LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023254.D
Acq On : 18 Oct 2019 12:26
Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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	39	rVB	82836	120321	1.30%	0.130%
2	3.810	138	140	146	rVB	20475	24392	0.26%	0.026%
3	3.899	149	155	160	rBV	23806	38578	0.42%	0.042%
4	5.204	373	377	381	rBV6	8498	11446	0.12%	0.012%
5	6.346	565	571	576	rBV7	10821	20213	0.22%	0.022%
6	6.675	621	627	630	rVV5	7171	12840	0.14%	0.014%
7	6.834	646	654	664	rBV2	324722	646400	7.01%	0.701%
8	6.998	675	682	695	rBV	922647	1533114	16.63%	1.662%
9	7.192	707	715	726	rBV	1155495	1840179	19.96%	1.995%
10	7.657	785	794	801	rBV	1267729	1990340	21.59%	2.158%
11	7.740	802	808	813	rVB7	12954	23684	0.26%	0.026%
12	8.104	866	870	874	rBV6	7148	12389	0.13%	0.013%
13	8.363	907	914	923	rBV	869902	1392760	15.11%	1.510%
14	8.804	979	989	1000	rBV	1235162	2030448	22.02%	2.202%
15	8.945	1009	1013	1014	rBV4	9648	11235	0.12%	0.012%
16	8.986	1017	1020	1026	rVB8	8051	14503	0.16%	0.016%
17	9.286	1064	1071	1075	rBV7	18087	31164	0.34%	0.034%
18	9.522	1101	1111	1120	rBV	984894	1664529	18.05%	1.805%
19	9.939	1175	1182	1187	rBV8	19700	41238	0.45%	0.045%
20	10.063	1196	1203	1216	rBV	1599521	2610192	28.31%	2.830%
21	10.439	1259	1267	1275	rBV	1627914	2704099	29.33%	2.932%
22	10.575	1282	1290	1298	rBV	169459	309433	3.36%	0.336%
23	11.192	1389	1395	1398	rBV7	6887	12720	0.14%	0.014%
24	11.680	1472	1478	1483	rBV7	8869	17718	0.19%	0.019%
25	11.957	1520	1525	1527	rBV5	7677	11414	0.12%	0.012%
26	12.033	1534	1538	1544	rVB2	29110	48812	0.53%	0.053%
27	12.339	1585	1590	1596	rBV7	12762	31766	0.34%	0.034%
28	12.669	1642	1646	1650	rVB6	7662	11565	0.13%	0.013%
29	12.922	1684	1689	1694	rBV6	9478	13798	0.15%	0.015%
30	13.157	1723	1729	1733	rBV7	13242	23357	0.25%	0.025%
31	13.222	1733	1740	1745	rVV4	16985	30969	0.34%	0.034%
32	13.286	1745	1751	1759	rVB3	38169	78821	0.85%	0.085%
33	13.580	1794	1801	1807	rBV6	25066	46514	0.50%	0.050%
34	13.722	1818	1825	1829	rBV	2867832	3917965	42.49%	4.248%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
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Acq On : 18 Oct 2019 12:26
Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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	13.769	1829	1833	1840	rVB	815738	1124602	12.20%	1.219%
36	13.992	1864	1871	1880	rBV	3431126	4930744	53.48%	5.347%
37	14.233	1908	1912	1917	rVB4	13082	20808	0.23%	0.023%
38	14.304	1917	1924	1932	rBV2	2445942	3680738	39.92%	3.991%
39	14.504	1952	1958	1966	rBV	287300	465341	5.05%	0.505%
40	14.739	1992	1998	2003	rBV7	29606	49986	0.54%	0.054%
41	15.139	2060	2066	2071	rVB6	16229	27715	0.30%	0.030%
42	15.192	2071	2075	2079	rBV5	20127	28663	0.31%	0.031%
43	15.298	2087	2093	2103	rVB	4118727	6012389	65.21%	6.519%
44	15.416	2108	2113	2122	rBV	992197	1424530	15.45%	1.545%
45	15.539	2129	2134	2141	rVB2	49896	76709	0.83%	0.083%
46	15.668	2154	2156	2158	rBV3	9006	9246	0.10%	0.010%
47	15.780	2171	2175	2178	rVB5	8420	11515	0.12%	0.012%
48	15.874	2188	2191	2195	rBV5	9264	15362	0.17%	0.017%
49	16.057	2218	2222	2224	rVV3	22914	27833	0.30%	0.030%
50	16.086	2224	2227	2234	rVB6	27205	48284	0.52%	0.052%
51	16.315	2262	2266	2270	rBV5	9282	15589	0.17%	0.017%
52	16.468	2289	2292	2294	rBV4	10747	14774	0.16%	0.016%
53	16.727	2334	2336	2342	rVB7	9671	11821	0.13%	0.013%
54	16.845	2349	2356	2362	rBV6	21325	42044	0.46%	0.046%
55	16.986	2376	2380	2381	rBV4	10909	9693	0.11%	0.011%
56	17.051	2385	2391	2397	rVV2	2907275	4254070	46.14%	4.613%
57	17.145	2401	2407	2418	rBV	4796911	6960377	75.49%	7.547%
58	17.298	2428	2433	2438	rVB2	45060	77902	0.84%	0.084%
59	17.415	2450	2453	2455	rBV4	7959	10361	0.11%	0.011%
60	17.462	2457	2461	2464	rVV6	18193	23186	0.25%	0.025%
61	17.586	2478	2482	2491	rBV4	28224	48137	0.52%	0.052%
62	17.739	2505	2508	2509	rBV3	8747	9616	0.10%	0.010%
63	17.968	2543	2547	2553	rBV4	57332	82777	0.90%	0.090%
64	18.039	2555	2559	2563	rVB	101494	139182	1.51%	0.151%
65	18.280	2596	2600	2603	rBV2	60849	66811	0.72%	0.072%
66	18.915	2704	2708	2712	rBV	121165	156156	1.69%	0.169%
67	19.080	2732	2736	2740	rBV	64731	98802	1.07%	0.107%
68	19.333	2775	2779	2785	rBV	55878	83991	0.91%	0.091%
69	19.445	2792	2798	2804	rBV2	6162658	8404795	91.15%	9.114%
70	19.498	2804	2807	2810	rVV	210678	234742	2.55%	0.255%
71	19.533	2810	2813	2816	rVB	150513	159987	1.74%	0.173%

LSC Area Percent Report

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Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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	20.033	2895	2898	2902	rBV	342038	376454	4.08%	0.408%
73	20.533	2979	2983	2986	rVB	571196	584130	6.34%	0.633%
74	20.933	3047	3051	3055	rBV	289124	461144	5.00%	0.500%
75	20.986	3056	3060	3065	rVV3	1794298	2789236	30.25%	3.024%
76	21.033	3065	3068	3074	rVB	1560125	1711736	18.56%	1.856%
77	21.239	3098	3103	3108	rBV	3990440	5146592	55.82%	5.581%
78	21.433	3132	3136	3141	rBV	1179203	1307142	14.18%	1.417%
79	21.868	3206	3210	3218	rBV	1118503	1374405	14.91%	1.490%
80	22.327	3285	3288	3296	rVB	936697	1251535	13.57%	1.357%
81	22.839	3371	3375	3380	rVB	764977	1053395	11.42%	1.142%
82	23.315	3449	3456	3465	rVB	5113016	9220509	100.00%	9.998%
83	23.403	3467	3471	3474	rVV	733657	1223087	13.26%	1.326%
84	23.450	3474	3479	3491	rVB	2989470	5534792	60.03%	6.002%

Sum of corrected areas: 92222351

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023254.D
Acq On : 18 Oct 2019 12:26
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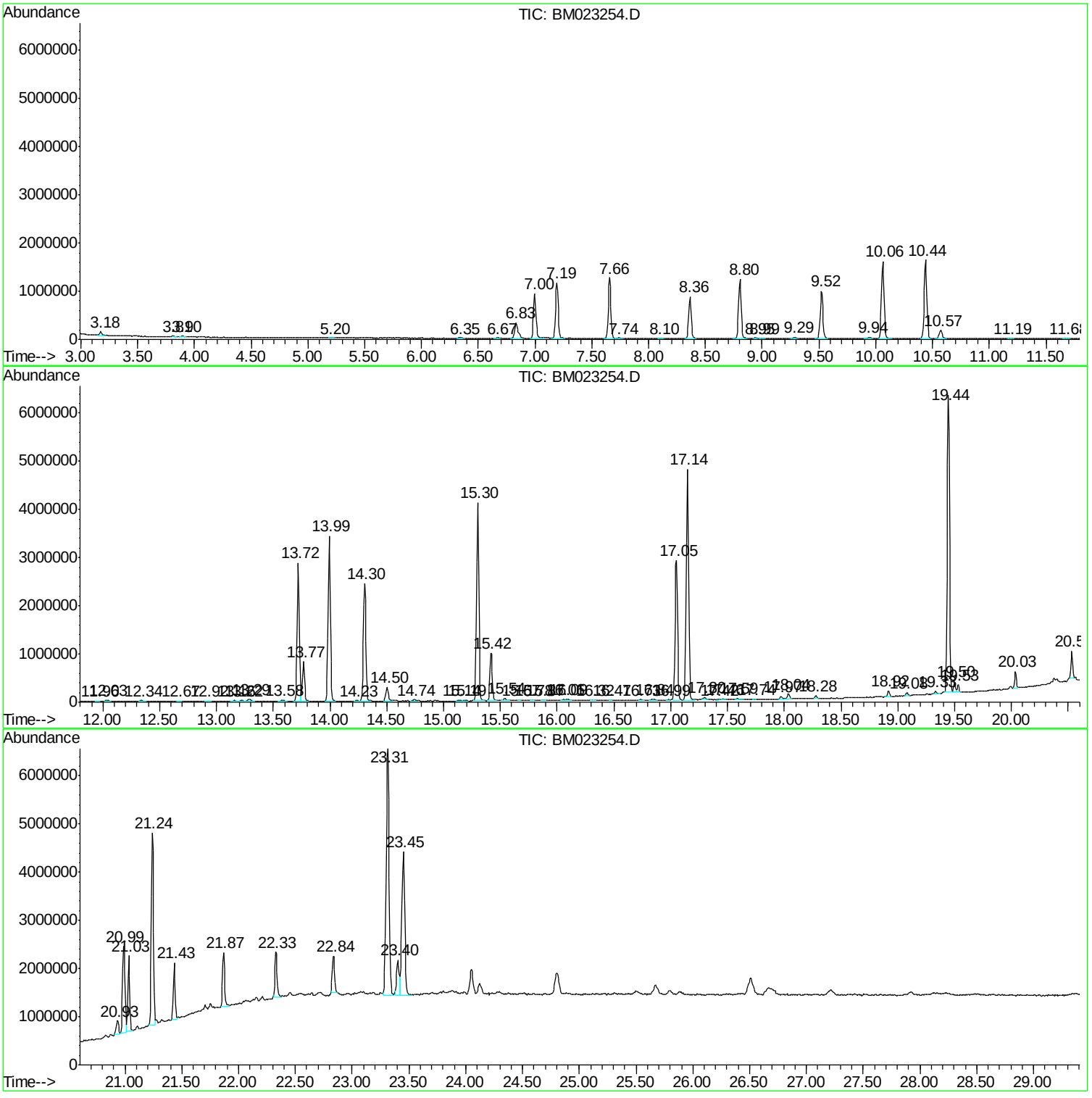
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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 : BM023254.D
Acq On : 18 Oct 2019 12:26
Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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

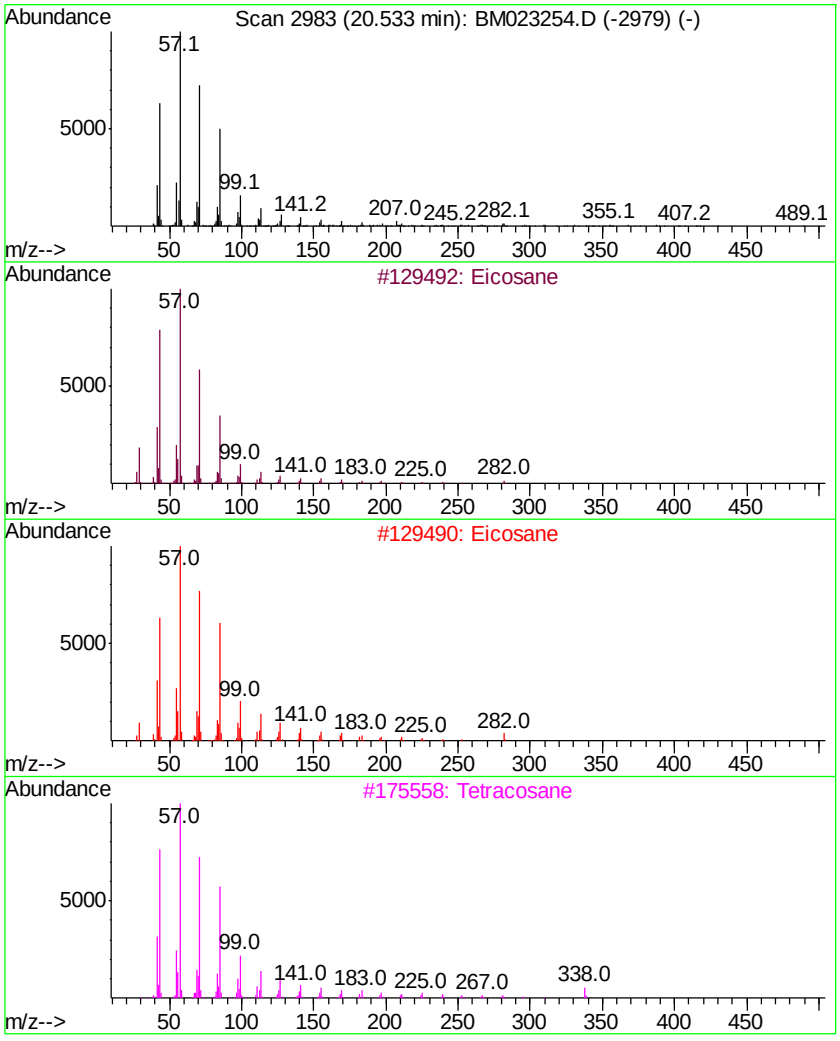
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

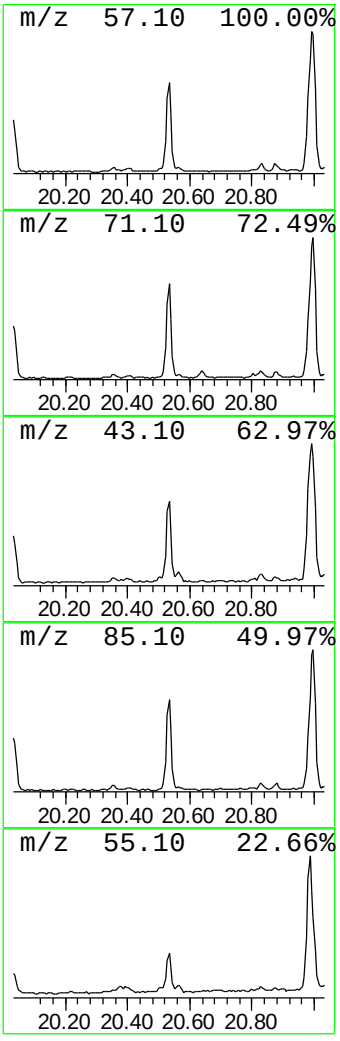
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	2.27 ng/ul	584130	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Tetracosane	338	C24H50	000646-31-1	95
4	Tetracosane	338	C24H50	000646-31-1	93
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023254.D
Acq On : 18 Oct 2019 12:26
Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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

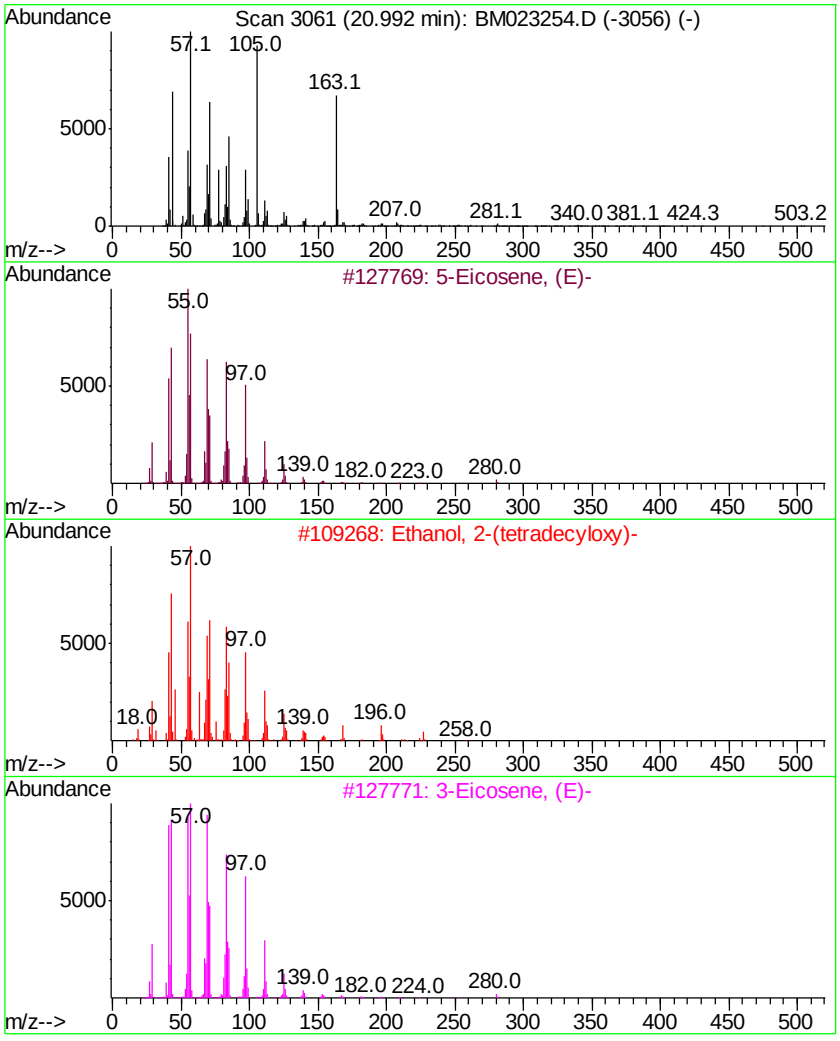
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

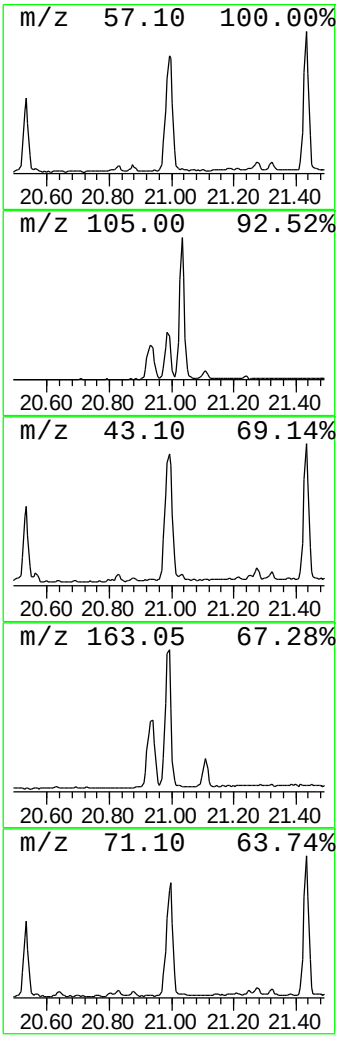
****

Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	10.84 ng/ul	2789240	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	92
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023254.D
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Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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

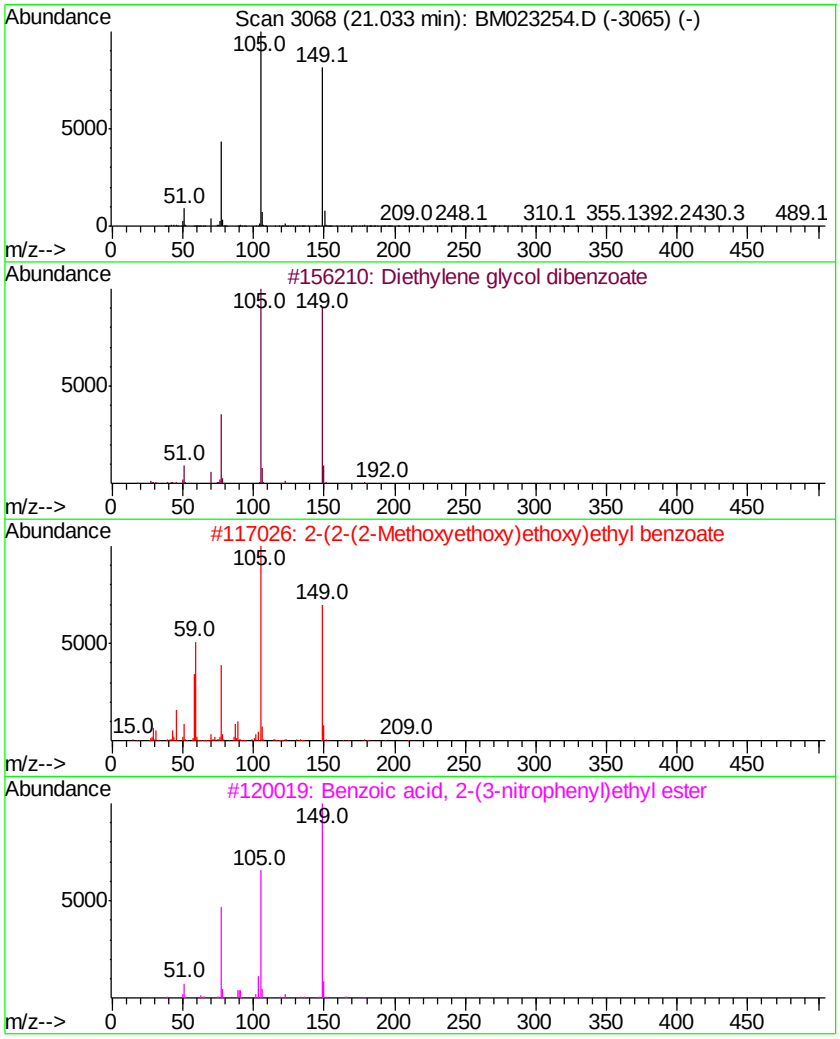
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

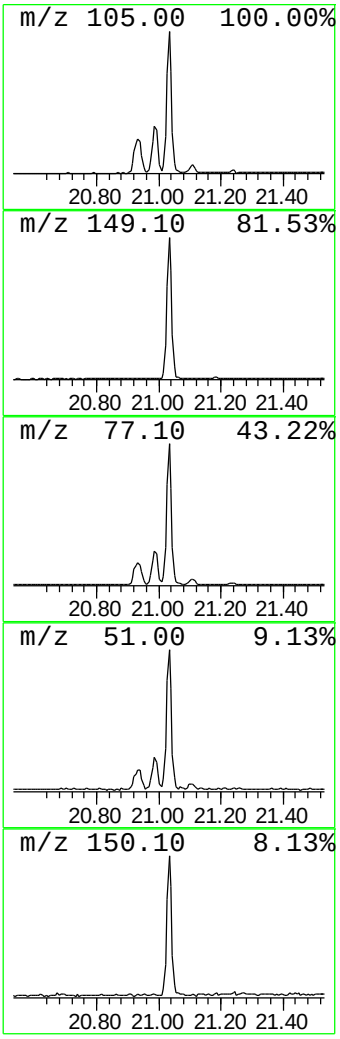
****

Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	6.65 ng/ul	1711740	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
4	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	72
5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
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Instrument : BNA_M
ClientSampleId : E0AA5

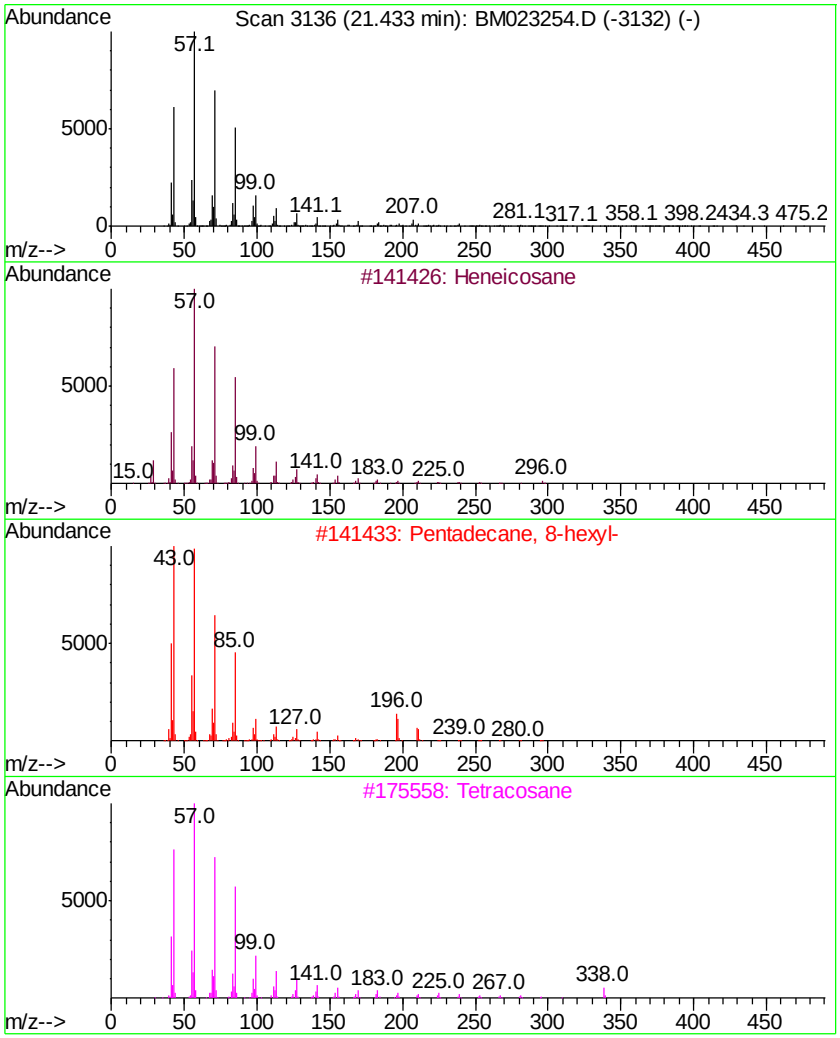
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

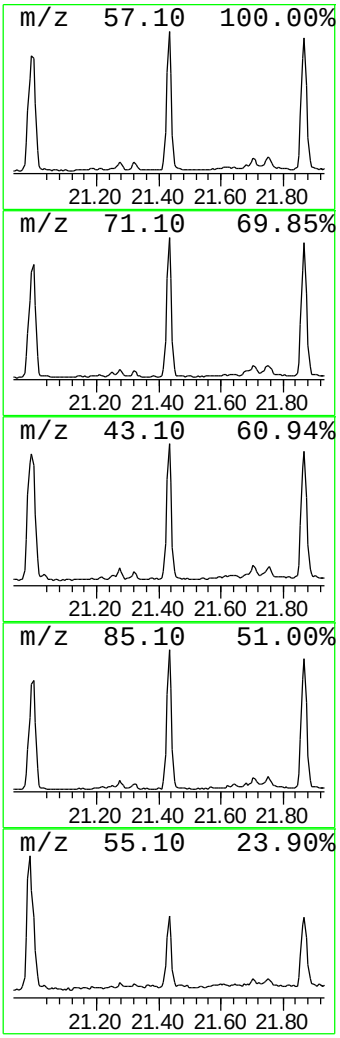
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	5.08 ng/ul	1307140	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Tetracosane	338	C24H50	000646-31-1	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

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Data File : BM023254.D
Acq On : 18 Oct 2019 12:26
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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

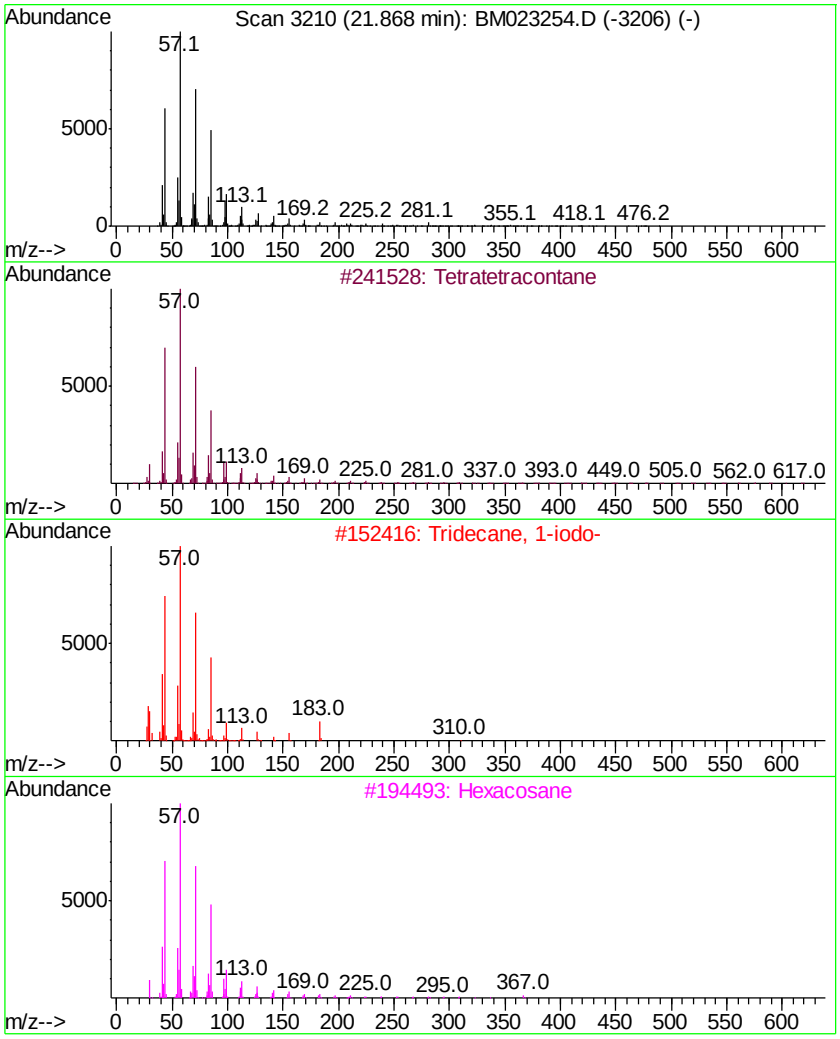
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

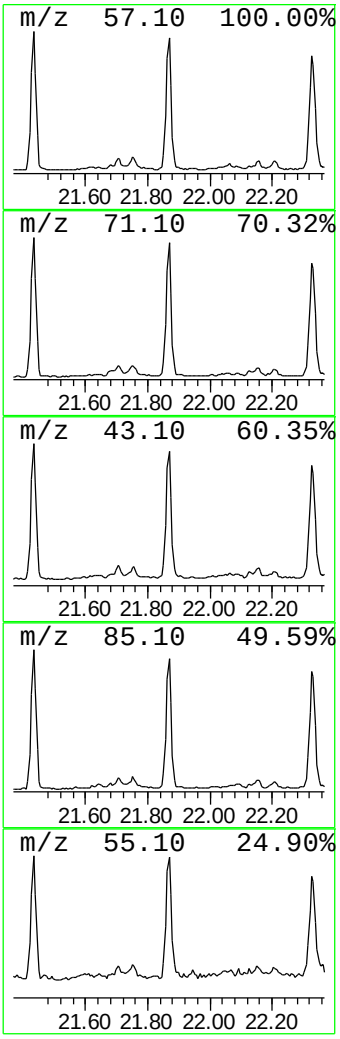
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	5.34 ng/ul	1374410	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

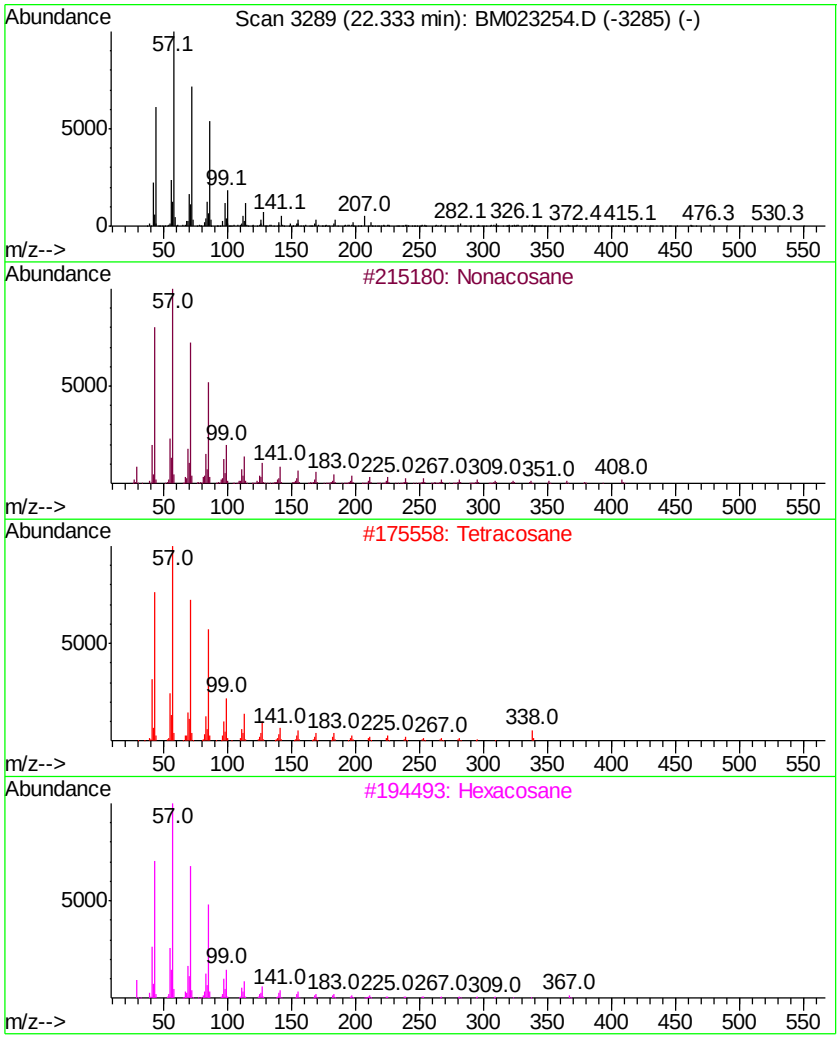
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

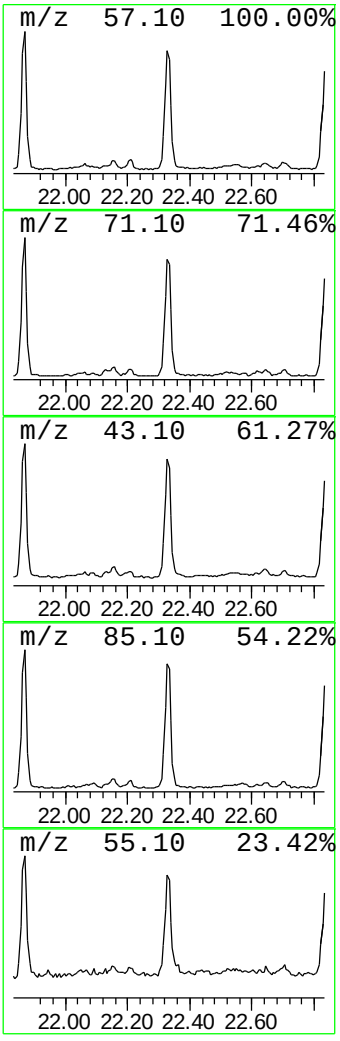
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	4.86 ng/ul	1251540	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Hexacosane	366	C26H54	000630-01-3	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Tetracosane	338	C24H50	000646-31-1	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023254.D
Acq On : 18 Oct 2019 12:26
Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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

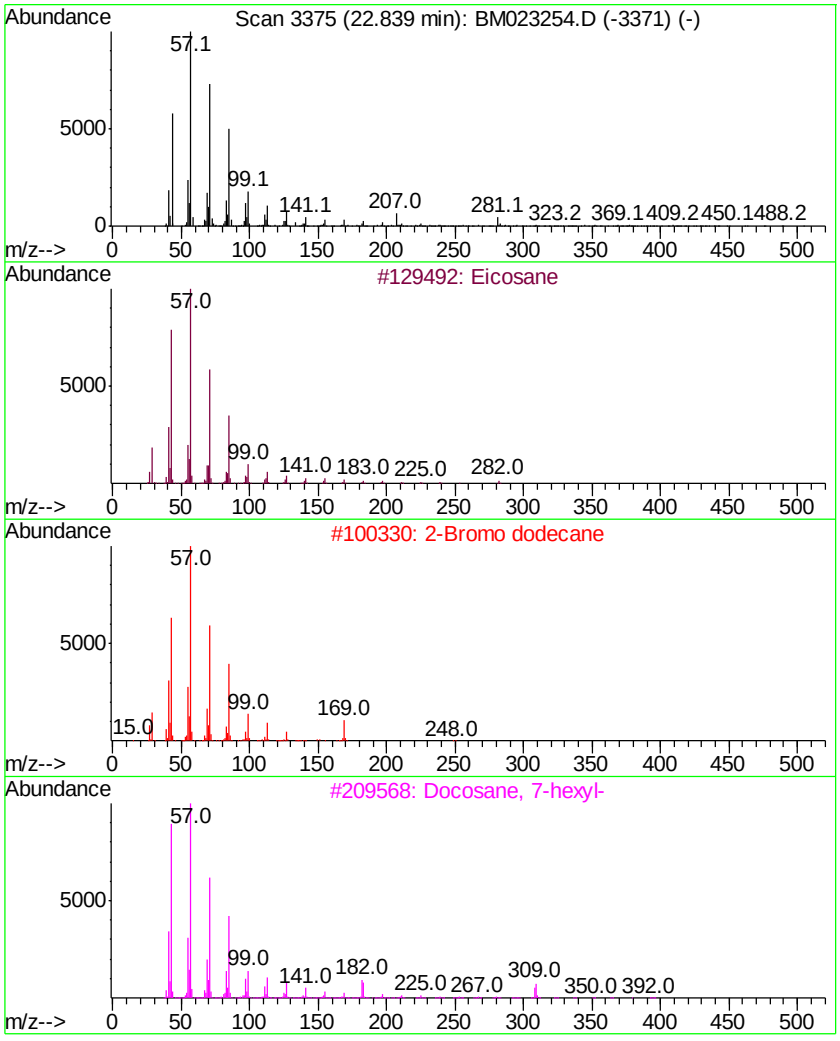
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

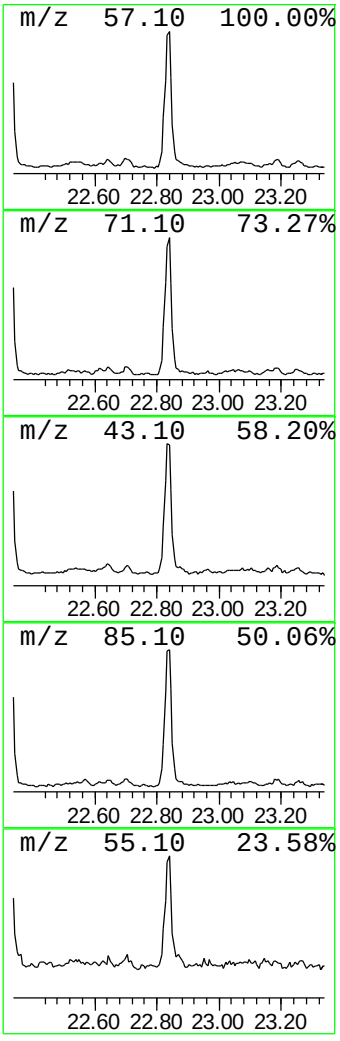
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	3.81 ng/ul	1053400	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	Tetratetracontane	619	C44H90	007098-22-8	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 : BM023254.D
Acq On : 18 Oct 2019 12:26
Operator : JU
Sample : K5321-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0AA5

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
(DEL) Alkane: Str...	20.53	2.3	ng/ul	584130	5	21.24	5146590	20.0
(DEL) Alkane: Cyc...	20.99	10.8	ng/ul	2789240	5	21.24	5146590	20.0
Diethylene glycol...	21.03	6.7	ng/ul	1711740	5	21.24	5146590	20.0
(DEL) Alkane: Str...	21.43	5.1	ng/ul	1307140	5	21.24	5146590	20.0
(DEL) Alkane: Str...	21.87	5.3	ng/ul	1374410	5	21.24	5146590	20.0
(DEL) Alkane: Str...	22.33	4.9	ng/ul	1251540	5	21.24	5146590	20.0
(DEL) Alkane: Str...	22.84	3.8	ng/ul	1053400	6	23.45	5534790	20.0