LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

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-BM111119MA.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	3.075	29	32	41	rVB	45705	78298	0.43%	0.047%
2	3.581	115	118	126	rVB	33479	45974	0.26%	0.028%
3	3.704	134	139	148	rVV	62957	110348	0.61%	0.066%
4	3.787	148	153	161	rVB	184098	268562	1.49%	0.162%
5	4.699	305	308	316	rVB2	22622	42892	0.24%	0.026%
6	6.240	565	570	577	rBV2	29657	55117	0.31%	0.033%
7	6.728	646	653	667	rVB	977676	1723504	9.57%	1.038%
8	6.887	674	680	692	rBV	882857	1441101	8.00%	0.868%
9	7.081	701	713	722	rBV	1091335	1833705	10.19%	1.105%
10	7.545	785	792	801	rBV	1744081	2779204	15.44%	1.674%
11	7.687	811	816	820	rVB	53785	77420	0.43%	0.047%
12	8.257	906	913	919	rBV	1385597	2203657	12.24%	1.327%
13	8.316	919	923	929	rVV	148047	294103	1.63%	0.177%
14	8.692	980	987	997	rVV	1117947	1819298	10.11%	1.096%
15	8.781	997	1002	1008	rVB	56152	95015	0.53%	0.057%
16	9.151	1061	1065	1072	rVB2	29497	47567	0.26%	0.029%
17	9.410	1100	1109	1125	rBV	901444	1540337	8.56%	0.928%
18	9.704	1154	1159	1162	rVV	48571	68208	0.38%	0.041%
19	9.739	1162	1165	1175	rVB3	58573	116435	0.65%	0.070%
20	9.945	1194	1200	1218	rVB	1540593	2640298	14.67%	1.590%
21	10.198	1237	1243	1247	rBV3	35618	59329	0.33%	0.036%
22	10.316	1256	1263	1270	rVV	2655181	4479984	24.88%	2.698%
23	10.392	1270	1276	1281	rVB2	130318	210733	1.17%	0.127%
24	10.463	1281	1288	1301	rBV	762649	1388215	7.71%	0.836%
25	11.916	1531	1535	1542	rBV	30582	52006	0.29%	0.031%
26	12.075	1557	1562	1570	rVB	64226	106018	0.59%	0.064%
27	13.045	1719	1727	1733	rBV4	37017	64778	0.36%	0.039%
28	13.116	1735	1739	1745	rBV	61525	101528	0.56%	0.061%
29	13.351	1774	1779	1782	rBV7	28720	42726	0.24%	0.026%
30	13.469	1791	1799	1804	rBV2	142324	225677	1.25%	0.136%
31	13.527	1805	1809	1815	rVB3	33085	51723	0.29%	0.031%
32	13.616	1818	1824	1829	rBV	3223352	4563007	25.34%	2.748%
33	13.663	1829	1832	1837	rVV	1097322	1536156	8.53%	0.925%
34	13.704	1837	1839	1845	rVB	81683	118962	0.66%	0.072%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

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-BM111119MA.M
Title : SVOA CALIBRATION

35	13.886	1863	1870	1881	rBV	3724604	5506945	30.59%	3.317%
36	14.069	1896	1901	1906	rVB3	34555	63183	0.35%	0.038%
37	14.127	1907	1911	1915	rVV2	51640	61238	0.34%	0.037%
38	14.198	1915	1923	1932	rVV	4796430	7003798	38.90%	4.219%
39	14.416	1954	1960	1974	rBV	485684	861574	4.79%	0.519%
40	14.563	1980	1985	1992	rBV	90268	136611	0.76%	0.082%
41	14.633	1992	1997	2004	rVV3	209746	369505	2.05%	0.223%
42	14.733	2009	2014	2020	rBV	91895	147260	0.82%	0.089%
43	15.027	2057	2064	2070	rBV5	31281	57158	0.32%	0.034%
44	15.086	2070	2074	2082	rVB5	46027	82947	0.46%	0.050%
45	15.198	2086	2093	2103	rBV	5018231	7070666	39.27%	4.259%
46	15.327	2109	2115	2124	rBV	1057572	1447413	8.04%	0.872%
47	15.439	2130	2134	2141	rVB2	49161	75841	0.42%	0.046%
48	16.104	2243	2247	2253	rVB7	67202	100042	0.56%	0.060%
49	16.457	2303	2307	2314	rVB9	26231	51958	0.29%	0.031%
50	16.739	2350	2355	2362	rBV3	53246	85829	0.48%	0.052%
51	16.951	2384	2391	2401	rBV	6027213	8504646	47.24%	5.123%
52	17.045	2401	2407	2421	rVV2	5490433	7737847	42.98%	4.661%
53	17.157	2423	2426	2432	rVB8	44051	65920	0.37%	0.040%
54	17.257	2439	2443	2451	rVB4	90030	147772	0.82%	0.089%
55	17.480	2477	2481	2486	rBV4	44982	65106	0.36%	0.039%
56	17.874	2543	2548	2552	rBV	441220	635717	3.53%	0.383%
57	17.921	2552	2556	2560	rVV3	321865	476118	2.64%	0.287%
58	17.968	2560	2564	2570	rVB3	160952	262755	1.46%	0.158%
59	18.174	2594	2599	2603	rVV6	133637	195155	1.08%	0.118%
60	18.245	2606	2611	2619	rBV2	360796	535416	2.97%	0.323%
61	18.309	2619	2622	2626	rBV5	46186	78504	0.44%	0.047%
62	18.433	2638	2643	2652	rBV2	366531	617146	3.43%	0.372%
63	18.515	2653	2657	2660	rVV4	100226	153897	0.85%	0.093%
64	18.586	2664	2669	2675	rVB	894571	1185152	6.58%	0.714%
65	18.715	2686	2691	2694	rBV2	164434	258312	1.43%	0.156%
66	18.827	2705	2710	2718	rVB2	567740	848202	4.71%	0.511%
67	18.980	2733	2736	2740	rBV	69688	87301	0.48%	0.053%
68	19.080	2748	2753	2760	rVB	1156195	1505867	8.36%	0.907%
69	19.162	2760	2767	2772	rBV5	152257	311986	1.73%	0.188%
70	19.215	2772	2776	2782	rBV2	233255	329684	1.83%	0.199%
71	19.274	2783	2786	2790	rVB	162153	182938	1.02%	0.110%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

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-BM111119MA.M
Title : SVOA CALIBRATION

72	19.351	2793	2799	2805	rVV	6752722	8716004	48.41%	5.250%
73	19.468	2816	2819	2824	rBV3	74595	102874	0.57%	0.062%
74	19.551	2830	2833	2838	rBV3	68760	92120	0.51%	0.055%
75	19.656	2848	2851	2854	rBV2	83815	104703	0.58%	0.063%
76	19.809	2871	2877	2883	rBV	14988812	18003709	100.00%	10.844%
77	19.903	2889	2893	2896	rBV2	217208	329990	1.83%	0.199%
78	19.933	2896	2898	2902	rVB	168106	178088	0.99%	0.107%
79	20.021	2911	2913	2917	rVB3	104809	117220	0.65%	0.071%
80	20.080	2918	2923	2929	rBV2	406111	663576	3.69%	0.400%
81	20.245	2945	2951	2955	rBV	1753582	2328886	12.94%	1.403%
82	20.292	2955	2959	2960	rBV	334198	422103	2.34%	0.254%
83	20.892	3056	3061	3069	rBV2	3637146	5297112	29.42%	3.191%
84	21.027	3081	3084	3089	rBV2	187615	219635	1.22%	0.132%
85	21.150	3100	3105	3109	rBV	5862461	7505888	41.69%	4.521%
86	21.192	3110	3112	3120	rVB4	259638	372559	2.07%	0.224%
87	21.303	3128	3131	3134	rBV	342807	405302	2.25%	0.244%
88	21.333	3134	3136	3140	rVB	330422	327188	1.82%	0.197%
89	21.768	3204	3210	3221	rBV2	1693592	3454261	19.19%	2.081%
90	22.203	3281	3284	3288	rVB	443129	505495	2.81%	0.304%
91	22.421	3318	3321	3327	rVB	615378	749244	4.16%	0.451%
92	22.697	3364	3368	3371	rBV	668337	915647	5.09%	0.552%
93	22.739	3371	3375	3384	rVB2	626386	1110489	6.17%	0.669%
94	23.174	3443	3449	3456	rBV	3405836	5869637	32.60%	3.536%
95	23.238	3457	3460	3465	rVV	547651	821548	4.56%	0.495%
96	23.309	3466	3472	3481	rVB	3484533	6299507	34.99%	3.794%
97	23.862	3562	3566	3573	rVB	481595	814870	4.53%	0.491%
98	26.415	3992	4000	4013	rVB5	2091666	6617391	36.76%	3.986%
99	27.109	4109	4118	4140	rVB2	3410925	12093189	67.17%	7.284%
100	27.456	4169	4177	4188	rBV3	1214238	3991829	22.17%	2.404%

Sum of corrected areas: 166019358

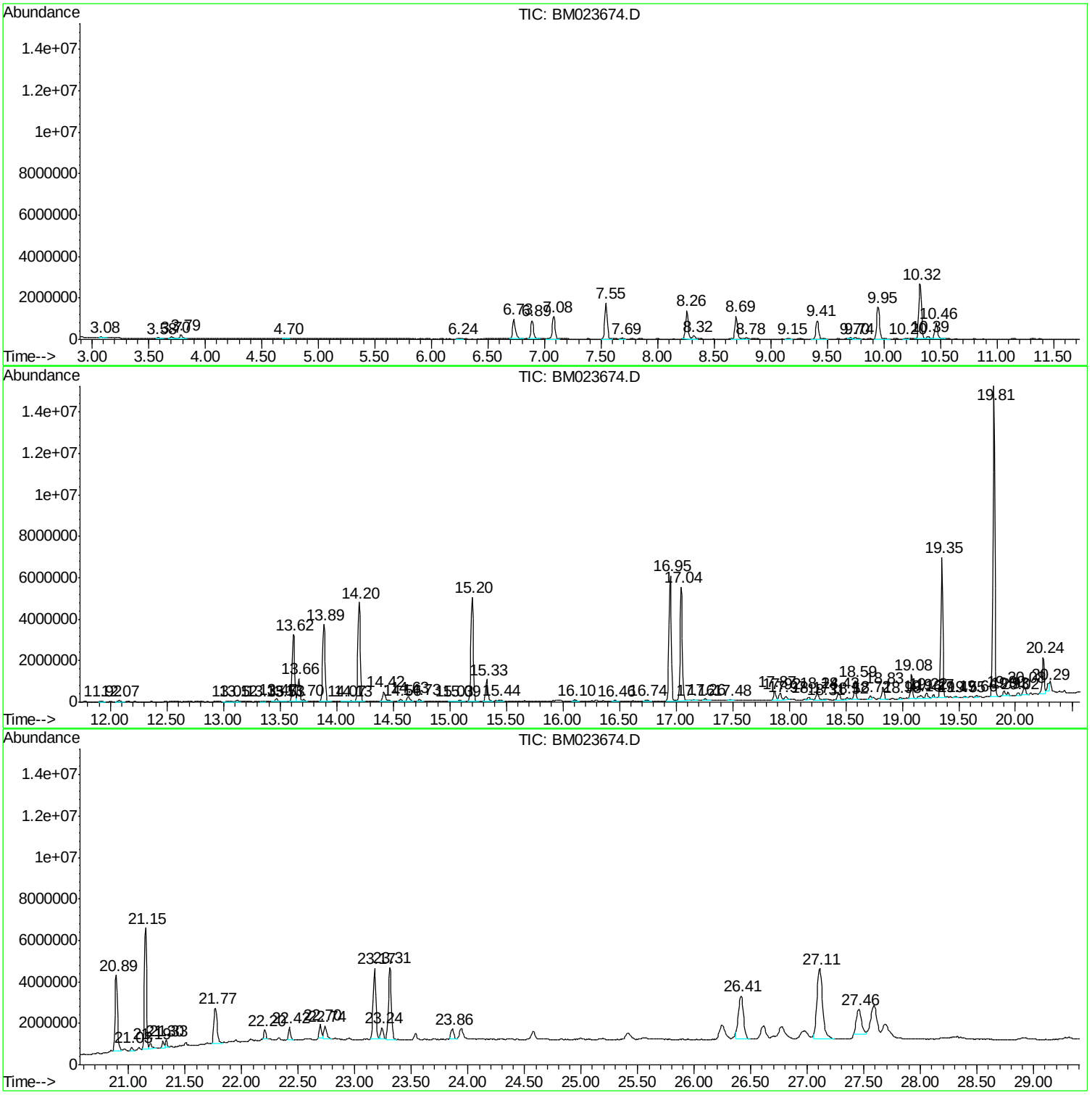
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

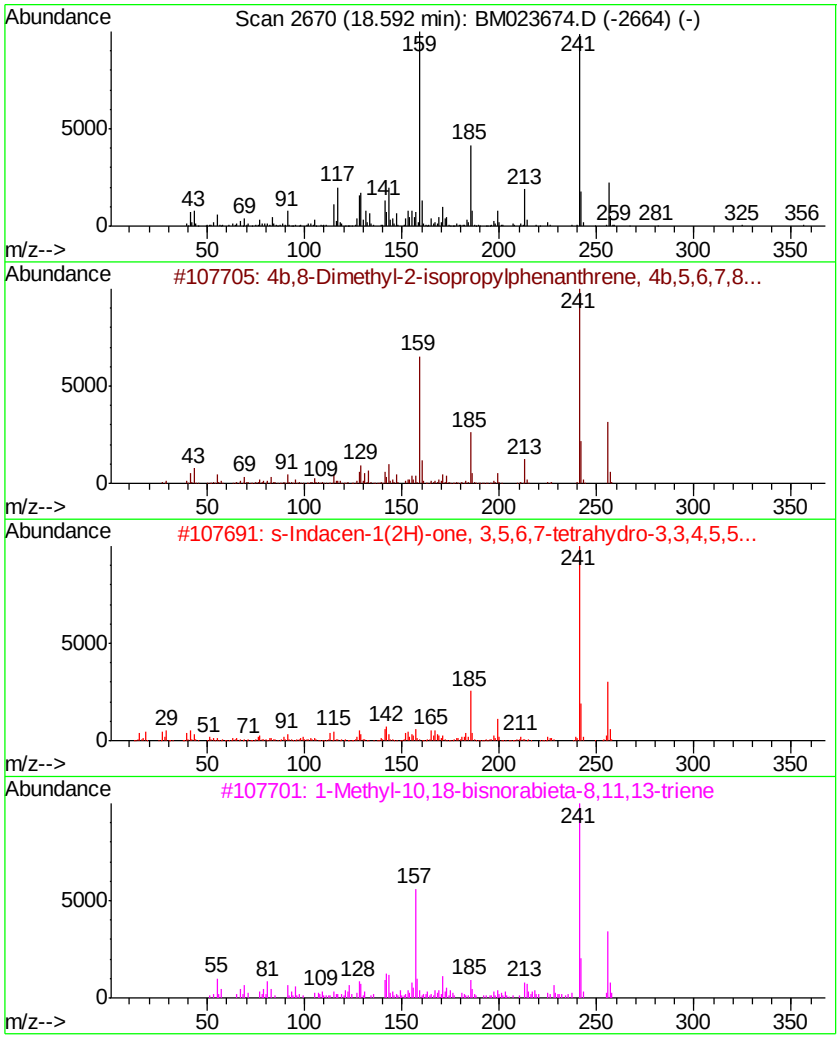
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

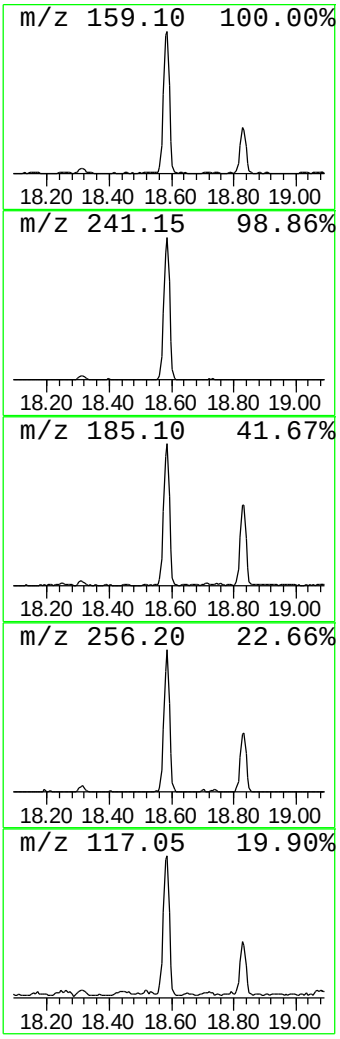
****

Peak Number 1 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.79 ng/ul	1185150	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
3	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	35
4	8H-[1,2,4]Triazino[4,3-b][1,2,4]...	241	C12H11N5O	1000319-79-0	30
5	Isoquinoline-4-carbonitrile, 1-e...	256	C15H16N2O2	1000259-91-1	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

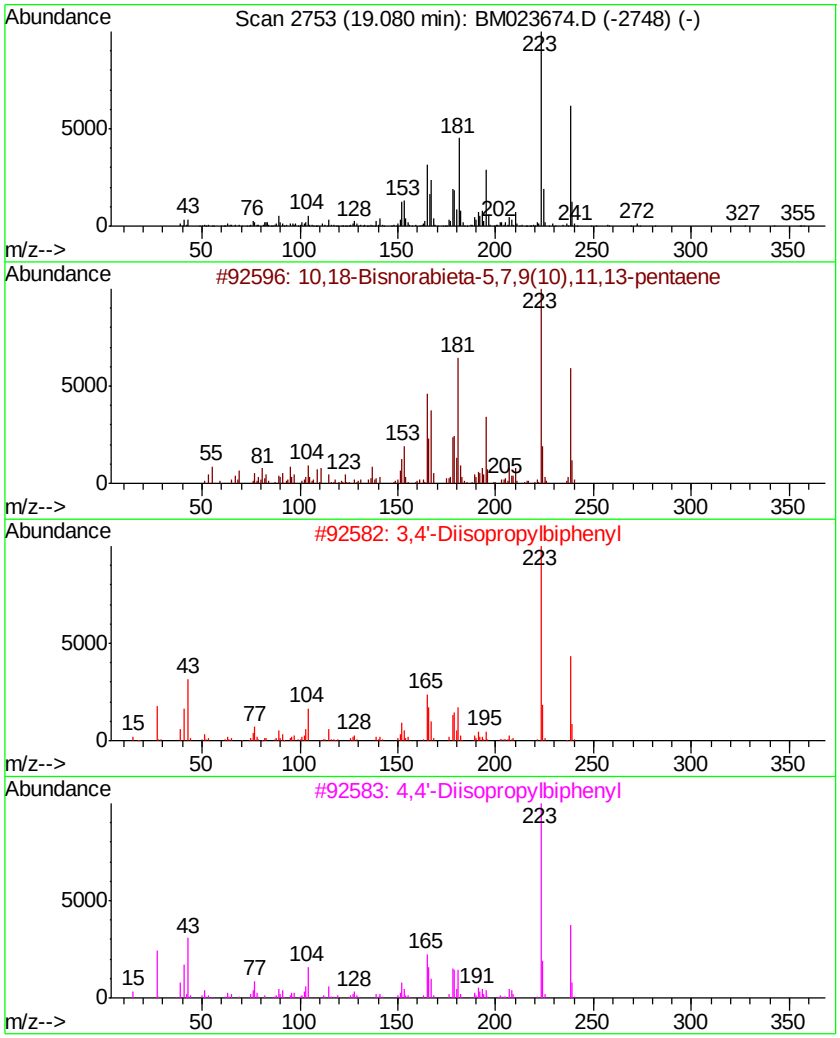
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

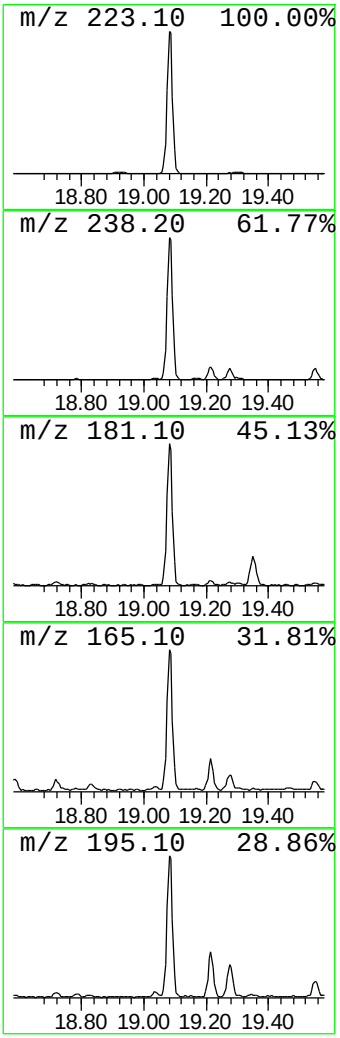
****

Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	4.01 ng/ul	1505870	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

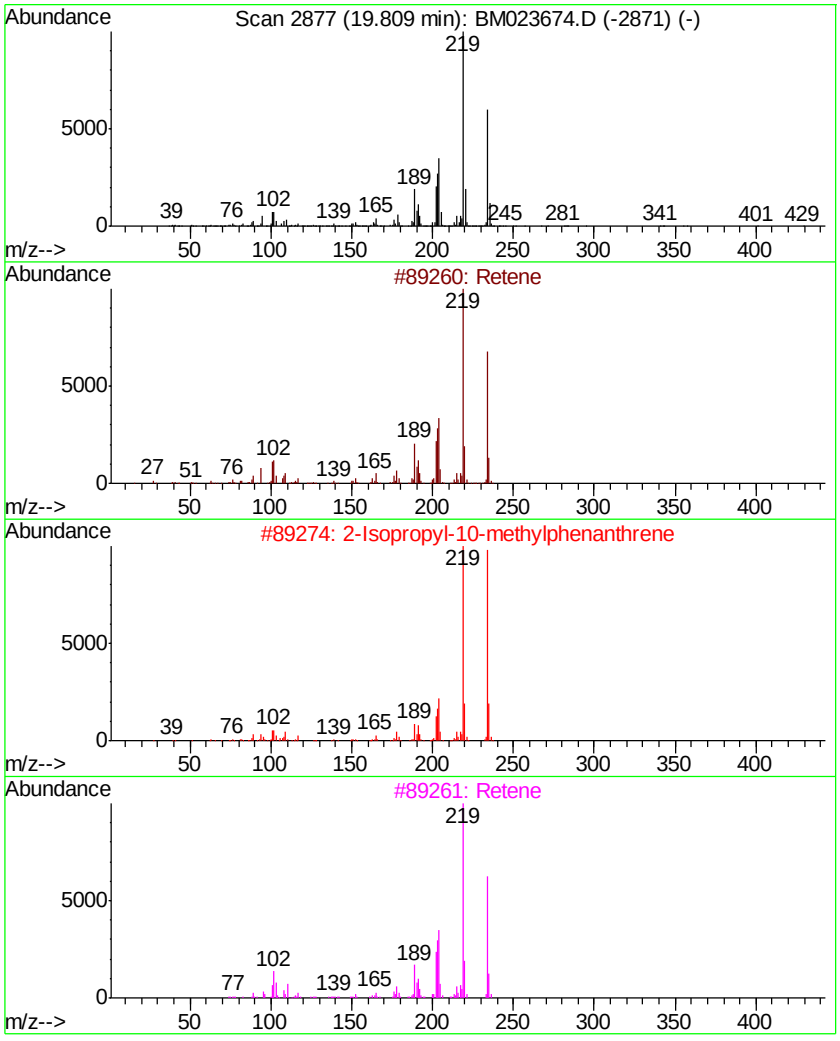
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

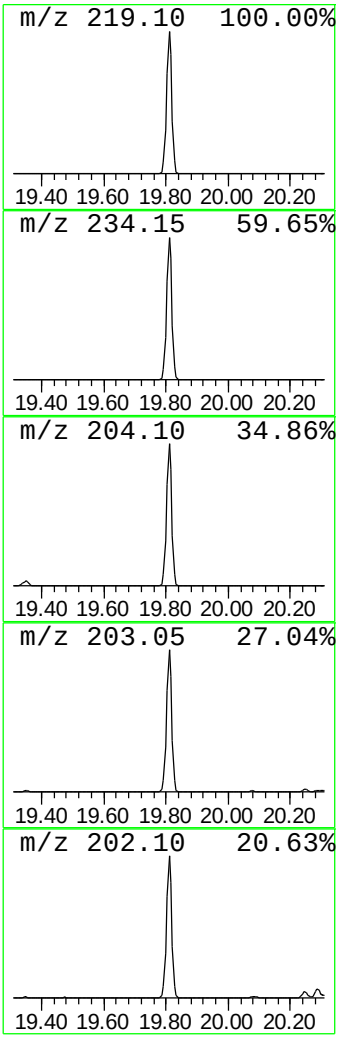
****

Peak Number 3 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	47.97 ng/ul	18003700	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	94
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
5	Retene	234	C18H18	000483-65-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

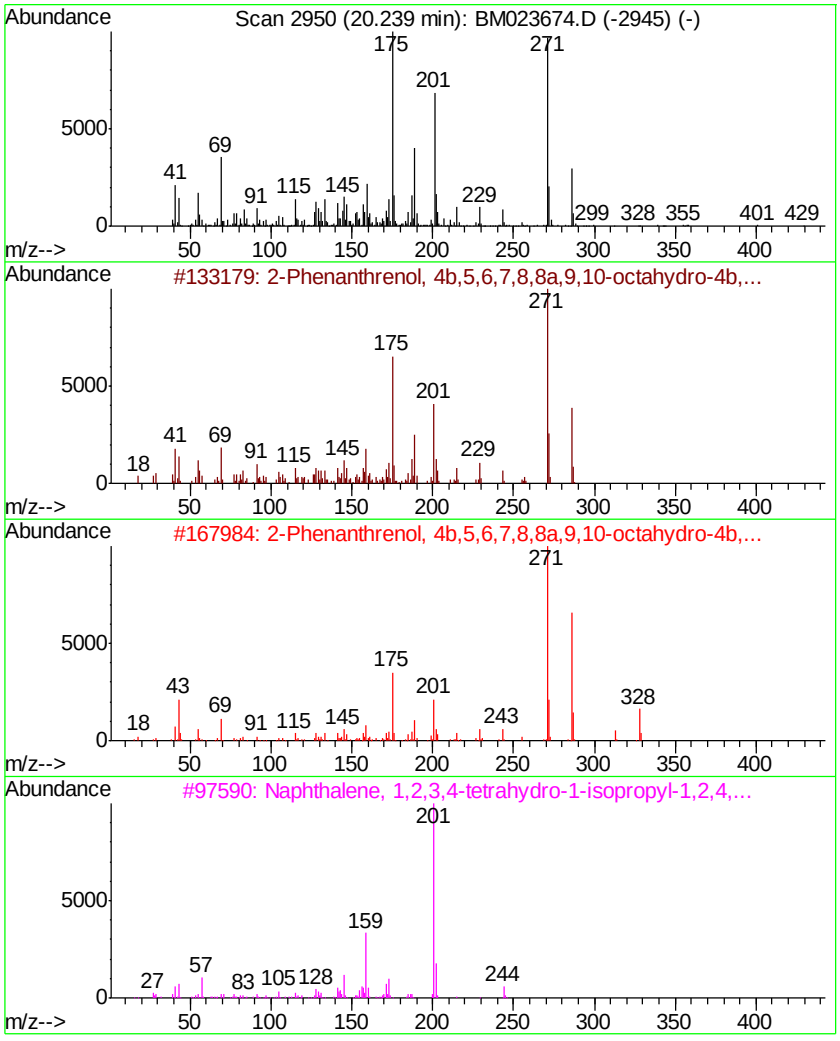
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

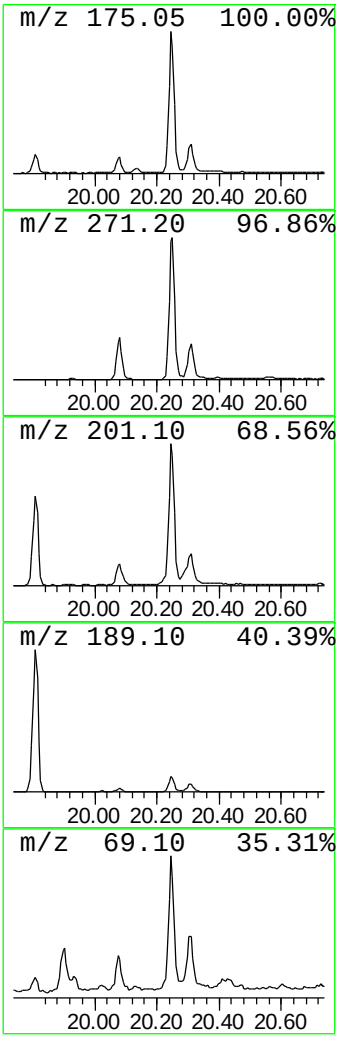
****

Peak Number 4 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	6.21 ng/ul	2328890	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	90
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	25
4	Carbonic acid, monoamide, N-(4-p...	271	C16H17NO3	1000340-19-7	18
5	3-Acridinol, 9-phenyl-	271	C19H13NO	109553-65-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

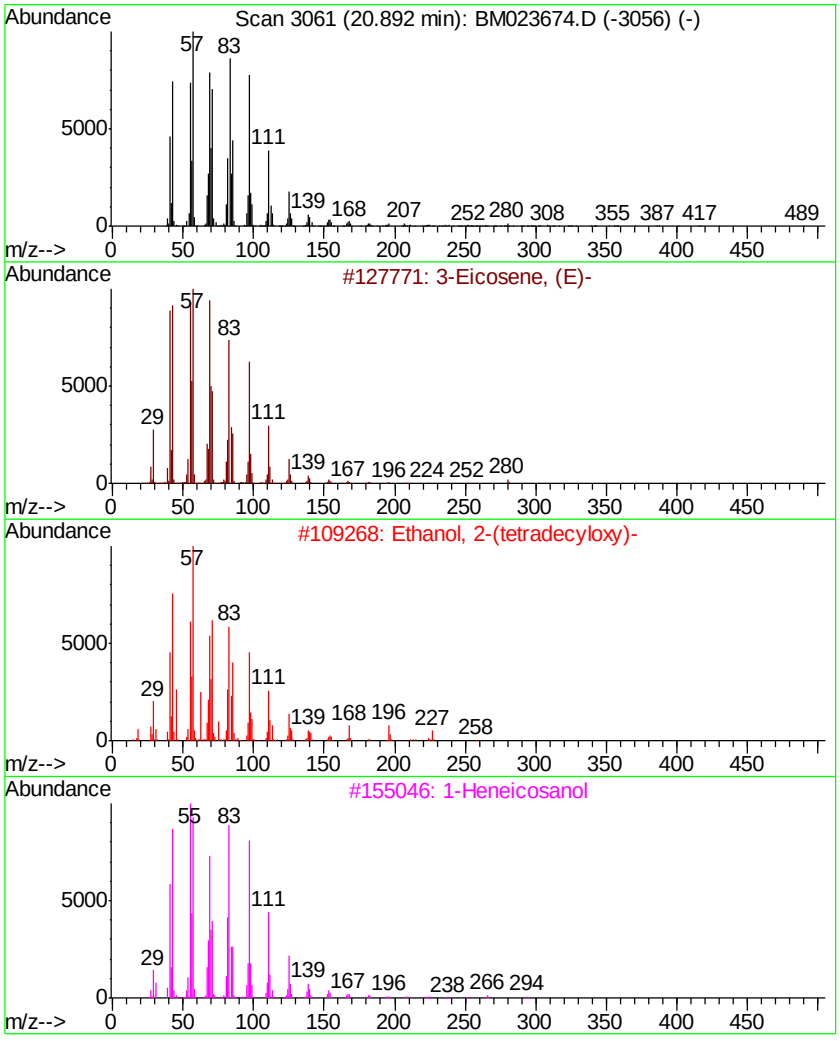
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

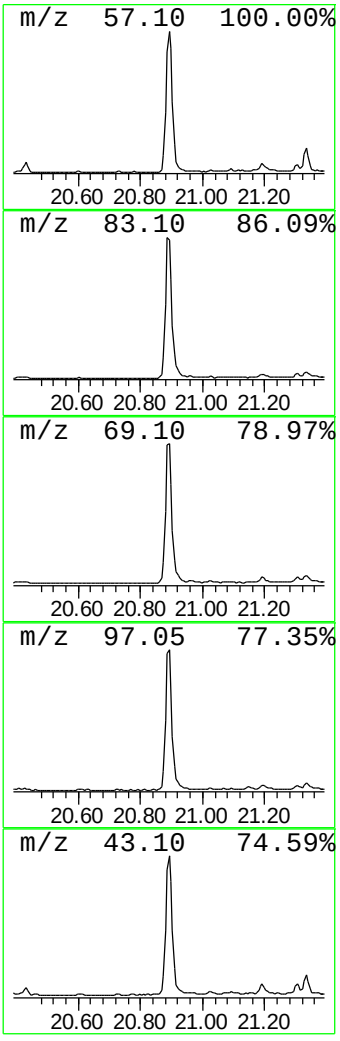
****

Peak Number 5 (DEL) Alkane: Cyclic20.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	14.11 ng/ul	5297110	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	92
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

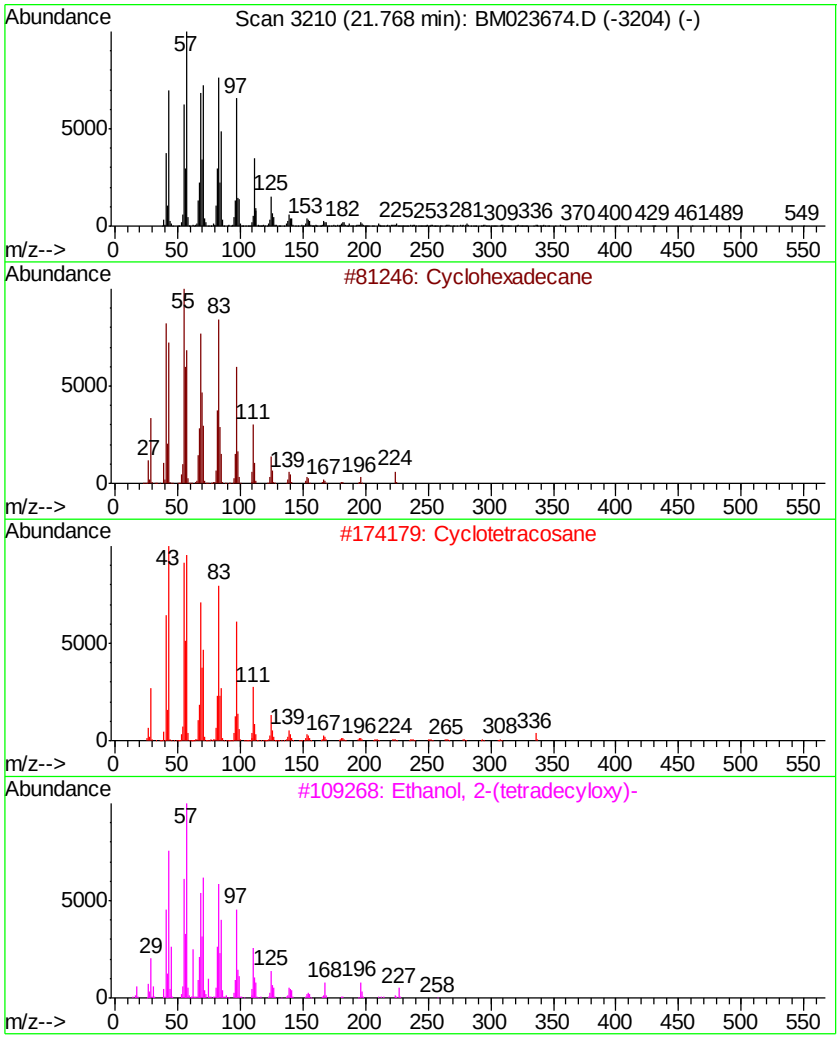
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

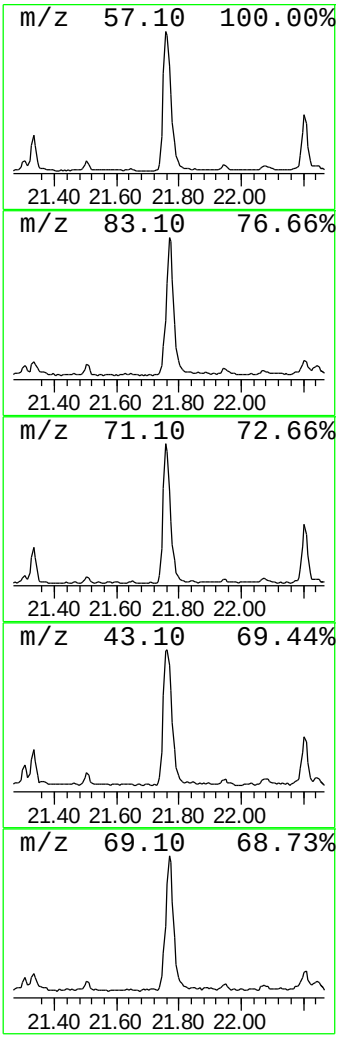
****

Peak Number 6 (DEL) Alkane: Cyclic21.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	9.20 ng/ul	3454260	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cyclotetracosane	336	C24H48	000297-03-0	97
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

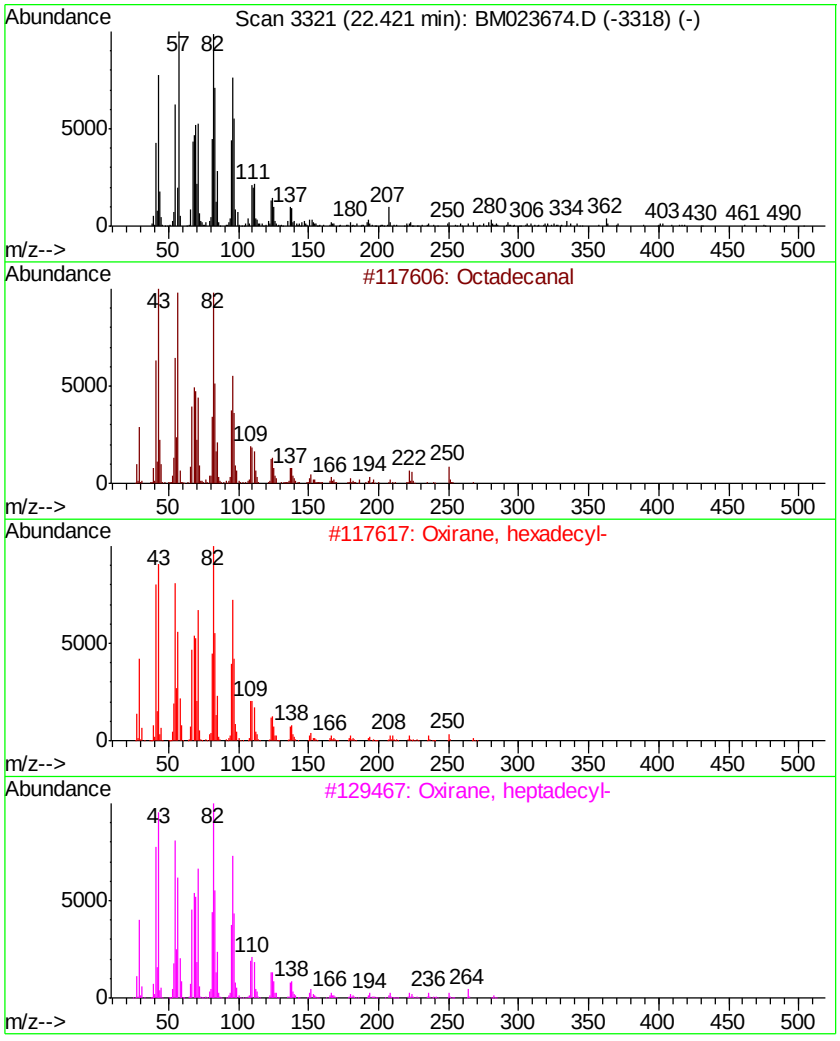
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

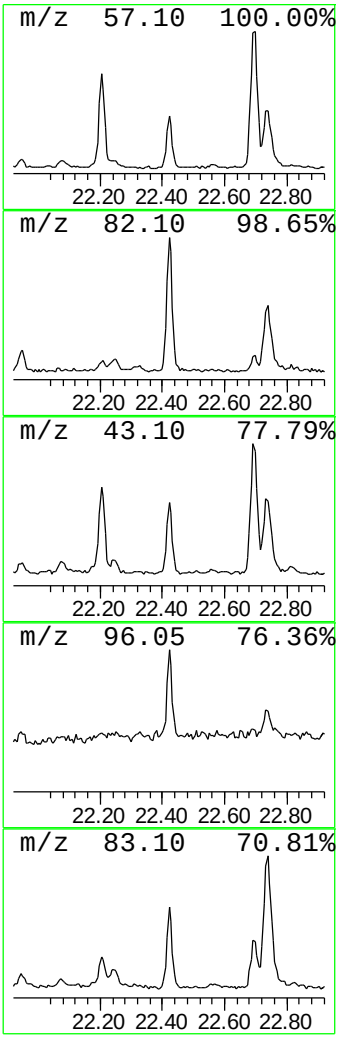
****

Peak Number 7 Octadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.38 ng/ul	749244	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	17-Octadecenal	266	C18H34O	056554-86-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

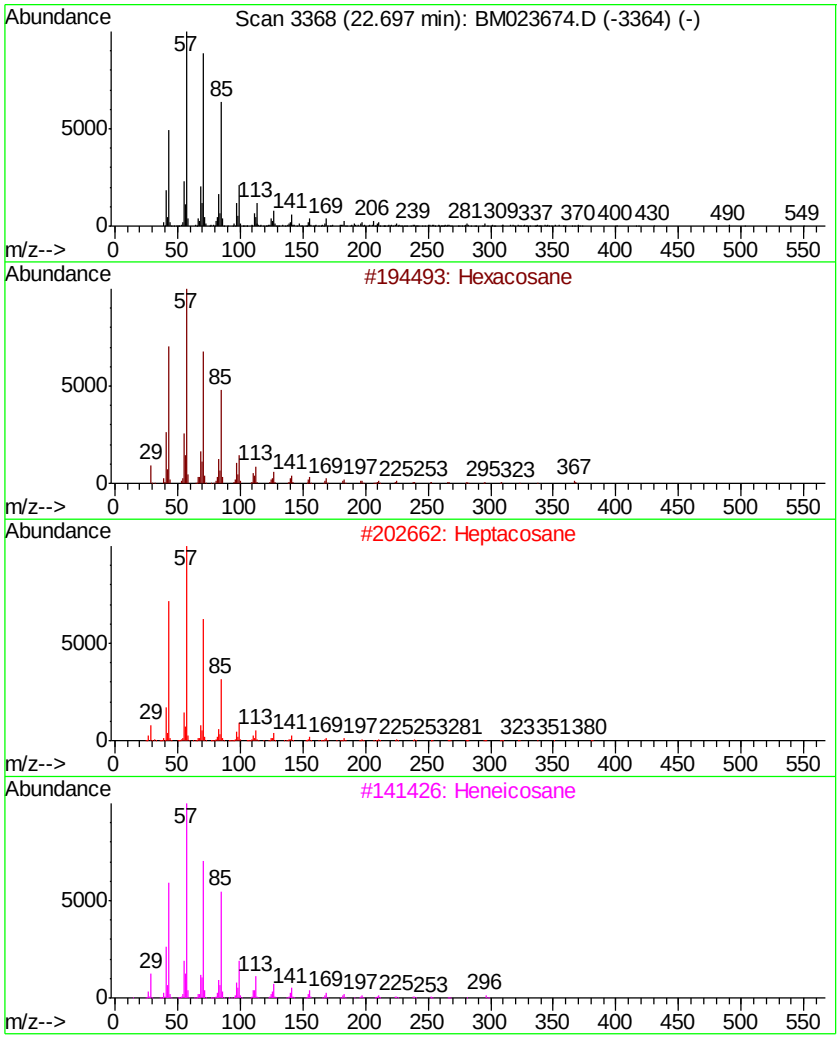
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

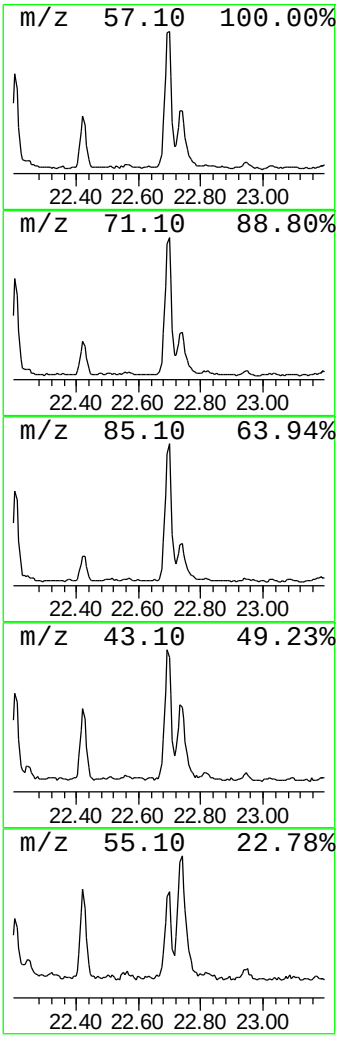
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.91 ng/ul	915647	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	10-Methylnonadecane	282	C20H42	056862-62-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

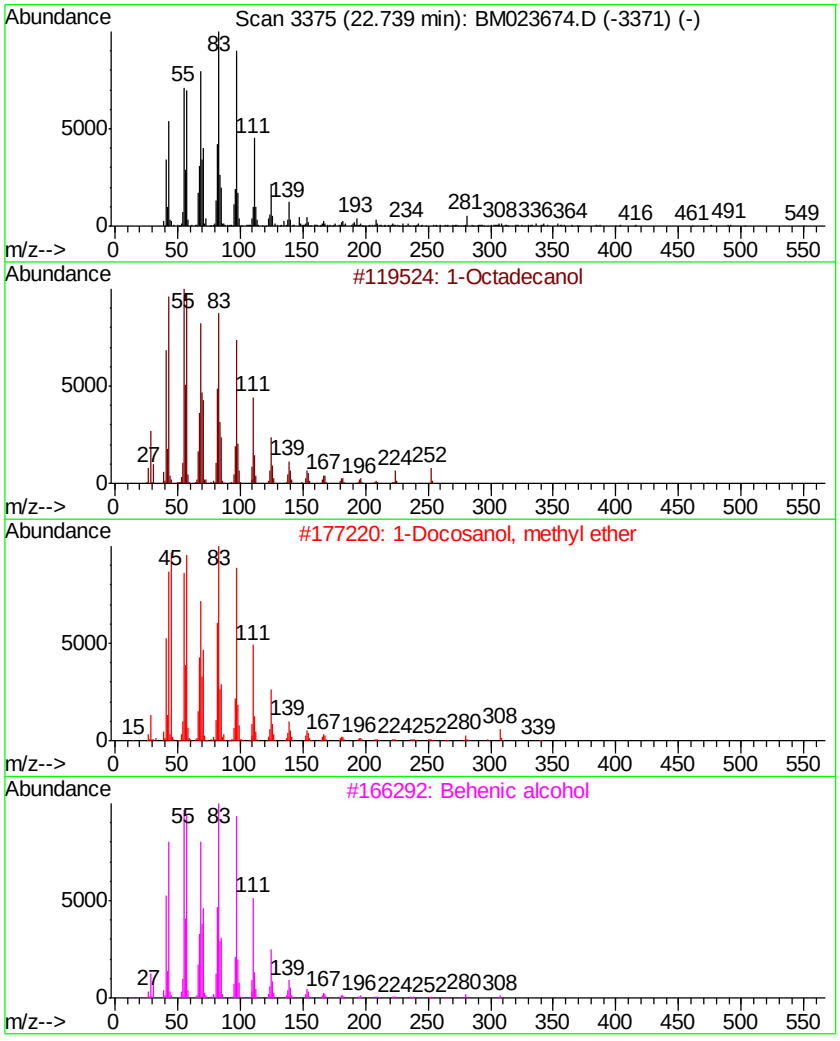
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

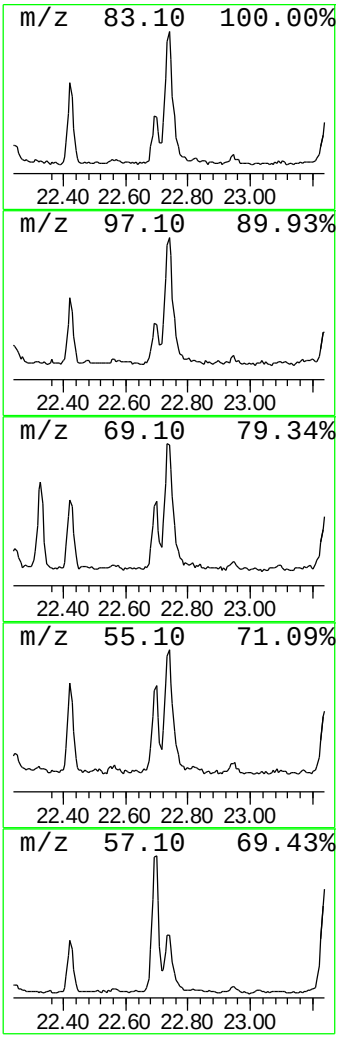
****

Peak Number 9 1-Octadecanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.53 ng/ul	1110490	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	90
3	Behenic alcohol	326	C22H46O	000661-19-8	86
4	1-Heptacosanol	396	C27H56O	002004-39-9	83
5	1-Docosene	308	C22H44	001599-67-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

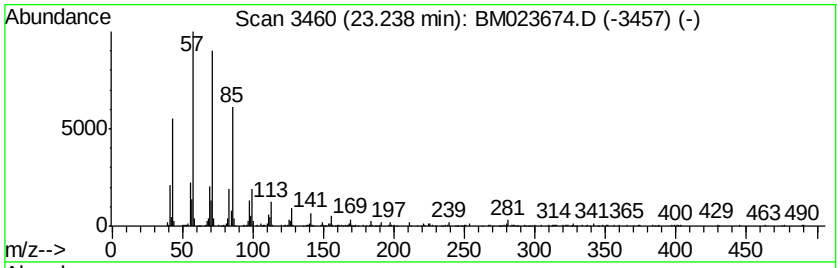
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

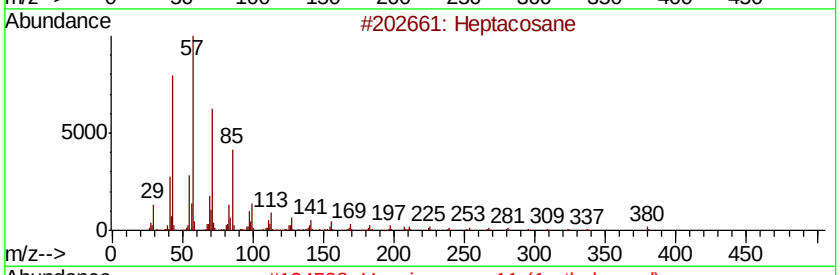
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

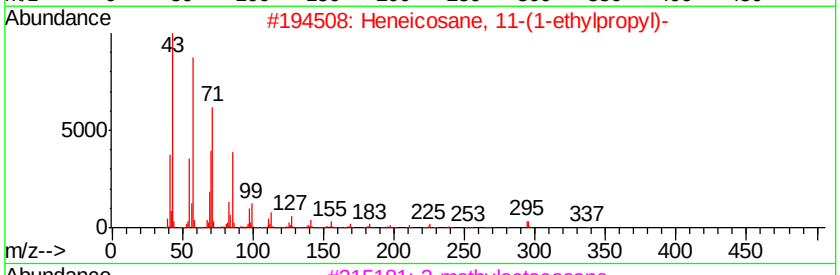
****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

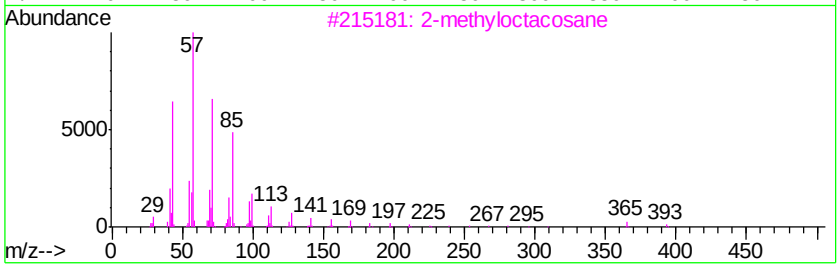
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	2.61 ng/ul	821548	Perylene-d12	23.31

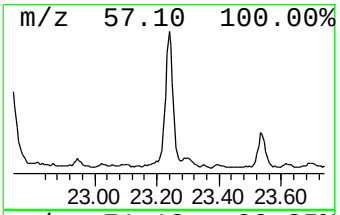
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90

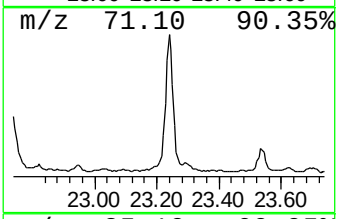


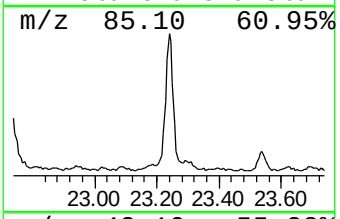


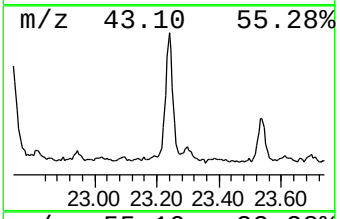


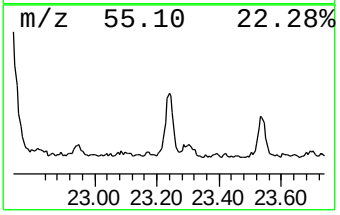












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

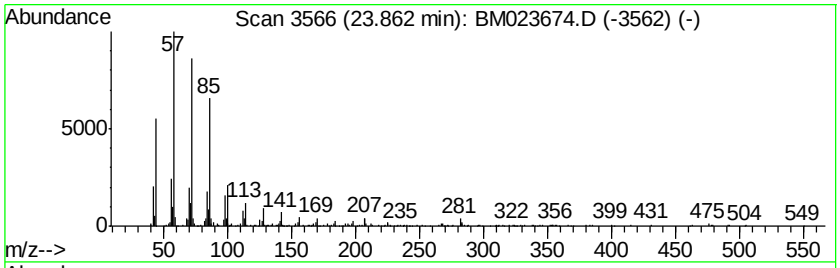
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

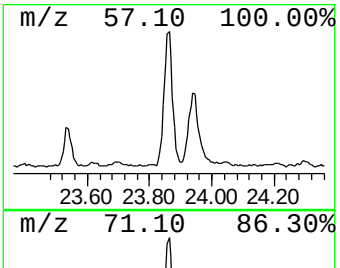
****

Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.59 ng/ul	814870	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	2-methyltetracosane	352	C25H52	1000376-72-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

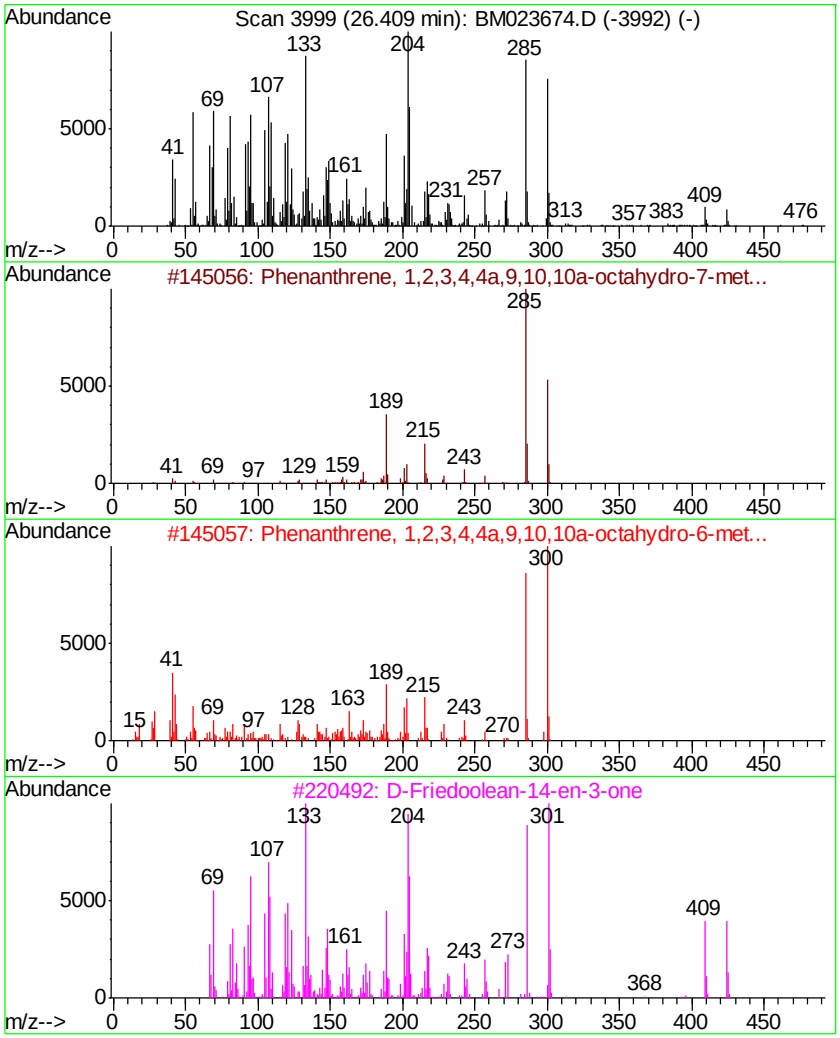
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

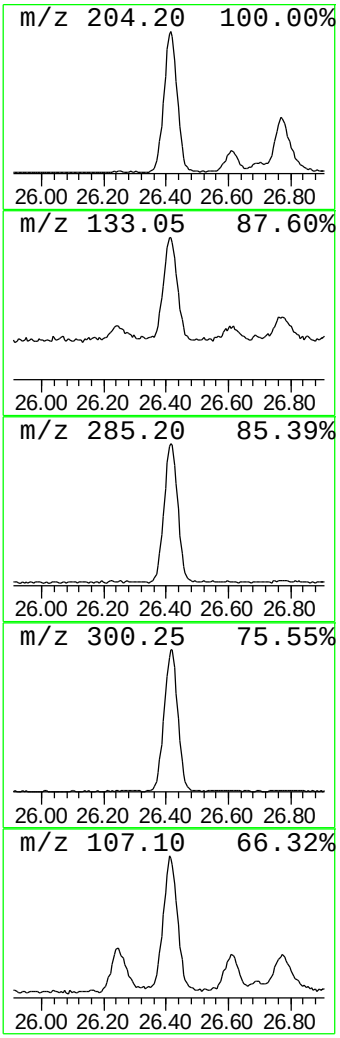
****

Peak Number 12 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	21.01 ng/ul	6617390	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	55
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	52
3	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	49
4	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	43
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

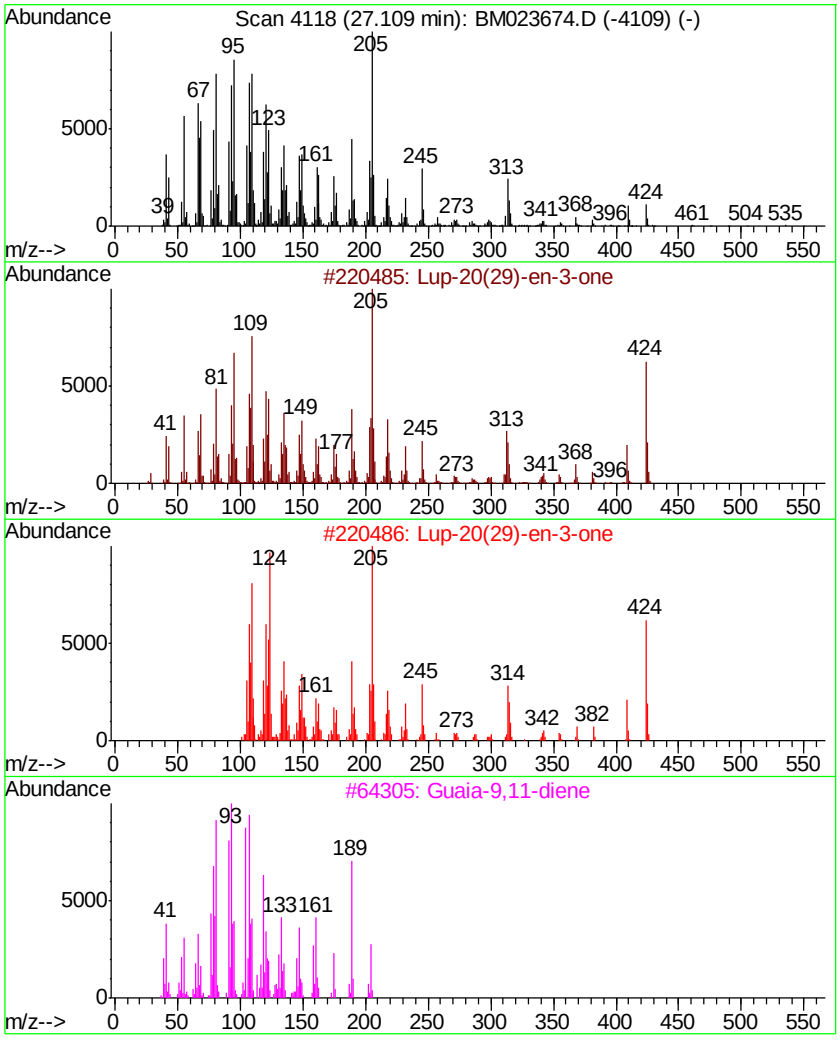
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

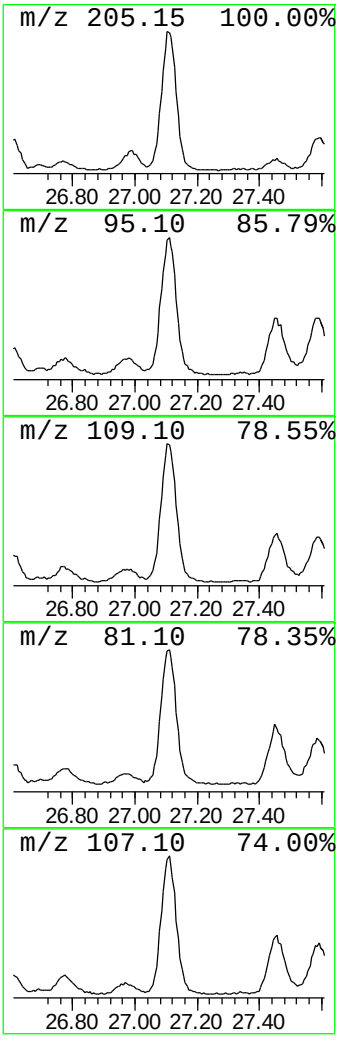
****

Peak Number 13 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.11	38.39 ng/ul	12093200	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	93
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	70
4	9,19-Cyclolanost-23-ene-3,25-dio...	442	C30H50O2	054482-57-4	64
5	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

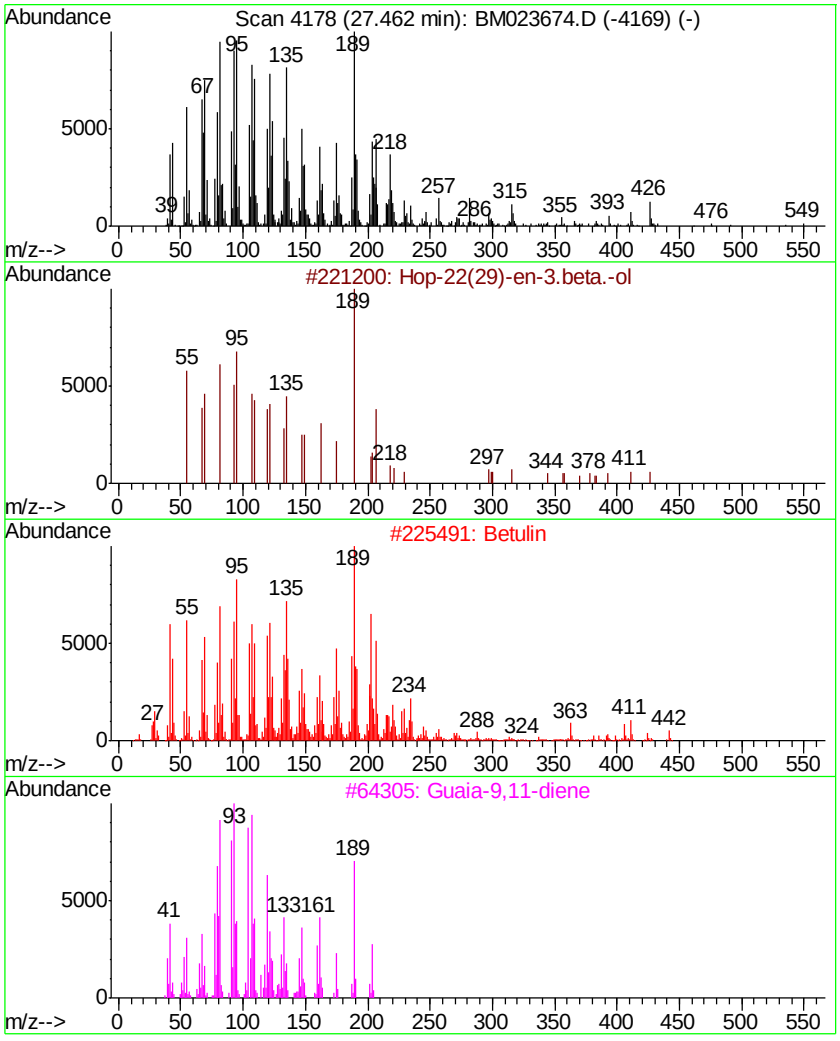
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

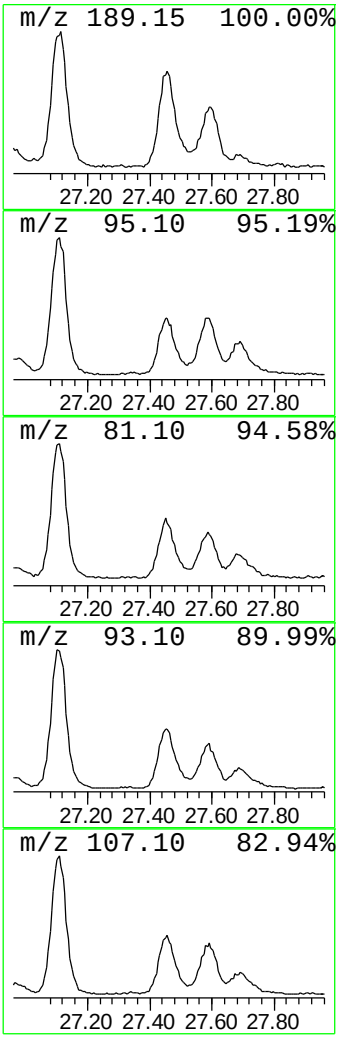
****

Peak Number 14 Hop-22(29)-en-3.beta.-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.46	12.67 ng/ul	3991830	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	55
2	Betulin	442	C30H50O2	000473-98-3	46
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	43
4	Longifolenaldehyde	220	C15H24O	019890-84-7	41
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
Data File : BM023674.D
Acq On : 12 Nov 2019 20:50
Operator : JU
Sample : K5565-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
4b,8-Dimethyl-2-i...	18.59	2.8	ng/ul	1185150	4	16.95	8504650	20.0
10,18-Bisnorabiet...	19.08	4.0	ng/ul	1505870	5	21.15	7505890	20.0
Retene	19.81	48.0	ng/ul	18003700	5	21.15	7505890	20.0
2-Phenanthrenol, ...	20.24	6.2	ng/ul	2328890	5	21.15	7505890	20.0
(DEL) Alkane: Cyc...	20.89	14.1	ng/ul	5297110	5	21.15	7505890	20.0
(DEL) Alkane: Cyc...	21.77	9.2	ng/ul	3454260	5	21.15	7505890	20.0
Octadecanal	22.42	2.4	ng/ul	749244	6	23.31	6299510	20.0
(DEL) Alkane: Str...	22.70	2.9	ng/ul	915647	6	23.31	6299510	20.0
1-Octadecanol	22.74	3.5	ng/ul	1110490	6	23.31	6299510	20.0
(DEL) Alkane: Str...	23.24	2.6	ng/ul	821548	6	23.31	6299510	20.0
Hexadecane, 1-iodo-	23.86	2.6	ng/ul	814870	6	23.31	6299510	20.0
Phenanthrene, 1,2...	26.41	21.0	ng/ul	6617390	6	23.31	6299510	20.0
Lup-20(29)-en-3-one	27.11	38.4	ng/ul	12093200	6	23.31	6299510	20.0
Hop-22(29)-en-3.b...	27.46	12.7	ng/ul	3991830	6	23.31	6299510	20.0