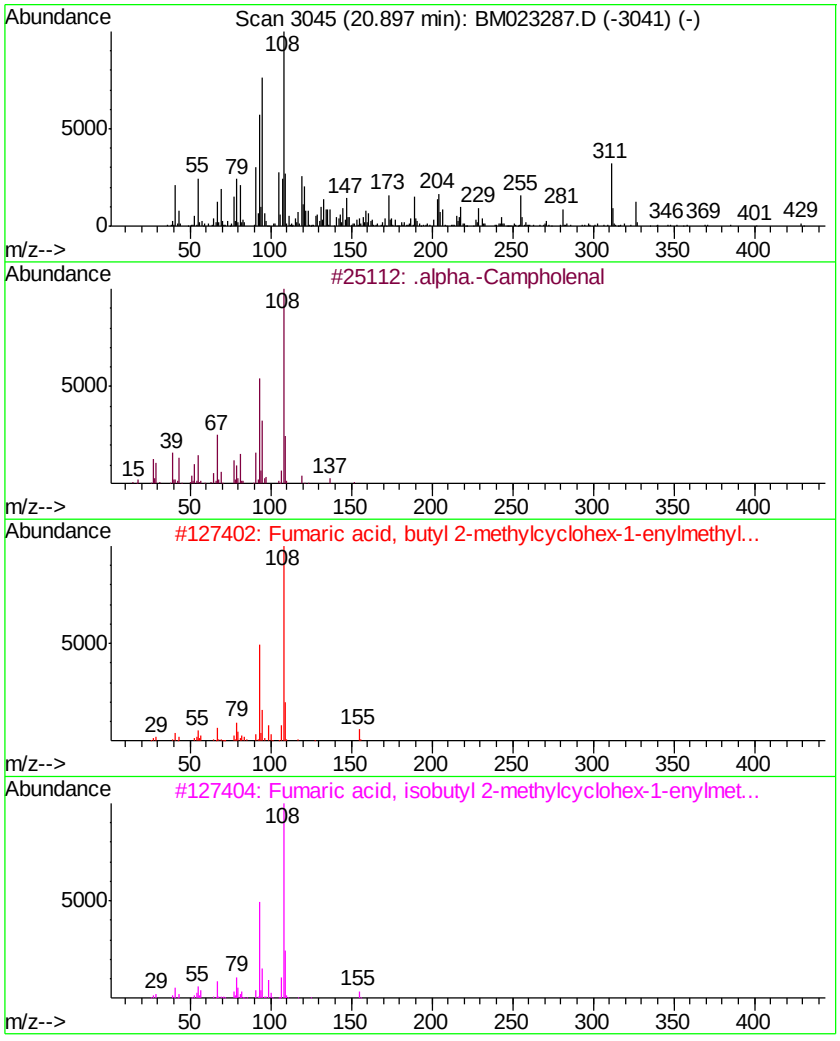
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

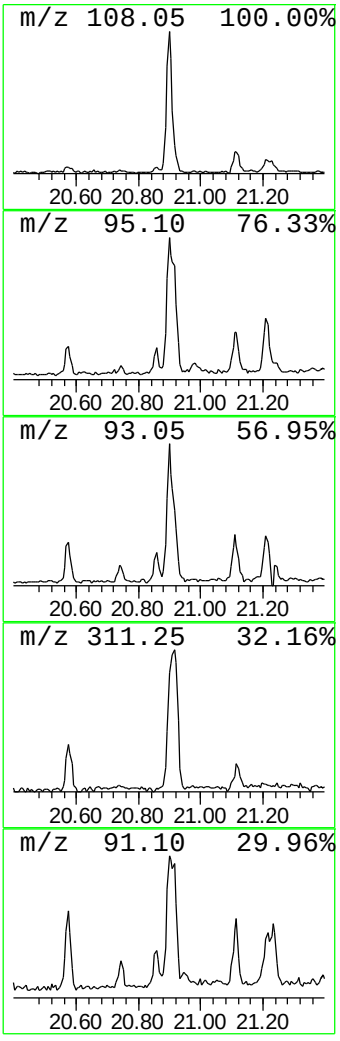
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.41 ng/ul	1065550	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Campholenal	152	C10H16O	004501-58-0	43
2	Fumaric acid, butyl 2-methylcycl...	280	C16H24O4	1000345-15-6	38
3	Fumaric acid, isobutyl 2-methylc...	280	C16H24O4	1000345-15-5	38
4	2-Bromopropionic acid, 2-methylp...	242	C10H11BrO2	001440-64-8	27
5	Tricyclo[3.3.0.0(2,8)]octan-3-on...	150	C10H14O	109915-32-4	27





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

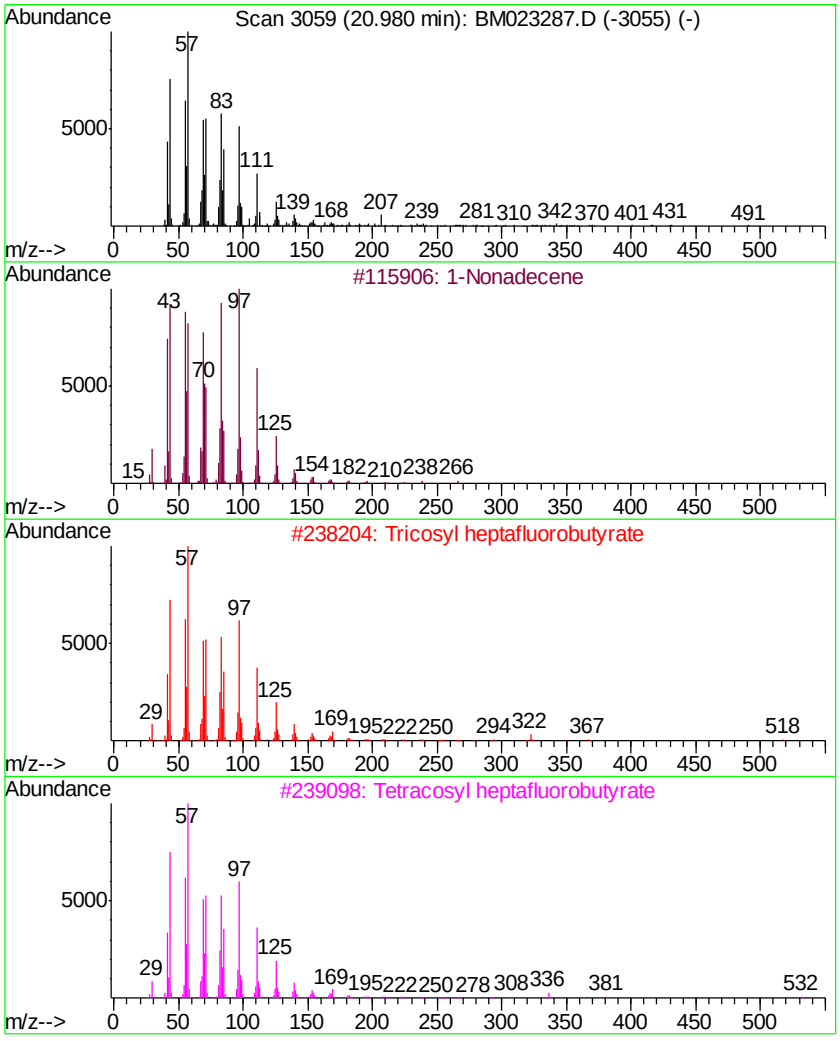
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

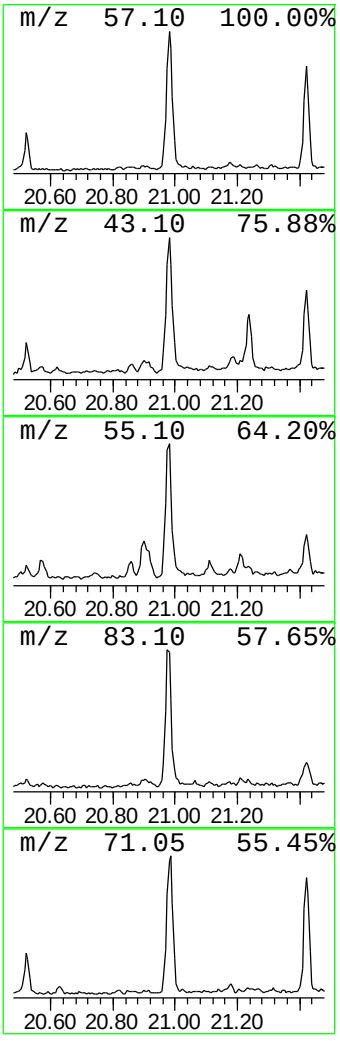
****

Peak Number 2 (DEL) Alkane: Cyclic20.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.76 ng/ul	860786	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	90
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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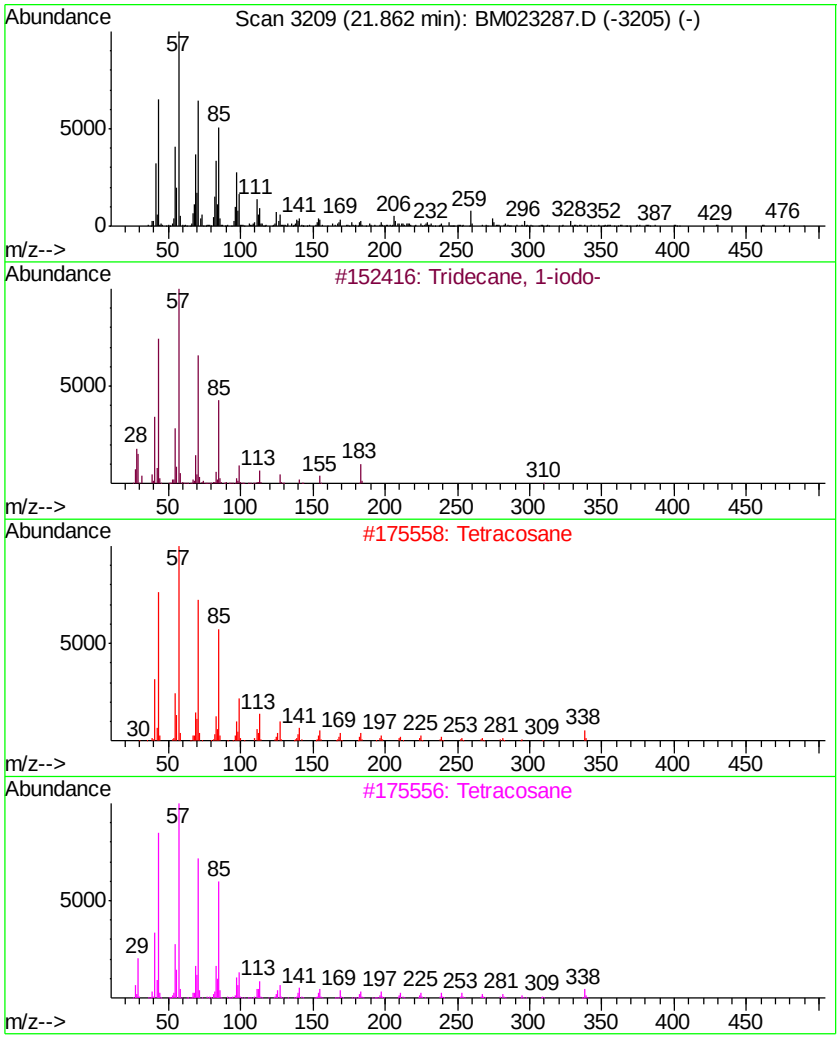
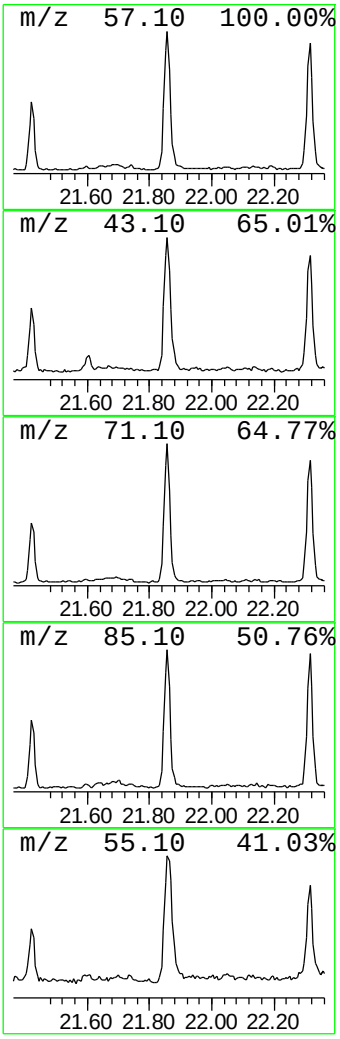
Peak Number 3 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.99 ng/ul	933567	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tetradecane	198	C14H30	000629-59-4	91
5	Tritetracontane	605	C43H88	007098-21-7	90





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ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

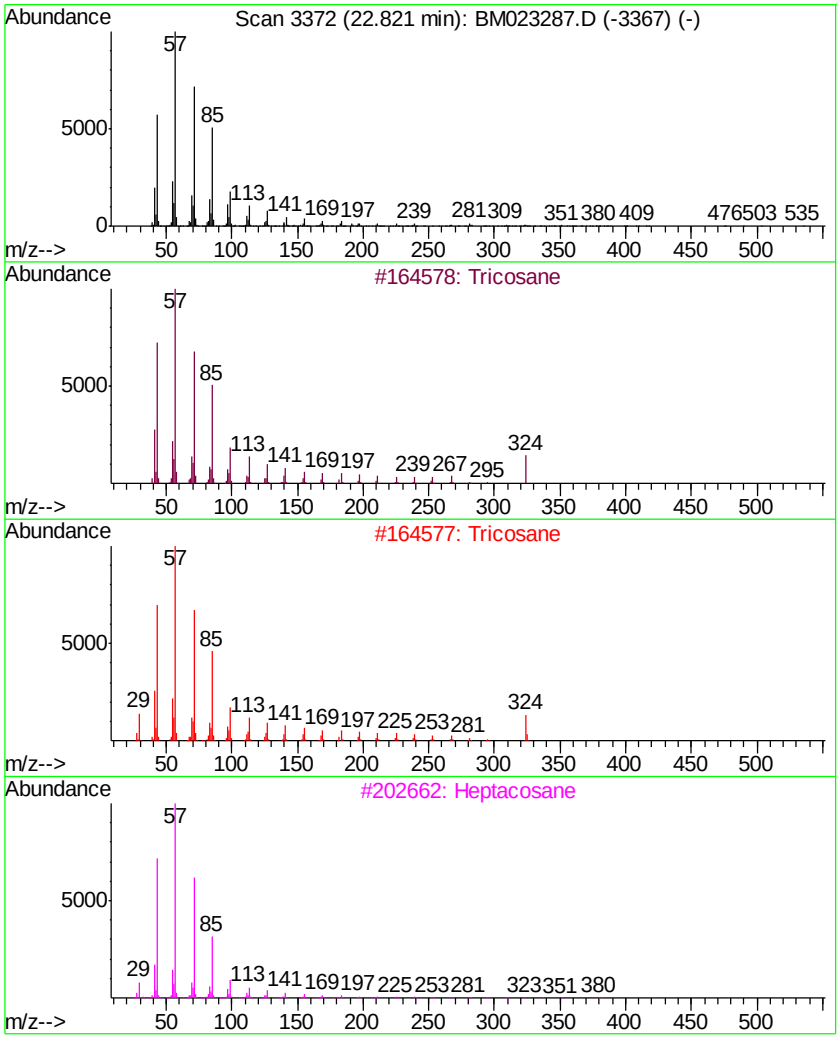
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

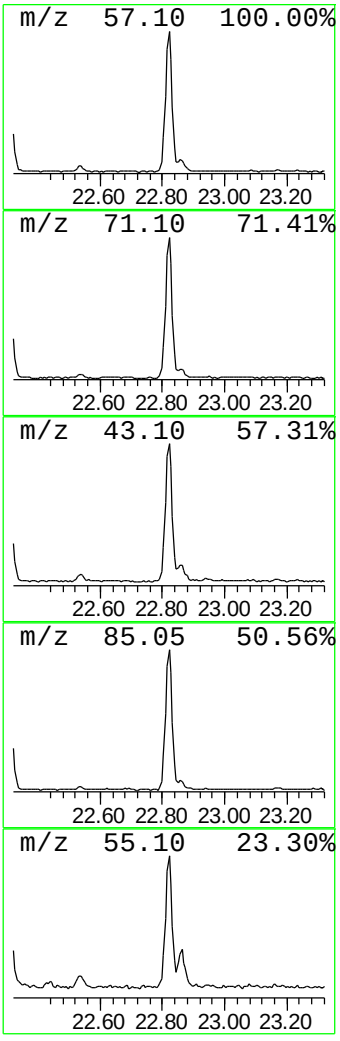
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	5.99 ng/ul	1898480	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Tricosane	324	C23H48	000638-67-5	94
3	Heptacosane	380	C27H56	000593-49-7	94
4	Eicosane	282	C20H42	000112-95-8	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





Library Search Compound Report

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Acq On : 19 Oct 2019 14:30
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0010

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

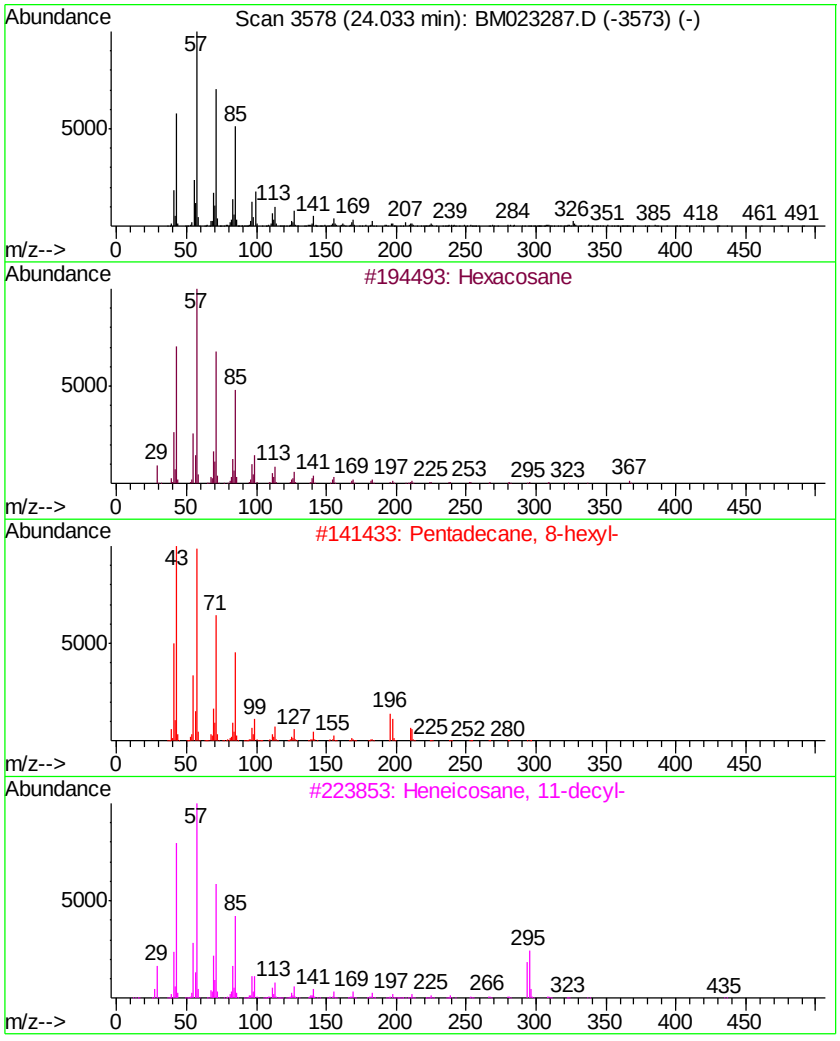
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

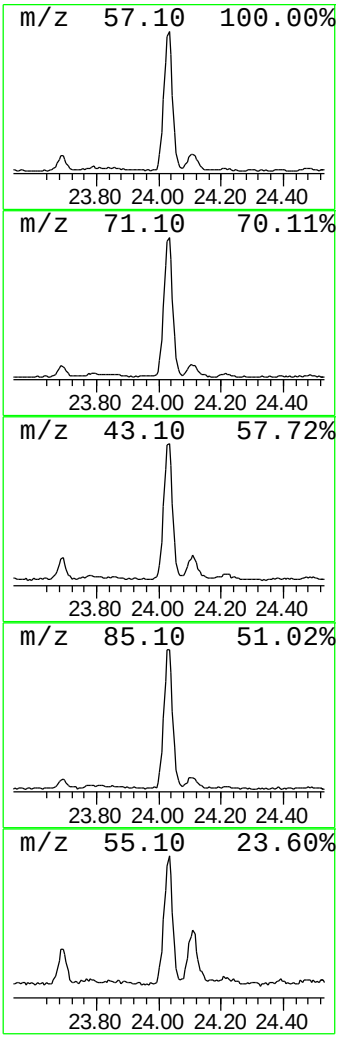
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	5.31 ng/ul	1681710	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101919\
Data File : BM023287.D
Acq On : 19 Oct 2019 14:30
Operator : JU
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
unknown-01	20.90	3.4	ng/ul	1065550	5	21.23	6246150	20.0
(DEL) Alkane: Cyc...	20.98	2.8	ng/ul	860786	5	21.23	6246150	20.0
Tridecane, 1-iodo-	21.86	3.0	ng/ul	933567	5	21.23	6246150	20.0
(DEL) Alkane: Str...	22.82	6.0	ng/ul	1898480	6	23.43	6337020	20.0
(DEL) Alkane: Str...	24.03	5.3	ng/ul	1681710	6	23.43	6337020	20.0