LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023258.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5345-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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	3.169	27	31	38	rBV	302344	366454	1.82%	0.209%
2	3.446	75	78	85	rBV	60043	96916	0.48%	0.055%
3	3.810	137	140	147	rVB	29437	48336	0.24%	0.028%
4	3.899	151	155	158	rVB3	17475	24051	0.12%	0.014%
5	6.334	566	569	580	rVB8	19079	40939	0.20%	0.023%
6	6.669	622	626	632	rBV8	14320	28190	0.14%	0.016%
7	6.834	646	654	668	rBV	3310053	5738535	28.57%	3.272%
8	6.998	674	682	698	rBV	2414679	3880077	19.32%	2.212%
9	7.192	706	715	726	rBV	3514723	5490666	27.34%	3.131%
10	7.657	787	794	803	rBV	1306630	2054626	10.23%	1.171%
11	7.734	804	807	814	rVB2	26270	41493	0.21%	0.024%
12	8.363	906	914	926	rBV	3968732	6331075	31.52%	3.610%
13	8.804	980	989	1003	rBV	3072551	5017864	24.98%	2.861%
14	9.286	1065	1071	1076	rVB	63023	97582	0.49%	0.056%
15	9.522	1103	1111	1121	rBV	2503611	4226773	21.05%	2.410%
16	10.063	1195	1203	1218	rBV	4185326	6780989	33.76%	3.866%
17	10.439	1257	1267	1274	rBV	1661135	2760883	13.75%	1.574%
18	10.575	1281	1290	1299	rBV	3731501	6437267	32.05%	3.670%
19	10.957	1349	1355	1359	rVB8	11815	23798	0.12%	0.014%
20	11.498	1445	1447	1454	rVB6	12755	22633	0.11%	0.013%
21	11.904	1509	1516	1520	rVB5	15713	31860	0.16%	0.018%
22	12.033	1532	1538	1544	rVB2	74516	122383	0.61%	0.070%
23	12.663	1639	1645	1649	rBV8	15637	27037	0.13%	0.015%
24	12.816	1666	1671	1676	rBV7	22599	39993	0.20%	0.023%
25	12.874	1676	1681	1685	rVV6	15224	27489	0.14%	0.016%
26	12.922	1685	1689	1694	rVB7	19221	31085	0.15%	0.018%
27	13.157	1723	1729	1733	rBV3	41348	57535	0.29%	0.033%
28	13.222	1736	1740	1746	rBV7	16160	28624	0.14%	0.016%
29	13.722	1818	1825	1829	rVV	6747205	9186000	45.74%	5.237%
30	13.769	1829	1833	1839	rVV	1657998	2241302	11.16%	1.278%
31	13.821	1839	1842	1846	rVV3	42415	58857	0.29%	0.034%
32	13.992	1864	1871	1882	rVB	7831351	11890704	59.20%	6.780%
33	14.133	1892	1895	1903	rBV10	17325	31904	0.16%	0.018%
34	14.239	1908	1913	1917	rBV2	68172	92268	0.46%	0.053%

LSC Area Percent Report

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Data File : BM023258.D
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Operator : JU
Sample : K5345-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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	14.304	1917	1924	1932	rVB2	2464275	3671614	18.28%	2.093%
36	14.504	1951	1958	1968	rBV	2838546	4086236	20.35%	2.330%
37	14.727	1991	1996	2005	rVB4	152531	241078	1.20%	0.137%
38	14.863	2015	2019	2024	rVB6	21086	30424	0.15%	0.017%
39	15.139	2062	2066	2070	rBV2	40160	53435	0.27%	0.030%
40	15.192	2070	2075	2080	rVB	97235	128525	0.64%	0.073%
41	15.298	2086	2093	2103	rBV	9525582	14149402	70.45%	8.067%
42	15.416	2107	2113	2124	rBV	2444507	3448801	17.17%	1.966%
43	15.539	2129	2134	2139	rVV	121841	181958	0.91%	0.104%
44	15.598	2139	2144	2151	rVB2	60600	100313	0.50%	0.057%
45	15.751	2166	2170	2174	rBV5	19116	28302	0.14%	0.016%
46	15.810	2175	2180	2185	rVB8	16338	32277	0.16%	0.018%
47	15.998	2210	2212	2218	rVB3	21818	23767	0.12%	0.014%
48	16.057	2218	2222	2224	rVV	131610	181910	0.91%	0.104%
49	16.080	2224	2226	2235	rVB3	158184	216174	1.08%	0.123%
50	16.398	2276	2280	2285	rBV7	17246	37490	0.19%	0.021%
51	16.468	2288	2292	2297	rVB6	20115	35729	0.18%	0.020%
52	16.733	2333	2337	2340	rVB5	32086	40833	0.20%	0.023%
53	16.845	2345	2356	2362	rBV2	135003	225627	1.12%	0.129%
54	16.898	2362	2365	2372	rVB	56078	86642	0.43%	0.049%
55	17.051	2384	2391	2397	rBV2	2983004	4361270	21.71%	2.487%
56	17.145	2400	2407	2418	rBV2	10467129	15265662	76.01%	8.704%
57	17.245	2421	2424	2428	rBV4	44801	53696	0.27%	0.031%
58	17.586	2477	2482	2486	rBV	120086	152929	0.76%	0.087%
59	17.968	2543	2547	2555	rBV2	165001	257996	1.28%	0.147%
60	18.280	2594	2600	2605	rBV3	131320	195134	0.97%	0.111%
61	18.915	2704	2708	2713	rBV	104481	126514	0.63%	0.072%
62	19.080	2731	2736	2740	rBV	139566	194622	0.97%	0.111%
63	19.327	2774	2778	2784	rBV	122130	171469	0.85%	0.098%
64	19.445	2789	2798	2804	rBV	13483509	18360799	91.42%	10.469%
65	19.498	2804	2807	2810	rVB	101339	107552	0.54%	0.061%
66	20.033	2895	2898	2904	rBV	150203	171540	0.85%	0.098%
67	20.527	2980	2982	2987	rVB2	163780	169764	0.85%	0.097%
68	20.986	3056	3060	3066	rBV2	1103946	1493277	7.44%	0.851%
69	21.239	3098	3103	3108	rBV	4228429	5330938	26.54%	3.039%
70	21.433	3133	3136	3139	rVB	370152	367329	1.83%	0.209%
71	21.868	3206	3210	3217	rBV	419277	590485	2.94%	0.337%

LSC Area Percent Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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	22.327	3285	3288	3292	rVB	472994	585880	2.92%	0.334%
73	22.833	3371	3374	3378	rVB	490712	617280	3.07%	0.352%
74	23.315	3448	3456	3464	rVB	10935254	20084221	100.00%	11.451%
75	23.397	3467	3470	3473	rVV	491262	756045	3.76%	0.431%
76	23.450	3473	3479	3486	rVB2	3113402	5599283	27.88%	3.192%

Sum of corrected areas: 175390410

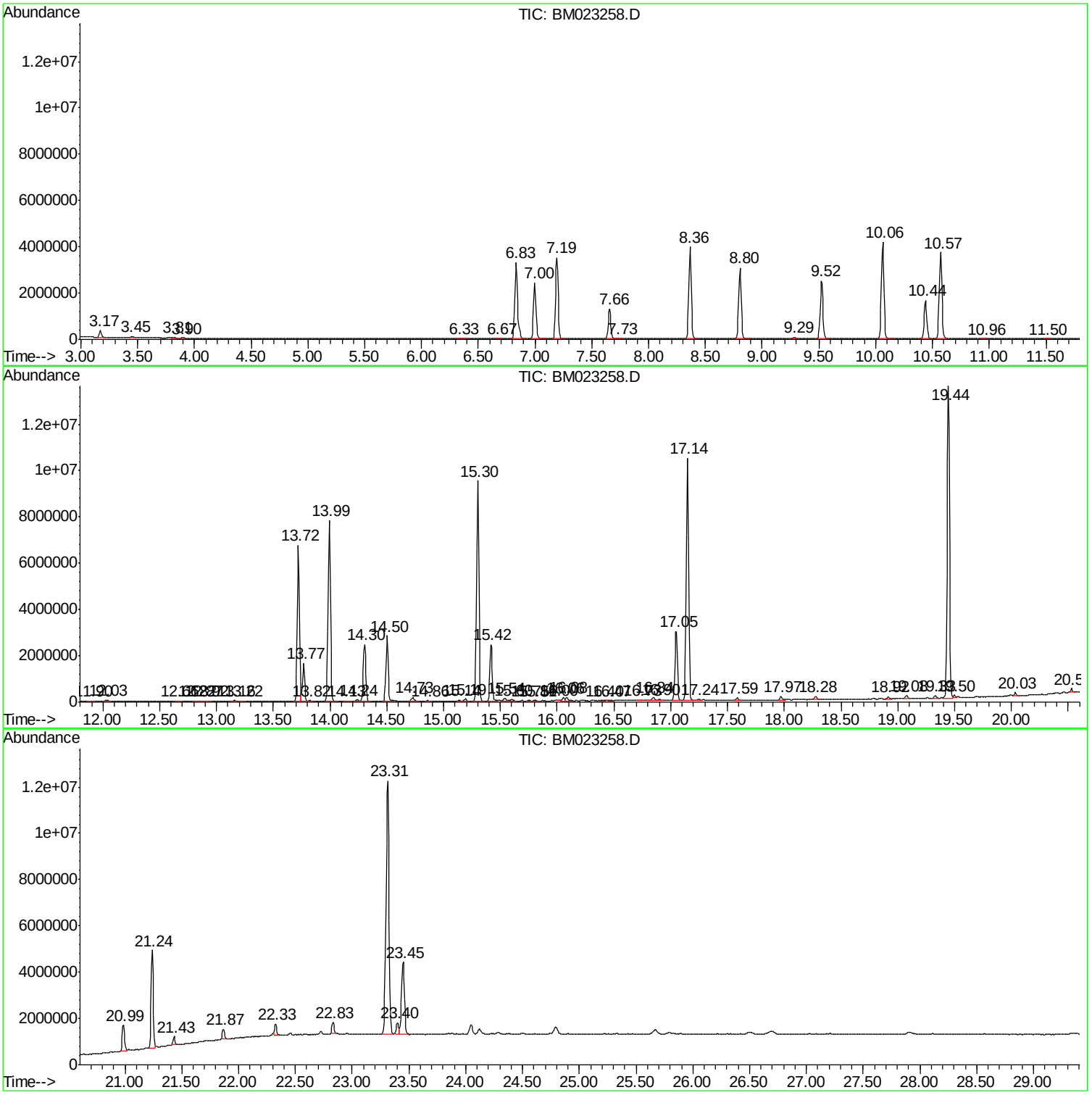
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023258.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5345-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023258.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5345-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

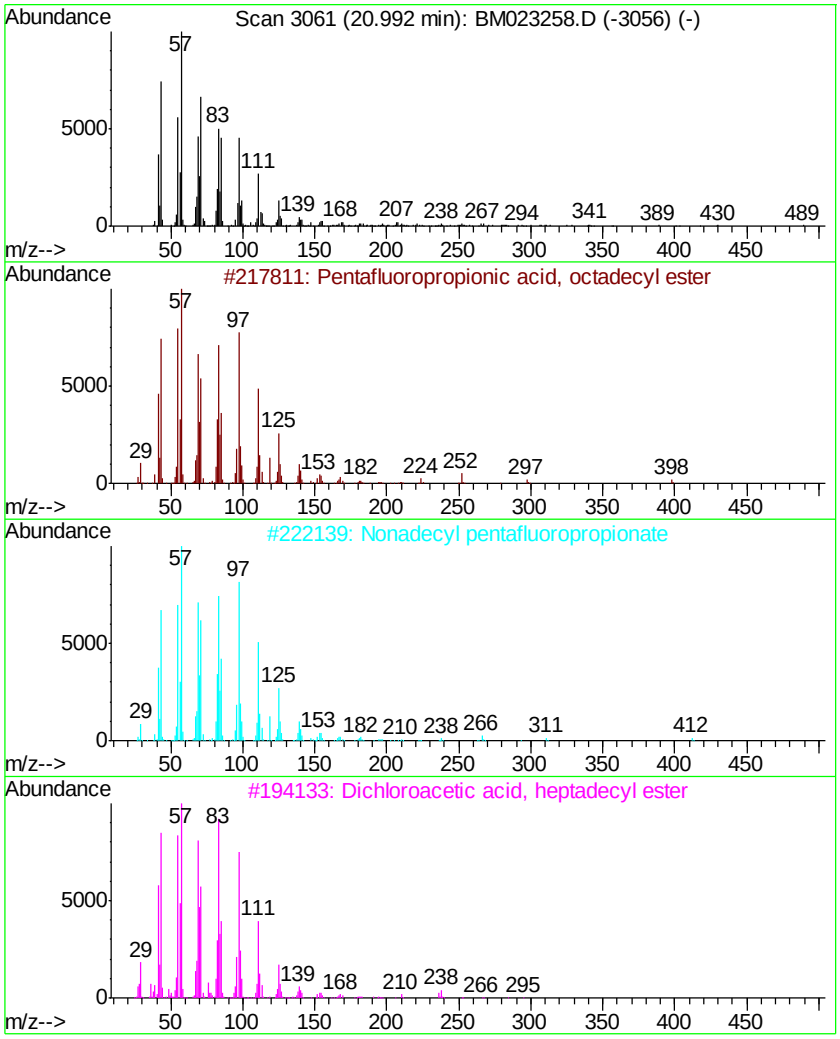
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

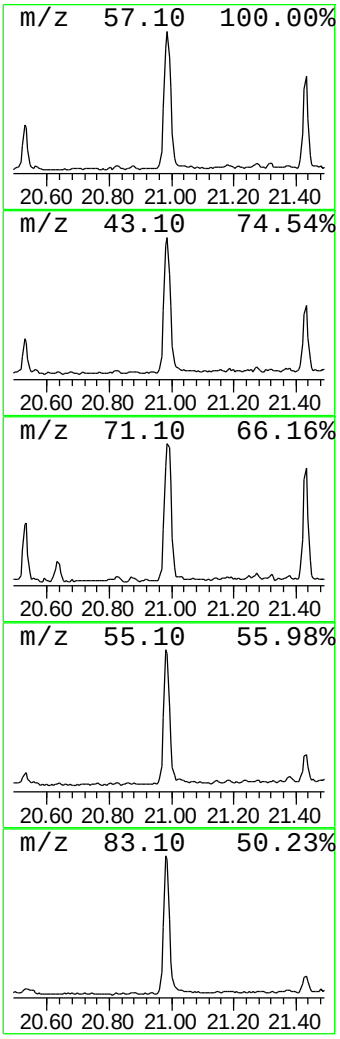
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentafluoropropionic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.60 ng/ul	1493280	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Library Search Compound Report

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Sample : K5345-18
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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

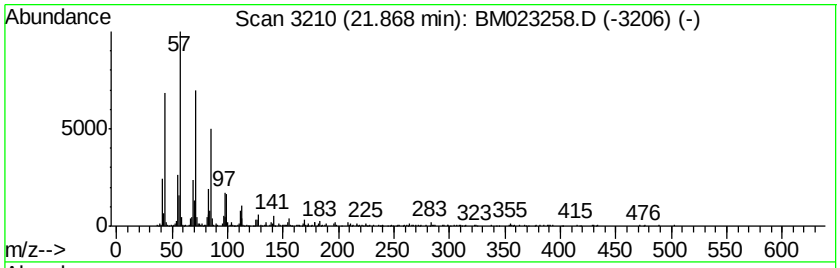
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

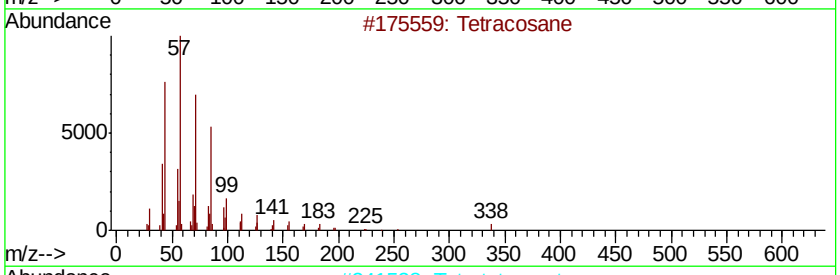
****

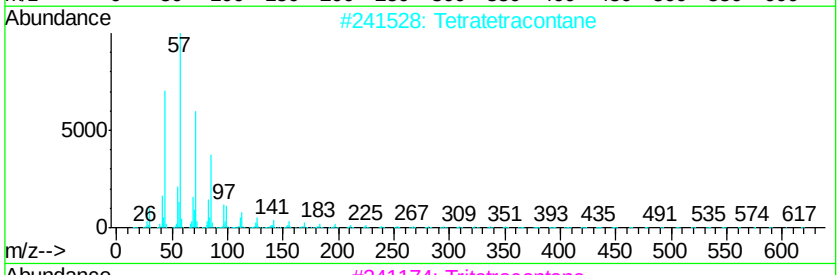
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

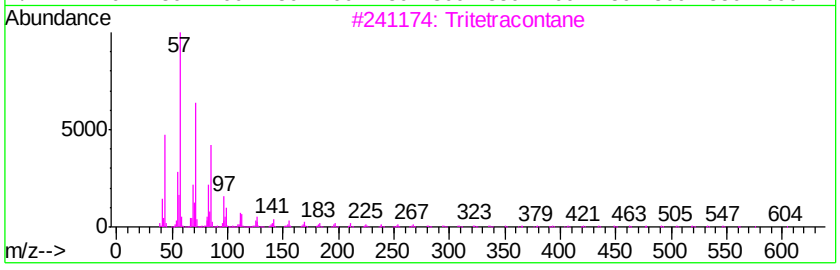
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.22 ng/ul	590485	Chrysene-d12	21.24

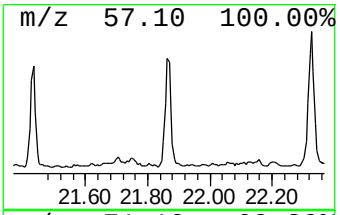
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91

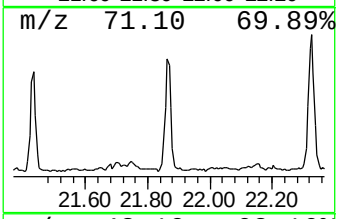


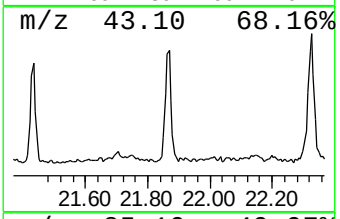


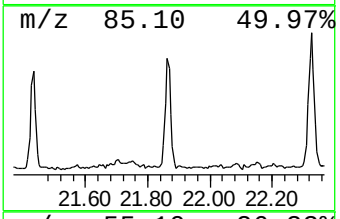


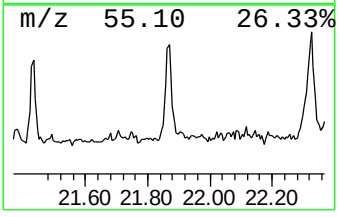












Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : ETOL2

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

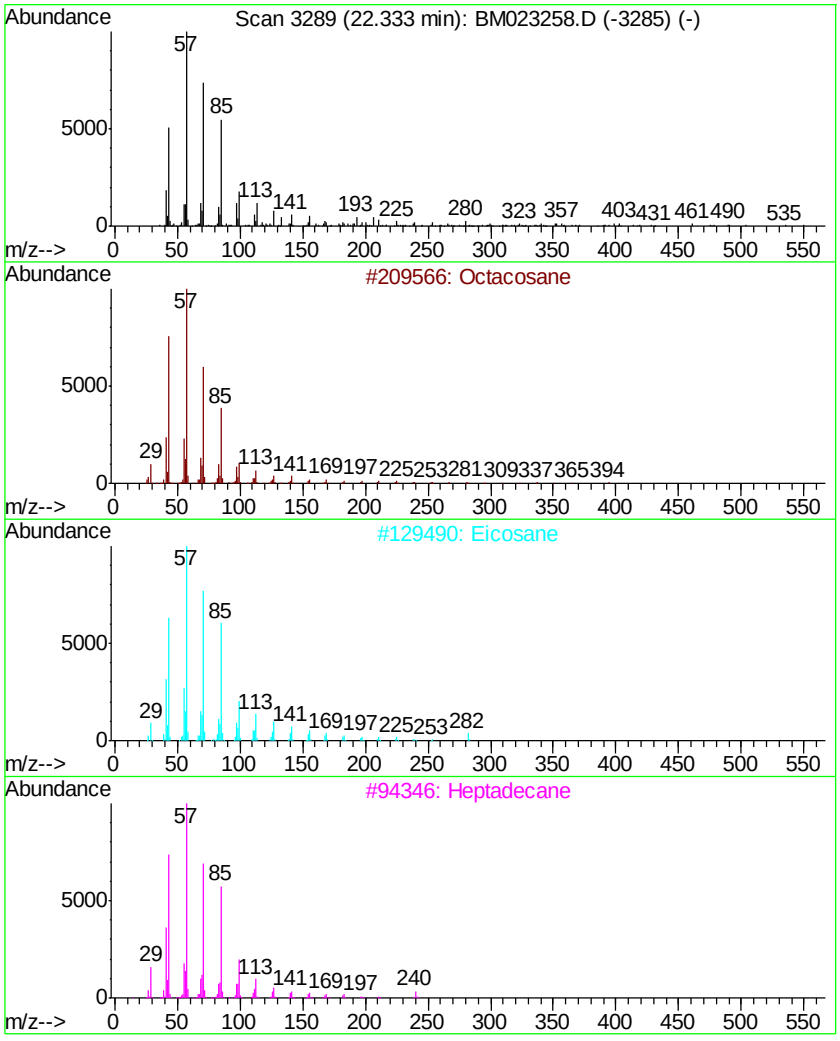
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

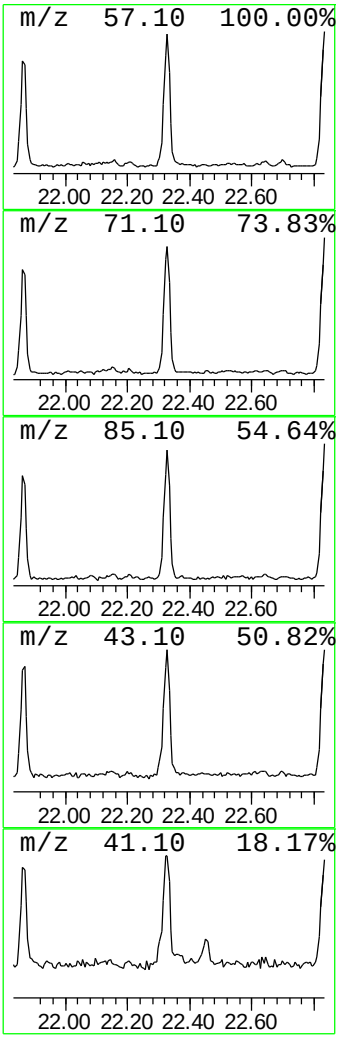
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.20 ng/ul	585880	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heneicosane	296	C21H44	000629-94-7	93
5	Eicosane	282	C20H42	000112-95-8	89





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

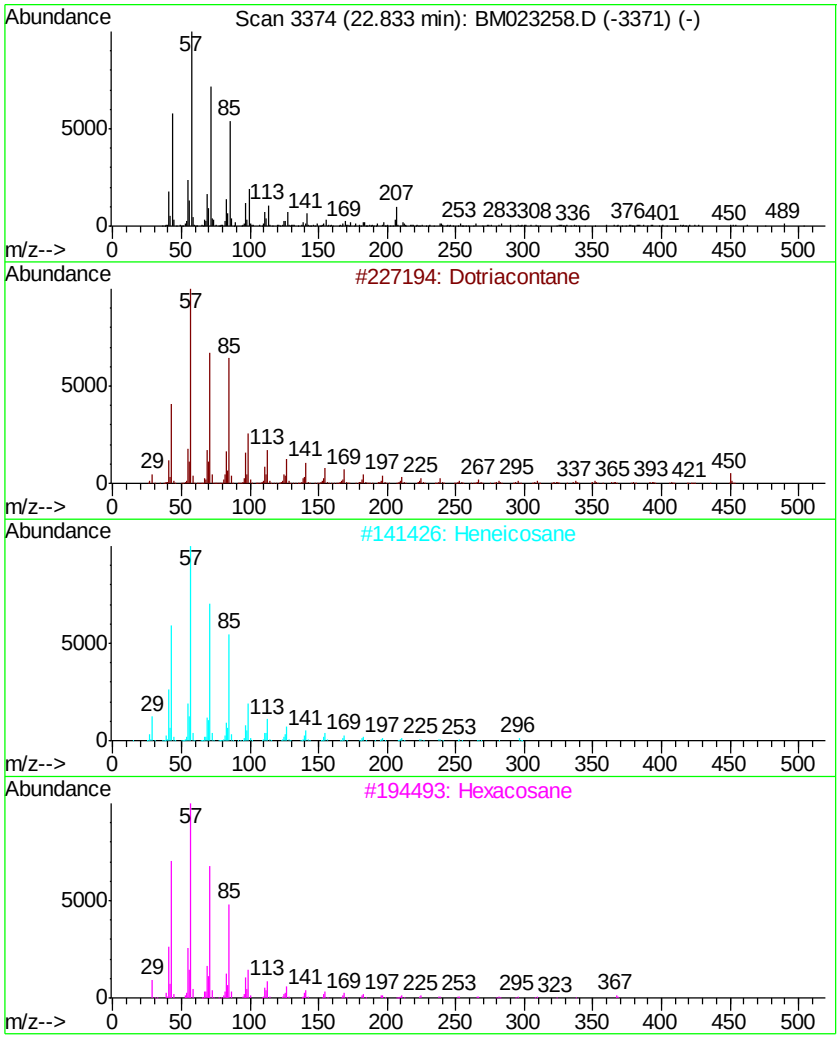
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

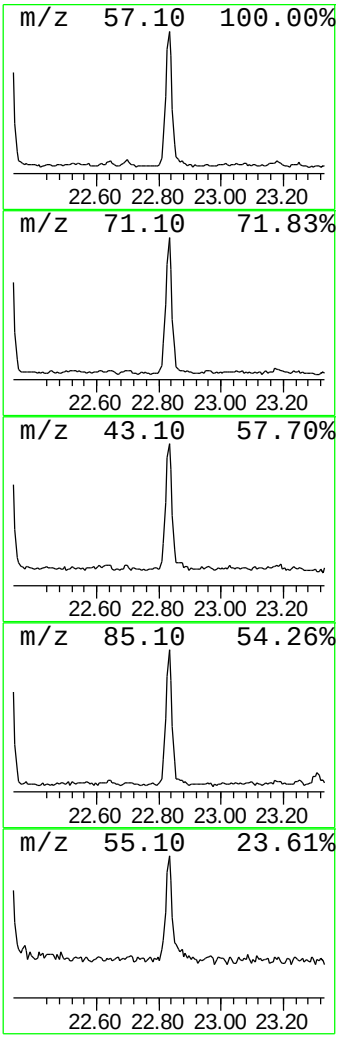
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.20 ng/ul	617280	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Octacosane	394	C28H58	000630-02-4	81





Library Search Compound Report

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Data File : BM023258.D
Acq On : 18 Oct 2019 15:25
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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

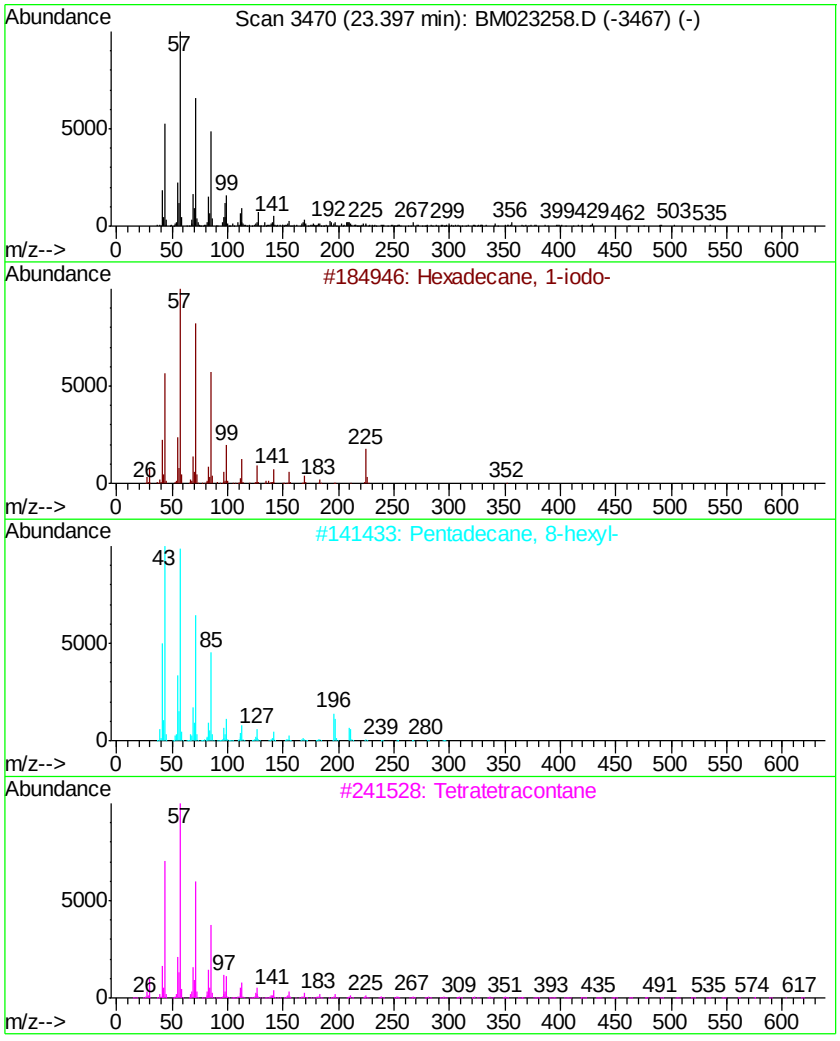
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

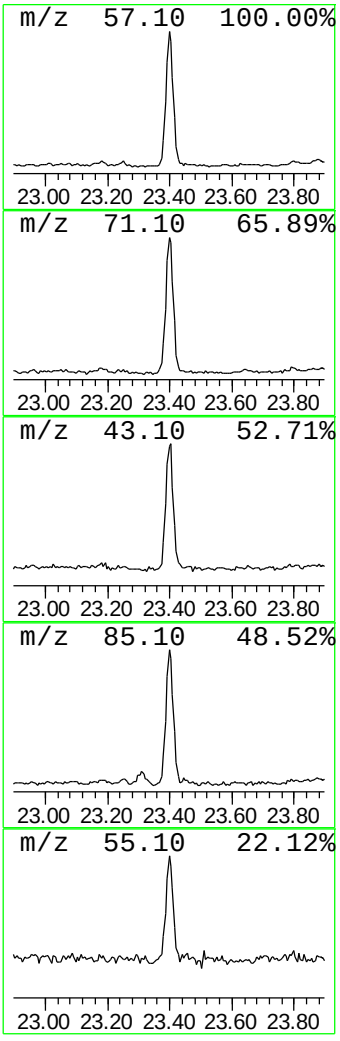
****

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	2.70 ng/ul	756045	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023258.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5345-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL2

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
Pentafluoropropio...	20.99	5.6	ng/ul	1493280	5	21.24	5330940	20.0
(DEL) Alkane: Str...	21.87	2.2	ng/ul	590485	5	21.24	5330940	20.0
(DEL) Alkane: Str...	22.33	2.2	ng/ul	585880	5	21.24	5330940	20.0
(DEL) Alkane: Str...	22.83	2.2	ng/ul	617280	6	23.45	5599280	20.0
Hexadecane, 1-iodo-	23.40	2.7	ng/ul	756045	6	23.45	5599280	20.0