LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

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-BM051320MA.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	3.052	25	28	37	rVB	56306	72836	1.73%	0.153%
2	3.616	119	124	129	rBV2	16785	23860	0.57%	0.050%
3	5.781	485	492	499	rVB9	10753	27407	0.65%	0.058%
4	6.004	523	530	535	rVB6	14537	25648	0.61%	0.054%
5	6.181	556	560	565	rVB5	9162	14014	0.33%	0.029%
6	6.475	604	610	615	rBV8	17169	33592	0.80%	0.071%
7	6.557	620	624	627	rVV6	8692	15117	0.36%	0.032%
8	6.622	630	635	638	rBV5	26050	37974	0.90%	0.080%
9	6.669	638	643	652	rVB	194991	304470	7.21%	0.640%
10	6.822	663	669	680	rBV	629302	971161	23.01%	2.042%
11	7.010	695	701	708	rBV	677575	1041028	24.67%	2.189%
12	7.122	717	720	725	rBV	28507	53209	1.26%	0.112%
13	7.175	727	729	741	rVB9	16795	33662	0.80%	0.071%
14	7.469	772	779	789	rVV	659182	1007129	23.86%	2.117%
15	7.540	789	791	798	rVV6	9099	17875	0.42%	0.038%
16	7.787	829	833	837	rVB2	15397	22288	0.53%	0.047%
17	7.840	837	842	845	rBV5	11830	17455	0.41%	0.037%
18	8.022	870	873	880	rVB7	11214	16869	0.40%	0.035%
19	8.187	891	901	910	rBV	522473	813928	19.28%	1.711%
20	8.287	910	918	923	rVV6	27560	50850	1.20%	0.107%
21	8.498	951	954	959	rBV5	12344	24922	0.59%	0.052%
22	8.616	967	974	987	rVB	759116	1248152	29.57%	2.624%
23	8.810	1002	1007	1014	rVB5	32816	66214	1.57%	0.139%
24	8.904	1014	1023	1030	rBV3	54935	106404	2.52%	0.224%
25	9.110	1050	1058	1062	rVB8	11385	24514	0.58%	0.052%
26	9.169	1064	1068	1073	rBV7	9447	15901	0.38%	0.033%
27	9.257	1076	1083	1089	rBV3	18556	43150	1.02%	0.091%
28	9.328	1089	1095	1105	rVB	647239	1023390	24.25%	2.152%
29	9.445	1108	1115	1120	rVV5	23688	44419	1.05%	0.093%
30	9.528	1125	1129	1135	rVB3	20219	32910	0.78%	0.069%
31	9.598	1137	1141	1145	rBV6	8461	12593	0.30%	0.026%
32	9.645	1145	1149	1154	rBV6	8046	12933	0.31%	0.027%
33	9.716	1154	1161	1164	rBV2	13633	26023	0.62%	0.055%
34	9.816	1169	1178	1180	rBV7	12268	25744	0.61%	0.054%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

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-BM051320MA.M
Title : SVOA CALIBRATION

35	9.869	1180	1187	1196	rBV	895117	1512011	35.82%	3.179%
36	10.028	1210	1214	1219	rVB6	14709	27535	0.65%	0.058%
37	10.098	1220	1226	1229	rBV6	30600	58961	1.40%	0.124%
38	10.139	1229	1233	1242	rVB2	49837	92887	2.20%	0.195%
39	10.233	1242	1249	1255	rBV	824522	1350029	31.99%	2.838%
40	10.292	1255	1259	1266	rVB4	30510	58810	1.39%	0.124%
41	10.357	1266	1270	1271	rBV3	18405	21780	0.52%	0.046%
42	10.386	1272	1275	1280	rVB4	23361	36682	0.87%	0.077%
43	10.604	1307	1312	1316	rBV6	17168	31403	0.74%	0.066%
44	10.739	1330	1335	1339	rBV7	12807	18640	0.44%	0.039%
45	10.810	1342	1347	1351	rBV2	54779	88900	2.11%	0.187%
46	10.845	1351	1353	1363	rVB4	33475	57498	1.36%	0.121%
47	10.963	1369	1373	1376	rBV2	23136	28811	0.68%	0.061%
48	11.086	1387	1394	1399	rBV9	24607	52612	1.25%	0.111%
49	11.210	1410	1415	1421	rBV7	11918	21747	0.52%	0.046%
50	11.280	1421	1427	1432	rBV4	44018	98007	2.32%	0.206%
51	11.333	1433	1436	1445	rVB10	30848	81926	1.94%	0.172%
52	11.463	1449	1458	1465	rVB7	41620	94375	2.24%	0.198%
53	11.528	1465	1469	1472	rBV5	18516	29875	0.71%	0.063%
54	11.575	1472	1477	1480	rBV	32165	46769	1.11%	0.098%
55	11.622	1480	1485	1492	rBV	128930	225048	5.33%	0.473%
56	11.745	1501	1506	1509	rBV6	20304	37527	0.89%	0.079%
57	11.875	1525	1528	1531	rVB2	23919	26862	0.64%	0.056%
58	11.916	1533	1535	1542	rVB8	24612	34077	0.81%	0.072%
59	11.975	1542	1545	1549	rBV5	11648	18703	0.44%	0.039%
60	12.016	1549	1552	1555	rBV5	11590	13528	0.32%	0.028%
61	12.057	1555	1559	1562	rBV5	19276	24804	0.59%	0.052%
62	12.127	1567	1571	1577	rVB4	38326	62851	1.49%	0.132%
63	12.233	1578	1589	1596	rVB4	32538	131467	3.11%	0.276%
64	12.322	1597	1604	1610	rBV10	33806	103658	2.46%	0.218%
65	12.380	1610	1614	1619	rBV2	58856	82499	1.95%	0.173%
66	12.439	1620	1624	1633	rVB9	42290	105612	2.50%	0.222%
67	12.539	1633	1641	1646	rBV10	47010	134435	3.19%	0.283%
68	12.616	1651	1654	1660	rVV5	34591	56319	1.33%	0.118%
69	12.675	1661	1664	1667	rVB3	20100	20711	0.49%	0.044%
70	12.775	1677	1681	1684	rBV6	25238	43370	1.03%	0.091%
71	12.839	1687	1692	1703	rVV	310779	523068	12.39%	1.100%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

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-BM051320MA.M
Title : SVOA CALIBRATION

72	13.045	1724	1727	1730	rBV2	29724	44635	1.06%	0.094%
73	13.245	1758	1761	1764	rBV	41636	53105	1.26%	0.112%
74	13.280	1765	1767	1772	rVB2	35841	41827	0.99%	0.088%
75	13.539	1806	1811	1816	rBV	1734038	2437482	57.75%	5.125%
76	13.586	1816	1819	1824	rVV	115920	159174	3.77%	0.335%
77	13.804	1850	1856	1863	rBV	1950524	2710518	64.22%	5.699%
78	13.951	1877	1881	1885	rVB3	86787	118515	2.81%	0.249%
79	14.116	1899	1909	1921	rBV2	1114040	1814359	42.99%	3.815%
80	14.351	1945	1949	1962	rVB	170901	303990	7.20%	0.639%
81	14.674	2001	2004	2008	rVB5	81555	110293	2.61%	0.232%
82	14.721	2008	2012	2014	rBV5	51057	74539	1.77%	0.157%
83	14.757	2015	2018	2021	rVB3	68062	89446	2.12%	0.188%
84	15.121	2074	2080	2087	rVB	2395455	3448659	81.71%	7.251%
85	15.251	2097	2102	2105	rBV	998383	1383642	32.78%	2.909%
86	15.280	2105	2107	2114	rVB2	558455	802753	19.02%	1.688%
87	15.421	2128	2131	2136	rVB3	69413	86079	2.04%	0.181%
88	15.568	2152	2156	2162	rBV2	83203	159082	3.77%	0.334%
89	15.639	2164	2168	2175	rVB3	136884	225727	5.35%	0.475%
90	15.845	2199	2203	2208	rBV2	111879	177693	4.21%	0.374%
91	15.904	2209	2213	2220	rVB	156929	230438	5.46%	0.484%
92	16.527	2311	2319	2329	rBV	1458359	2136106	50.61%	4.491%
93	16.868	2372	2377	2382	rVB	1369568	1866246	44.22%	3.924%
94	16.968	2388	2394	2406	rVB	2878334	3965075	93.95%	8.337%
95	17.798	2532	2535	2542	rVB4	130296	191020	4.53%	0.402%
96	19.268	2780	2785	2793	rBV	3235127	4220630	100.00%	8.874%
97	20.815	3045	3048	3052	rVB	236285	259319	6.14%	0.545%
98	21.068	3086	3091	3097	rBV	1764258	2124797	50.34%	4.467%
99	23.050	3422	3428	3434	rBV	2022146	3324097	78.76%	6.989%
100	23.180	3445	3450	3461	rVB	1219464	2241804	53.12%	4.713%

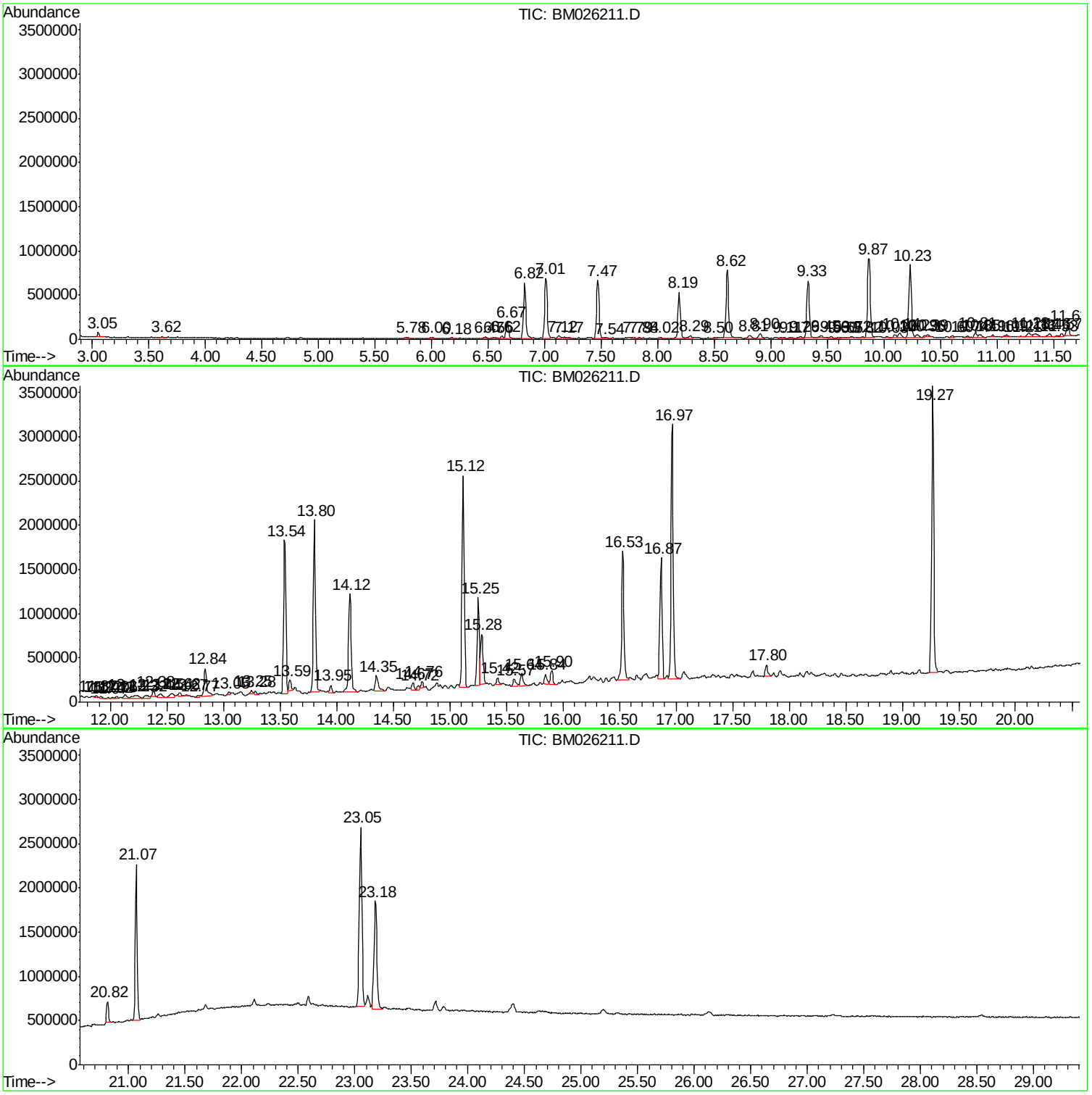
Sum of corrected areas: 47562488

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

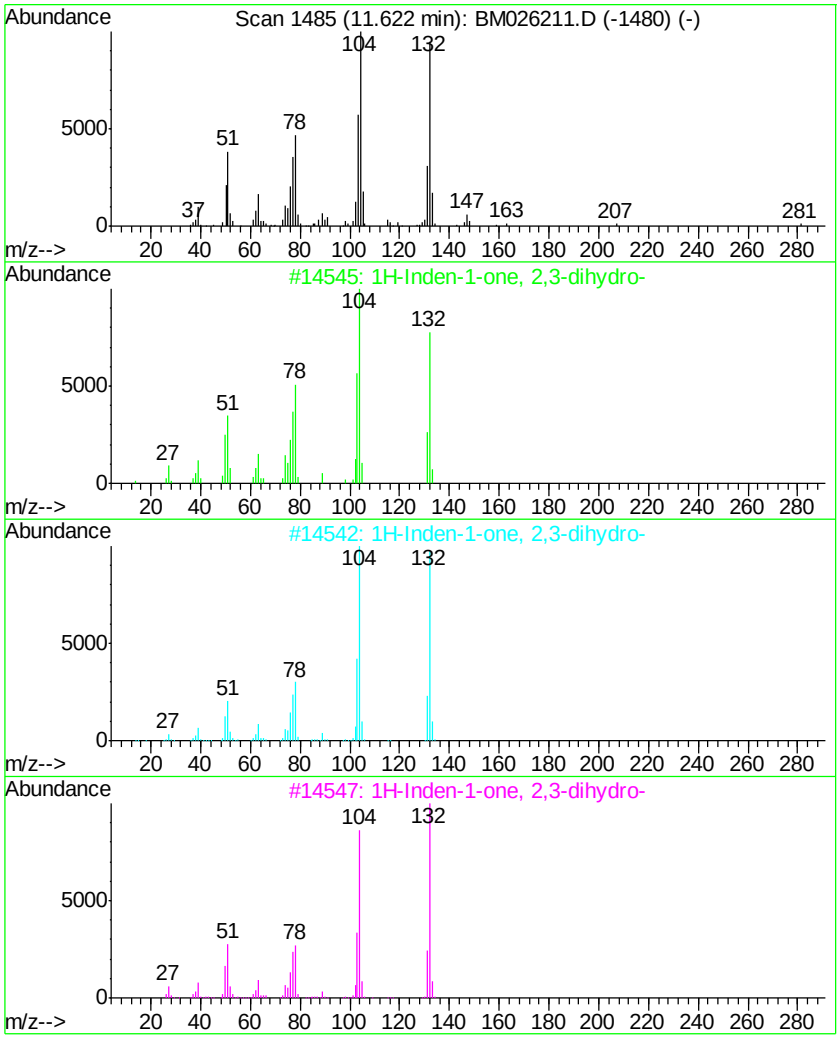
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

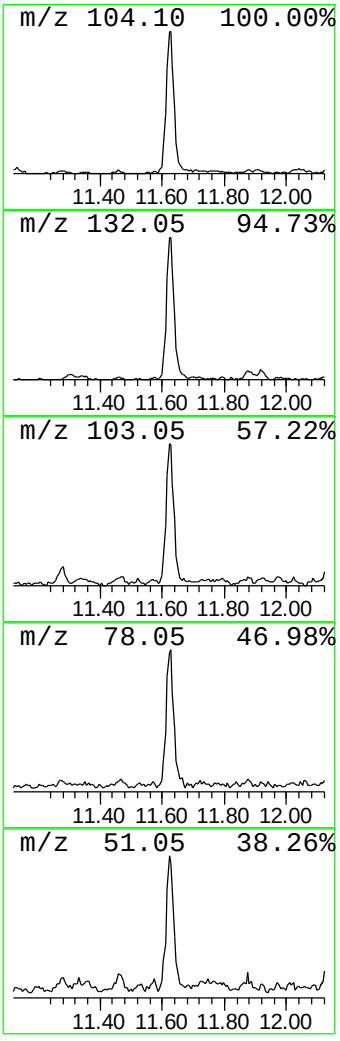
****

Peak Number 1 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.33 ng/ul	225048	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	83
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

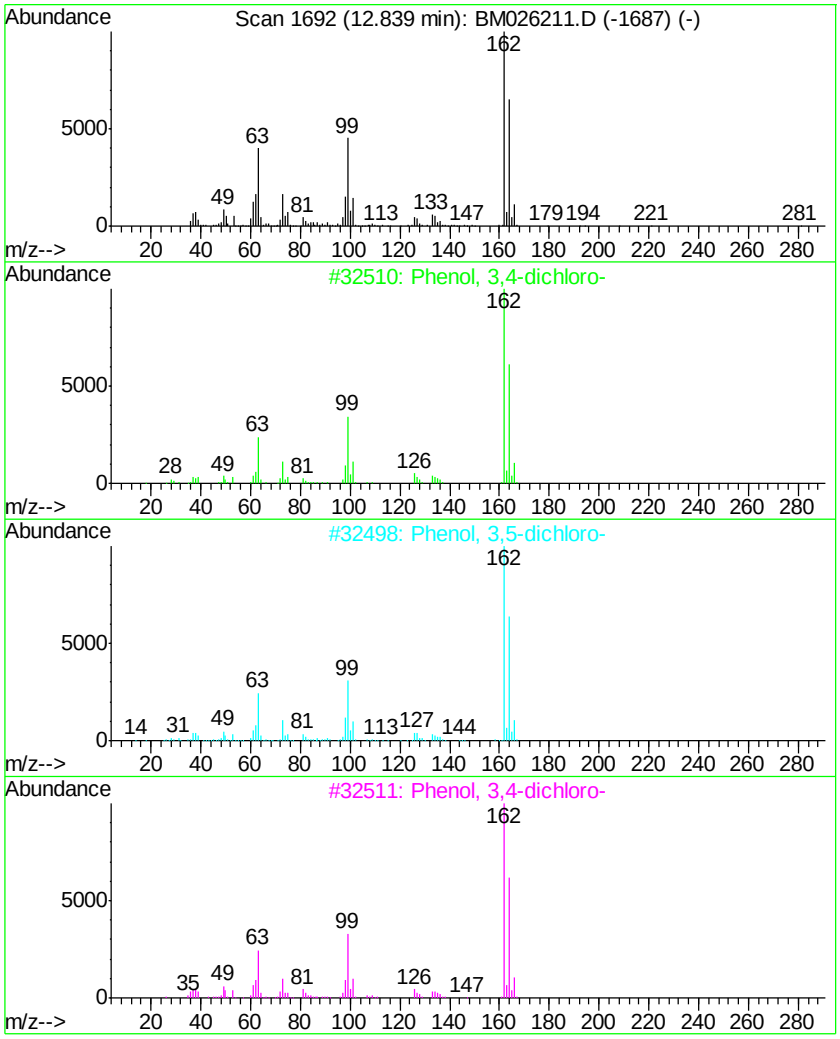
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

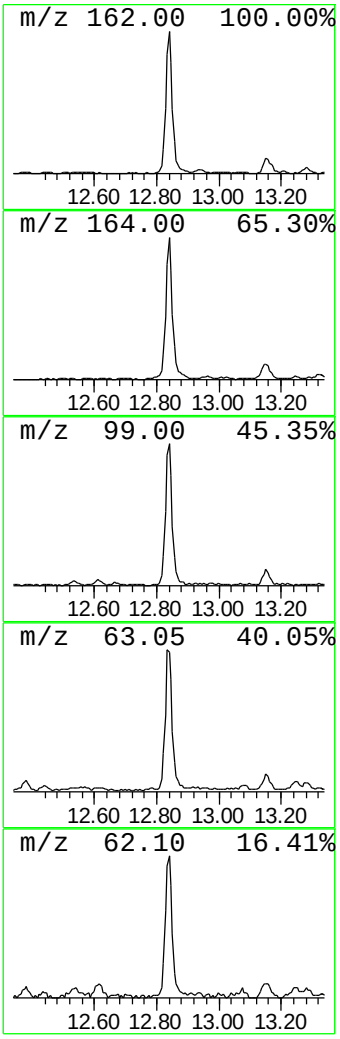
****

Peak Number 2 Phenol, 3,4-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	5.77 ng/ul	523068	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

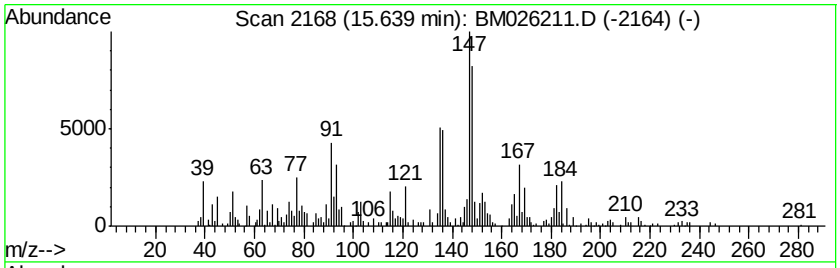
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

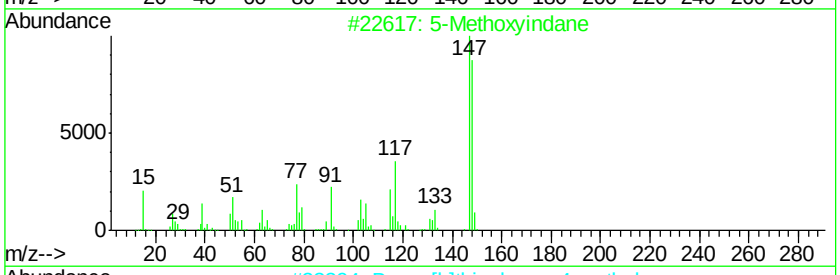
****

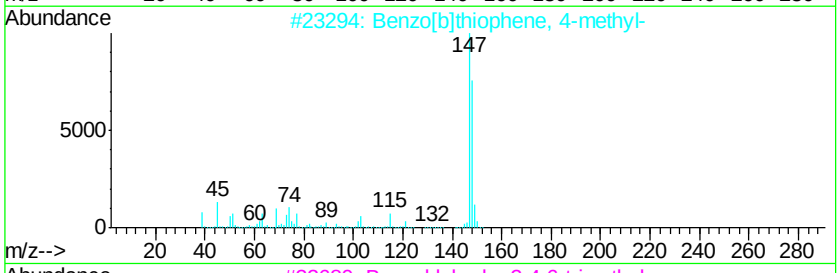
Peak Number 3 unknown-01 Concentration Rank 5

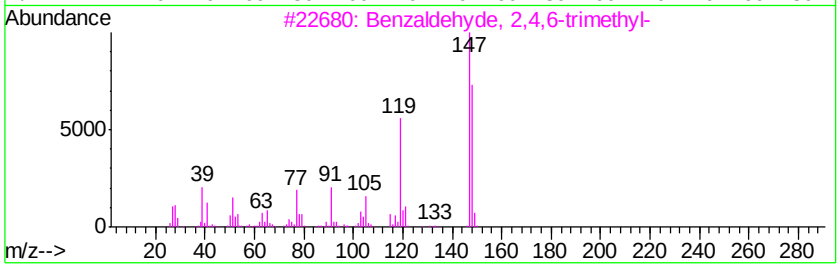
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.42 ng/ul	225727	Phenanthrene-d10	16.87

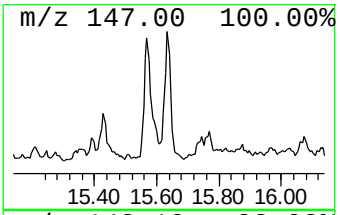
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methoxyindane	148	C10H12O	1000342-73-8	46
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	41
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	38
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	38
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	38

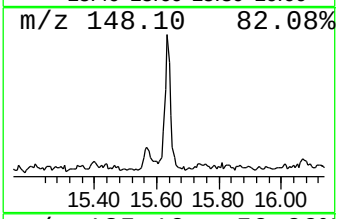


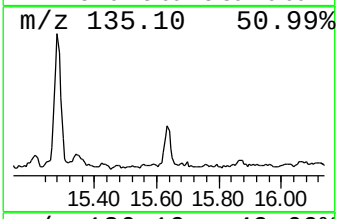


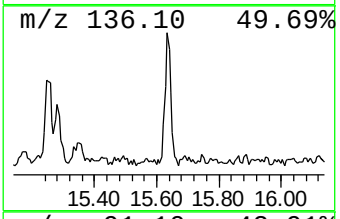


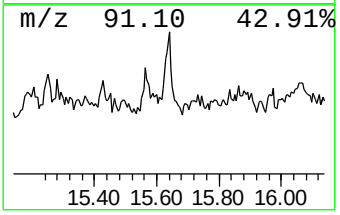












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

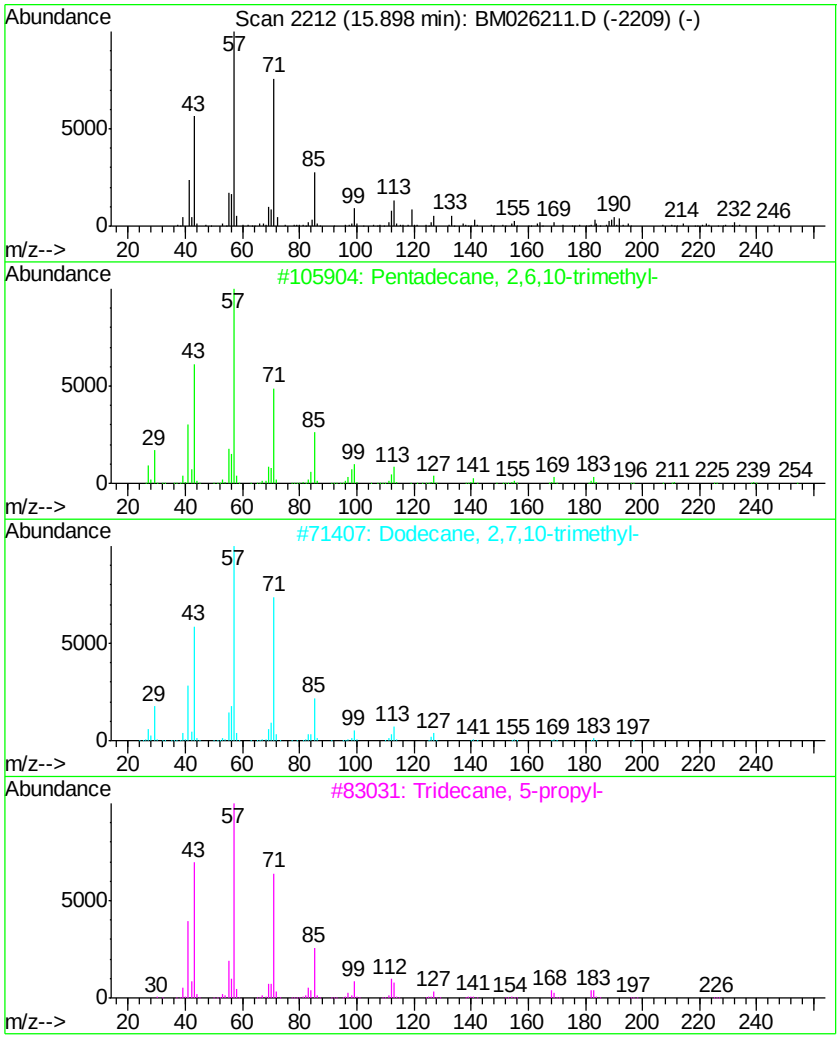
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

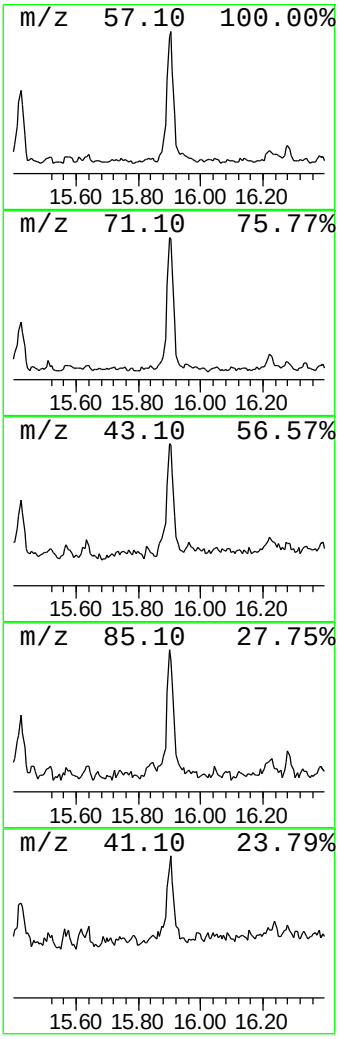
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.47 ng/ul	230438	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

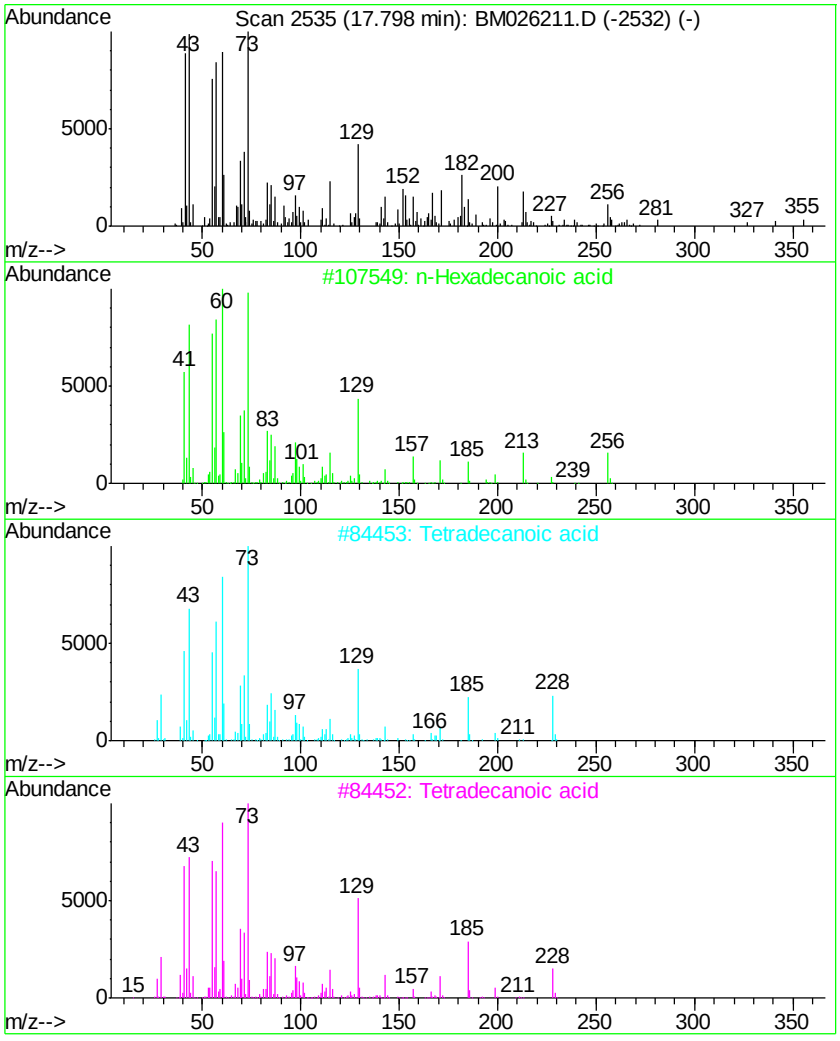
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

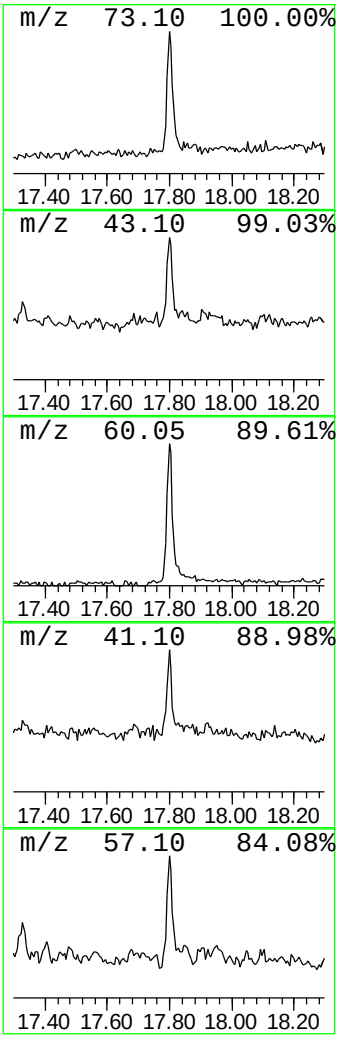
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.05 ng/ul	191020	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

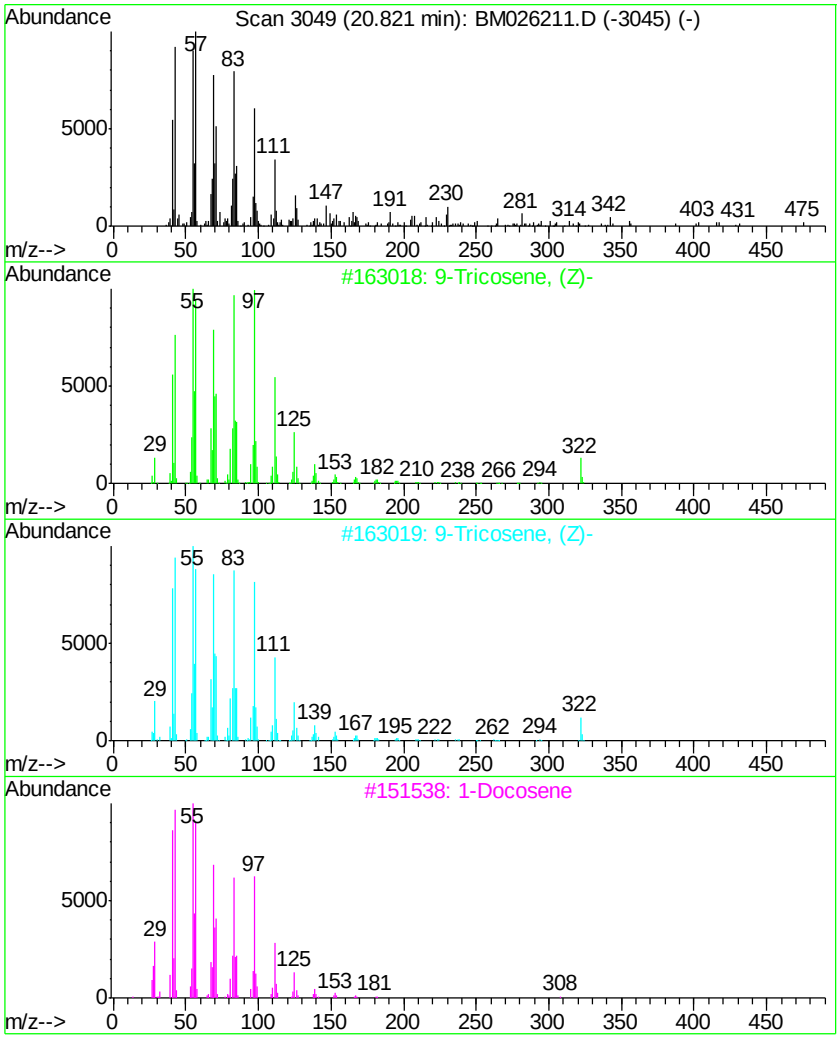
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

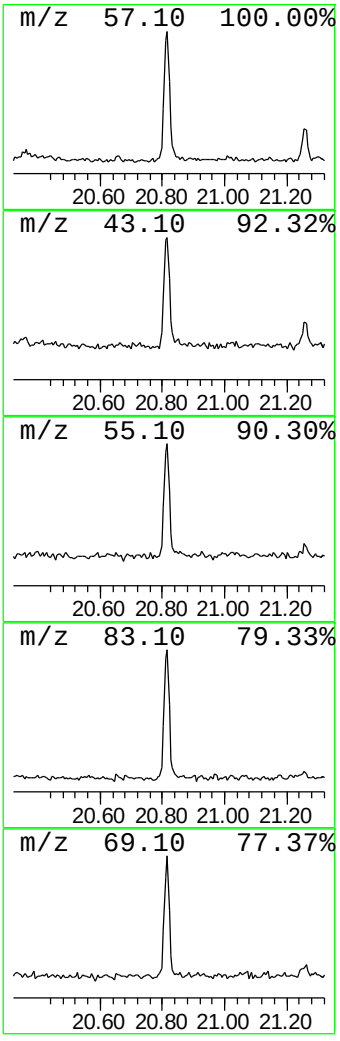
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.44 ng/ul	259319	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	1-Docosene	308	C22H44	001599-67-3	95
4	1-Tricosene	322	C23H46	018835-32-0	95
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026211.D
Acq On : 01 Jun 2020 23:41
Operator : JU/CG
Sample : L2829-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
1H-Inden-1-one, 2...	11.62	3.3	ng/ul	225048	2	10.23	1350030	20.0
Phenol, 3,4-dichl...	12.84	5.8	ng/ul	523068	3	14.12	1814360	20.0
unknown-01	15.64	2.4	ng/ul	225727	4	16.87	1866250	20.0
(DEL) Alkane: Str...	15.90	2.5	ng/ul	230438	4	16.87	1866250	20.0
n-Hexadecanoic acid	17.80	2.0	ng/ul	191020	4	16.87	1866250	20.0
(DEL) Alkane: Str...	20.82	2.4	ng/ul	259319	5	21.07	2124800	20.0