LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

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-BM090420MA.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	3.128	21	24	29	rVB4	16832	23374	1.54%	0.121%
2	3.752	126	130	136	rVB2	34368	52638	3.47%	0.273%
3	4.052	178	181	185	rVB	24081	29860	1.97%	0.155%
4	4.452	246	249	253	rVB2	14743	20201	1.33%	0.105%
5	4.728	292	296	300	rVB	19454	28088	1.85%	0.146%
6	6.746	632	639	652	rVB	174134	299275	19.71%	1.554%
7	6.898	659	665	673	rBV	182493	295302	19.45%	1.533%
8	7.098	693	699	707	rVB	208183	343293	22.61%	1.782%
9	7.204	712	717	722	rVB3	34951	51579	3.40%	0.268%
10	7.557	771	777	787	rBV	394556	609652	40.16%	3.165%
11	7.781	810	815	821	rBV4	11805	21352	1.41%	0.111%
12	8.269	892	898	911	rVV	226750	397449	26.18%	2.063%
13	8.381	911	917	922	rVV4	13911	29884	1.97%	0.155%
14	8.698	965	971	984	rVV	216163	368066	24.25%	1.911%
15	8.798	984	988	994	rVB6	7339	12721	0.84%	0.066%
16	9.416	1087	1093	1103	rBV	112974	204005	13.44%	1.059%
17	9.639	1127	1131	1137	rVB6	5190	10345	0.68%	0.054%
18	9.957	1178	1185	1198	rBV	226010	409102	26.95%	2.124%
19	10.204	1222	1227	1232	rVV7	4852	7058	0.46%	0.037%
20	10.322	1240	1247	1254	rBV	504884	859627	56.63%	4.462%
21	10.469	1265	1272	1289	rBV	151373	320052	21.08%	1.661%
22	11.381	1423	1427	1434	rBV7	4075	6480	0.43%	0.034%
23	11.786	1493	1496	1500	rVV2	4943	6876	0.45%	0.036%
24	11.928	1515	1520	1523	rBV5	3737	5429	0.36%	0.028%
25	11.998	1526	1532	1536	rBV7	3926	7436	0.49%	0.039%
26	12.216	1564	1569	1573	rBV4	2961	5549	0.37%	0.029%
27	12.469	1609	1612	1619	rBV4	6155	8196	0.54%	0.043%
28	12.557	1621	1627	1634	rVB8	4218	8502	0.56%	0.044%
29	12.751	1655	1660	1665	rBV5	4173	6837	0.45%	0.035%
30	12.816	1665	1671	1677	rVB6	5385	8713	0.57%	0.045%
31	12.957	1687	1695	1702	rVB5	14814	21718	1.43%	0.113%
32	13.045	1704	1710	1715	rVV	50084	65660	4.33%	0.341%
33	13.122	1720	1723	1727	rVB3	3426	5361	0.35%	0.028%
34	13.527	1787	1792	1796	rVV5	3436	6827	0.45%	0.035%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
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Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

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-BM090420MA.M
Title : SVOA CALIBRATION

35	13.616	1801	1807	1812	rVV	447833	627540	41.34%	3.258%
36	13.663	1812	1815	1820	rVV	44840	68600	4.52%	0.356%
37	13.716	1820	1824	1827	rVV5	9474	14541	0.96%	0.075%
38	13.827	1840	1843	1847	rVV5	6628	9102	0.60%	0.047%
39	13.886	1847	1853	1865	rVV	539862	773183	50.93%	4.014%
40	13.986	1865	1870	1875	rVB8	4049	5990	0.39%	0.031%
41	14.127	1891	1894	1898	rVB3	6150	7614	0.50%	0.040%
42	14.198	1898	1906	1913	rBV	721986	1043713	68.75%	5.418%
43	14.251	1913	1915	1919	rVB3	5032	5217	0.34%	0.027%
44	14.463	1945	1951	1957	rBV8	7317	15133	1.00%	0.079%
45	14.769	1996	2003	2008	rBV5	18787	29117	1.92%	0.151%
46	15.021	2043	2046	2053	rVB5	9083	15681	1.03%	0.081%
47	15.086	2053	2057	2061	rBV2	14609	20009	1.32%	0.104%
48	15.198	2069	2076	2088	rBV	676087	1014435	66.83%	5.266%
49	15.327	2093	2098	2106	rBV3	19039	38025	2.50%	0.197%
50	15.439	2111	2117	2121	rVB5	7461	11746	0.77%	0.061%
51	15.492	2121	2126	2131	rVB7	4728	7299	0.48%	0.038%
52	15.839	2182	2185	2190	rVB5	5663	7028	0.46%	0.036%
53	15.951	2193	2204	2205	rBV7	10975	18398	1.21%	0.096%
54	15.974	2205	2208	2216	rVB4	23883	35067	2.31%	0.182%
55	16.051	2216	2221	2225	rBV3	6222	9394	0.62%	0.049%
56	16.116	2225	2232	2236	rBV7	7772	12933	0.85%	0.067%
57	16.168	2239	2241	2245	rVB3	5063	6237	0.41%	0.032%
58	16.216	2245	2249	2253	rVB7	4473	7156	0.47%	0.037%
59	16.363	2269	2274	2280	rVB8	5676	11148	0.73%	0.058%
60	16.439	2283	2287	2290	rBV3	14853	23866	1.57%	0.124%
61	16.563	2303	2308	2311	rBV2	5635	7425	0.49%	0.039%
62	16.715	2329	2334	2345	rVV8	31041	69191	4.56%	0.359%
63	16.945	2367	2373	2378	rVV	858860	1212456	79.87%	6.294%
64	16.986	2378	2380	2384	rVV	37157	42738	2.82%	0.222%
65	17.045	2384	2390	2400	rVB	691257	1029504	67.82%	5.344%
66	17.192	2411	2415	2421	rBV2	59520	91433	6.02%	0.475%
67	17.251	2423	2425	2429	rVV5	6382	7839	0.52%	0.041%
68	17.298	2430	2433	2437	rVB6	7611	9459	0.62%	0.049%
69	17.351	2437	2442	2445	rBV6	5660	8640	0.57%	0.045%
70	17.451	2456	2459	2461	rBV4	6613	8148	0.54%	0.042%
71	17.480	2462	2464	2467	rVV4	8441	8900	0.59%	0.046%

LSC Area Percent Report

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Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

72	17.674	2493	2497	2501	rVB3	21426	29377	1.94%	0.152%
73	17.792	2512	2517	2522	rBV	268307	328621	21.65%	1.706%
74	17.874	2526	2531	2536	rVV4	41834	77630	5.11%	0.403%
75	17.933	2536	2541	2543	rVV	43598	68568	4.52%	0.356%
76	17.986	2547	2550	2559	rVB	84290	127088	8.37%	0.660%
77	18.086	2563	2567	2570	rBV	61842	88665	5.84%	0.460%
78	18.139	2570	2576	2580	rVB	86127	165904	10.93%	0.861%
79	18.310	2602	2605	2606	rBV2	6494	6559	0.43%	0.034%
80	18.380	2613	2617	2620	rBV6	17054	21314	1.40%	0.111%
81	18.527	2640	2642	2648	rVB7	7069	10969	0.72%	0.057%
82	18.627	2657	2659	2661	rBV3	6205	7306	0.48%	0.038%
83	18.680	2664	2668	2675	rVV	43130	68872	4.54%	0.358%
84	18.751	2675	2680	2684	rVV7	8694	18080	1.19%	0.094%
85	18.821	2686	2692	2697	rVV2	51444	91914	6.05%	0.477%
86	18.892	2700	2704	2711	rVB	60126	90068	5.93%	0.468%
87	18.974	2716	2718	2720	rVV2	10899	13933	0.92%	0.072%
88	19.009	2720	2724	2732	rVB	79346	120386	7.93%	0.625%
89	19.162	2747	2750	2753	rBV4	25055	32562	2.15%	0.169%
90	19.268	2766	2768	2772	rVB5	9057	8464	0.56%	0.044%
91	19.345	2775	2781	2787	rBV	982858	1383670	91.15%	7.183%
92	19.898	2867	2875	2879	rBV5	76348	194172	12.79%	1.008%
93	19.962	2883	2886	2890	rVB4	33805	46530	3.07%	0.242%
94	20.298	2939	2943	2947	rBV	139535	182360	12.01%	0.947%
95	20.821	3029	3032	3037	rBV	138242	160394	10.57%	0.833%
96	20.886	3039	3043	3052	rVV	317114	473122	31.17%	2.456%
97	21.086	3074	3077	3081	rBV	314690	356707	23.50%	1.852%
98	21.145	3082	3087	3092	rBV	1173265	1496935	98.61%	7.771%
99	23.174	3427	3432	3440	rBV	705615	1185539	78.10%	6.154%
100	23.309	3450	3455	3464	rVB	877622	1518040	100.00%	7.880%

Sum of corrected areas: 19264161

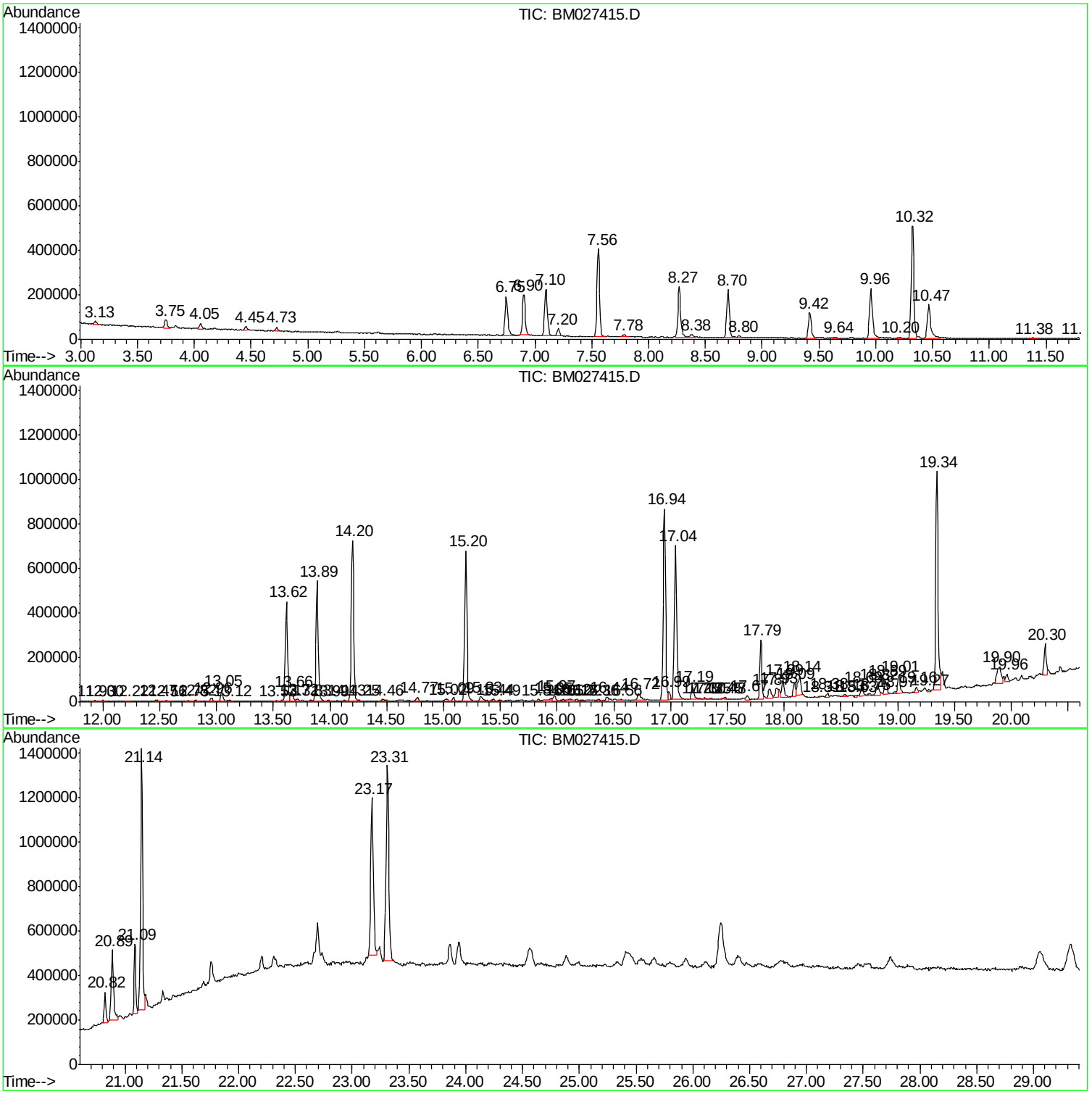
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

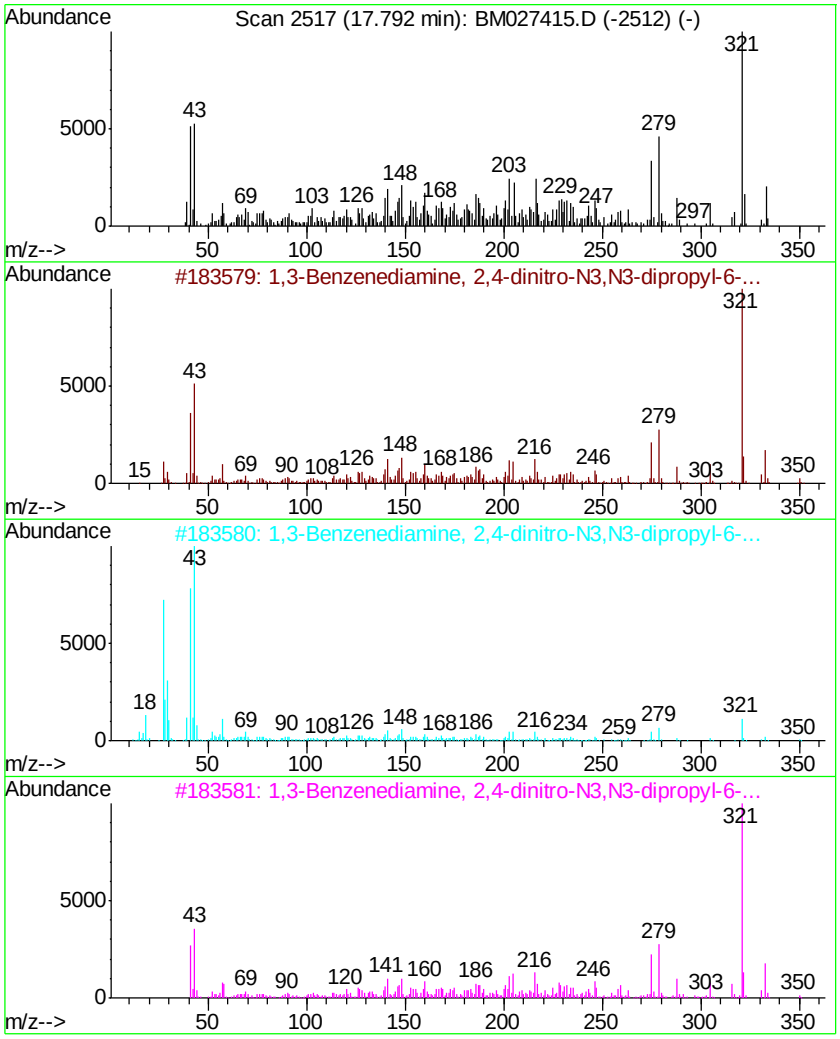
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

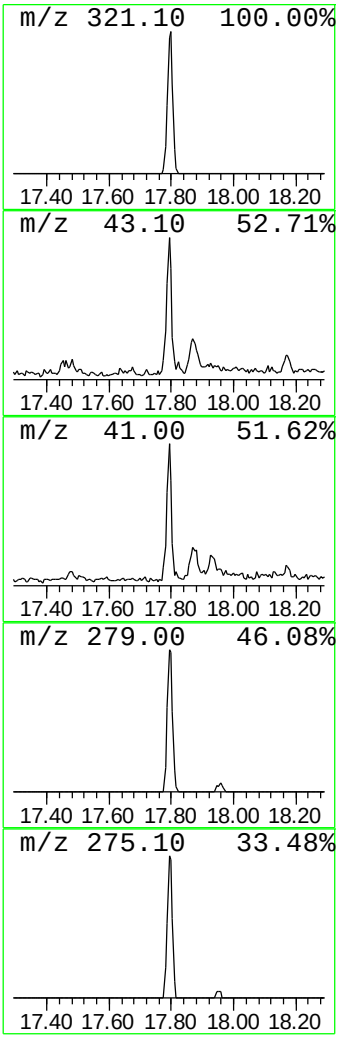
****

Peak Number 1 1,3-Benzenediamine, 2,4-din... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.42 ng/ul	328621	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 2,4-dinitro-...	350	C13H17F3N4O4	029091-21-2	91
2	1,3-Benzenediamine, 2,4-dinitro-...	350	C13H17F3N4O4	029091-21-2	91
3	1,3-Benzenediamine, 2,4-dinitro-...	350	C13H17F3N4O4	029091-21-2	45
4	4-Amino-5-nitro-6-[3,4,5-trimeth...	321	C13H15N5O5	1000254-14-1	41
5	3-(2-Hydroxy-5-nitrophenyl)-2-(6...	322	C17H14N4O3	1000311-98-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

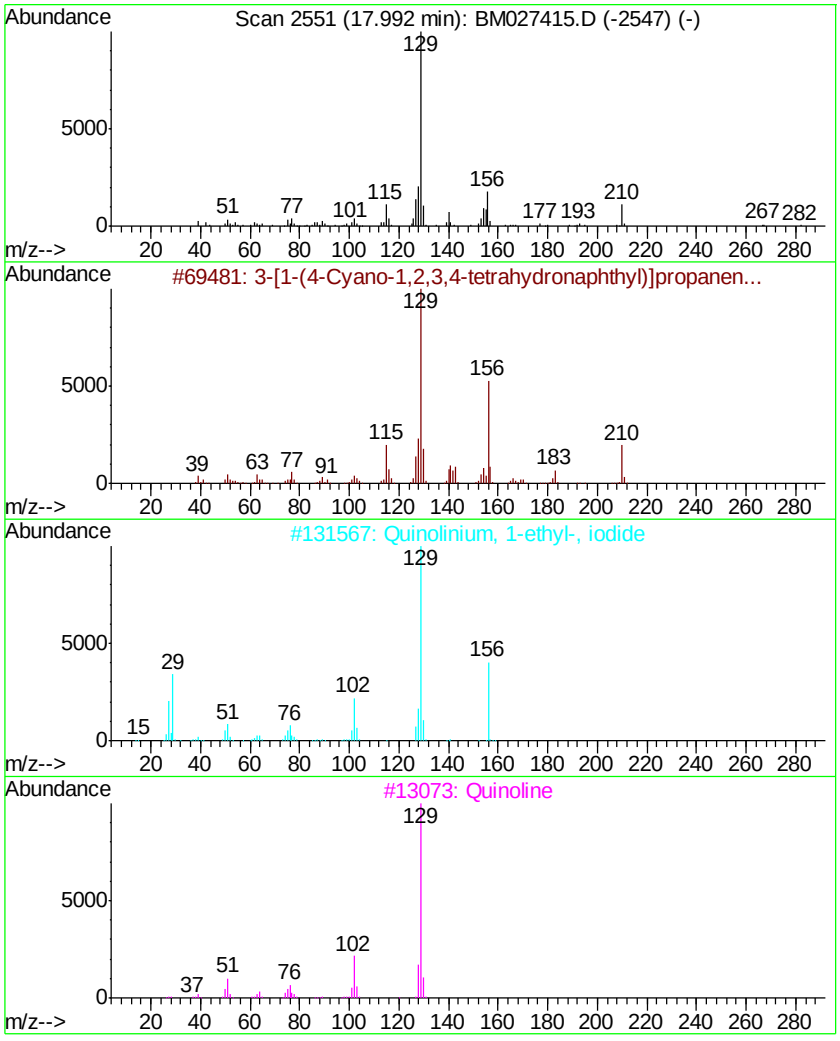
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

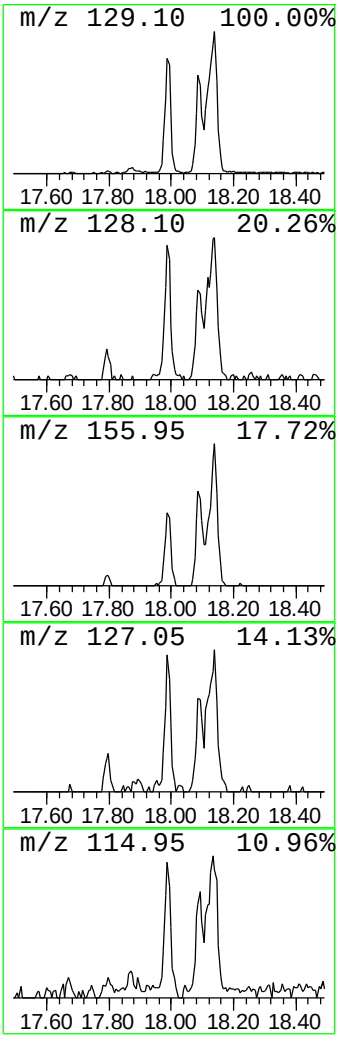
****

Peak Number 2 3-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.10 ng/ul	127088	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	64
2	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	53
3	Quinoline	129	C9H7N	000091-22-5	50
4	Isoquinoline	129	C9H7N	000119-65-3	49
5	Quinoline	129	C9H7N	000091-22-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

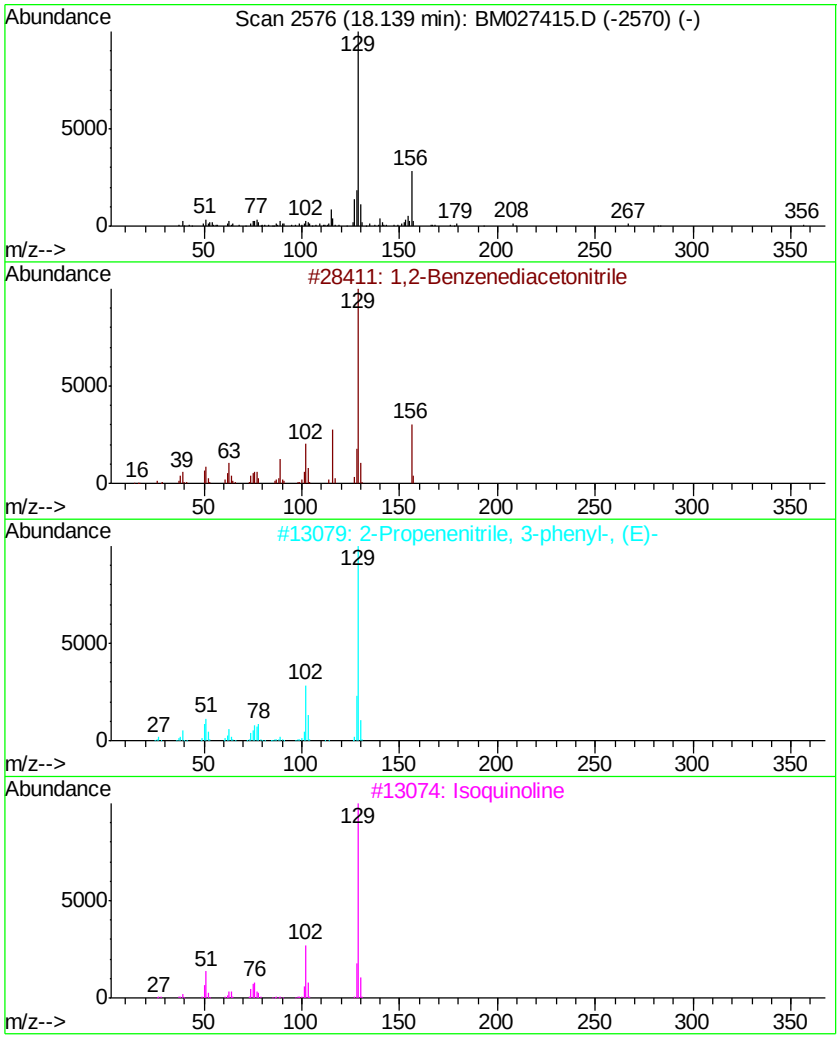
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

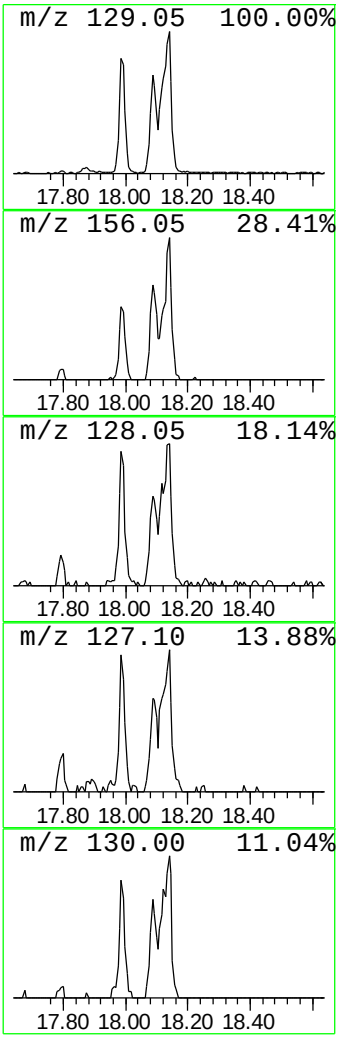
****

Peak Number 3 1,2-Benzenediacetonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.74 ng/ul	165904	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	64
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
3	Isoquinoline	129	C9H7N	000119-65-3	50
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	50
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

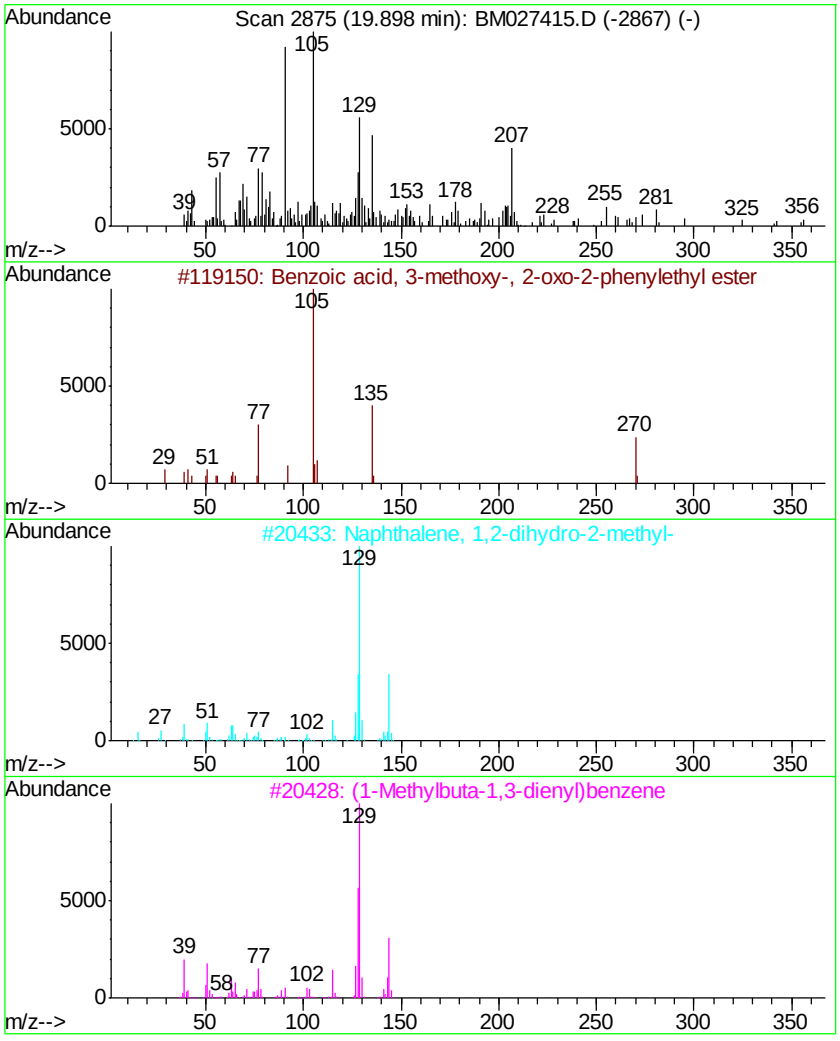
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

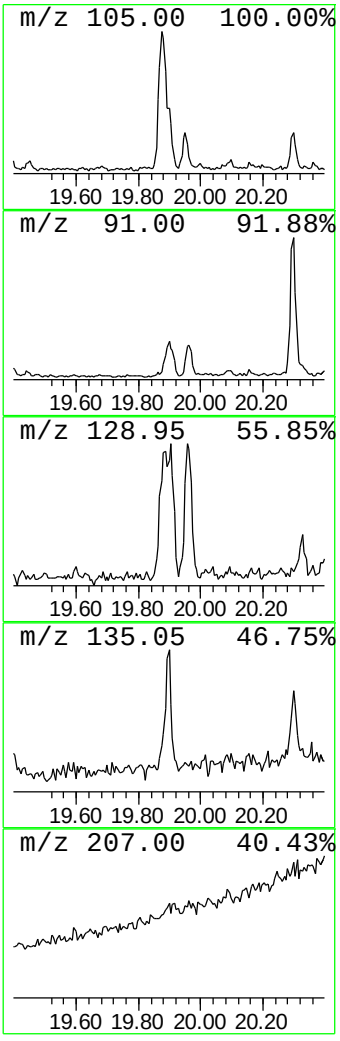
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.59 ng/ul	194172	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methoxy-, 2-oxo-...	270	C16H14O4	055153-18-9	25
2	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	25
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	22
4	Cyclopropene, 2,3-dimethyl-3-phe...	144	C11H12	1000162-49-5	22
5	Isoquinoline-3-carbohydrazide, N...	341	C21H15N3O2	1000296-43-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

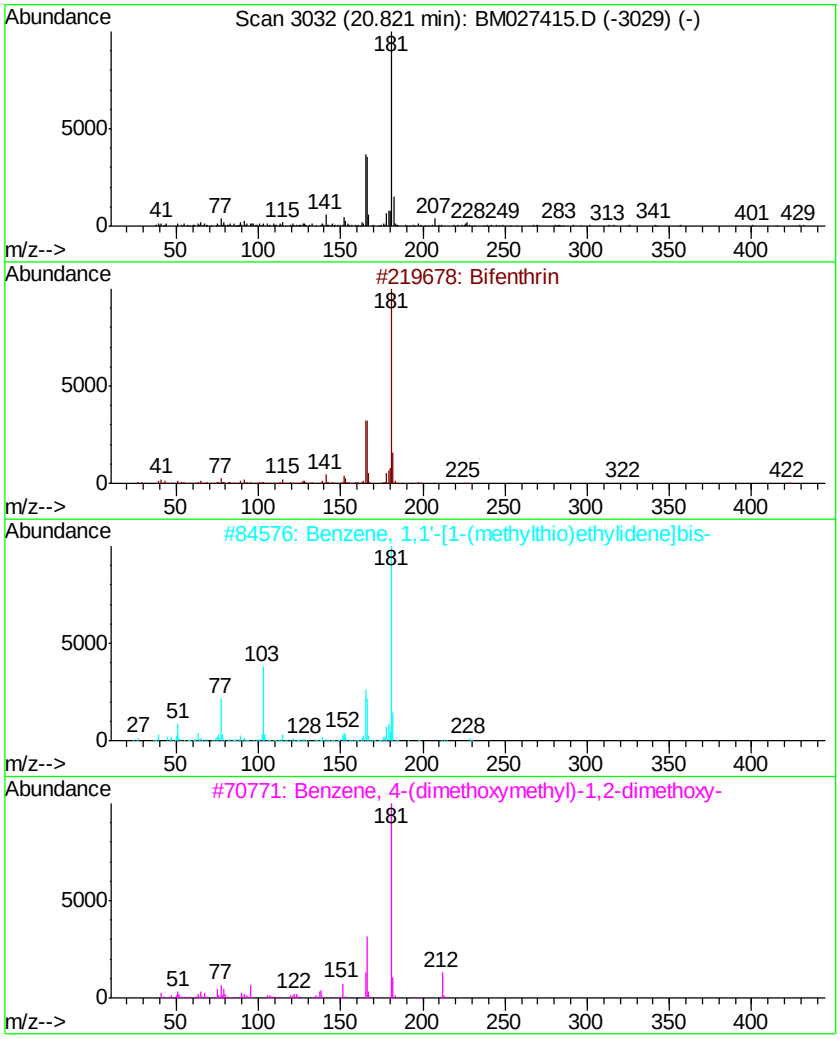
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

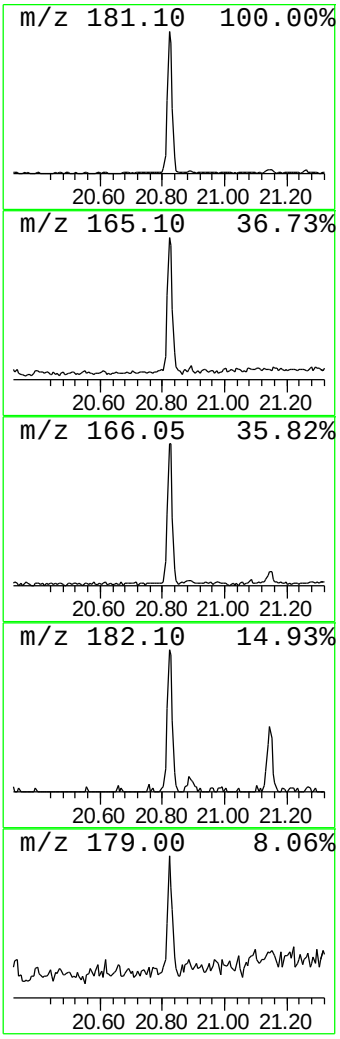
****

Peak Number 5 Bifenthrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.14 ng/ul	160394	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bifenthrin	422	C23H22ClF3O2	082657-04-3	90
2	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	78
3	Benzene, 4-(dimethoxymethyl)-1,2...	212	C11H16O4	059276-33-4	59
4	Benzeneethanol, .beta.-methyl-.b...	212	C15H16O	074421-26-4	59
5	2,2-Diphenylpropionic acid	226	C15H14O2	005558-66-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

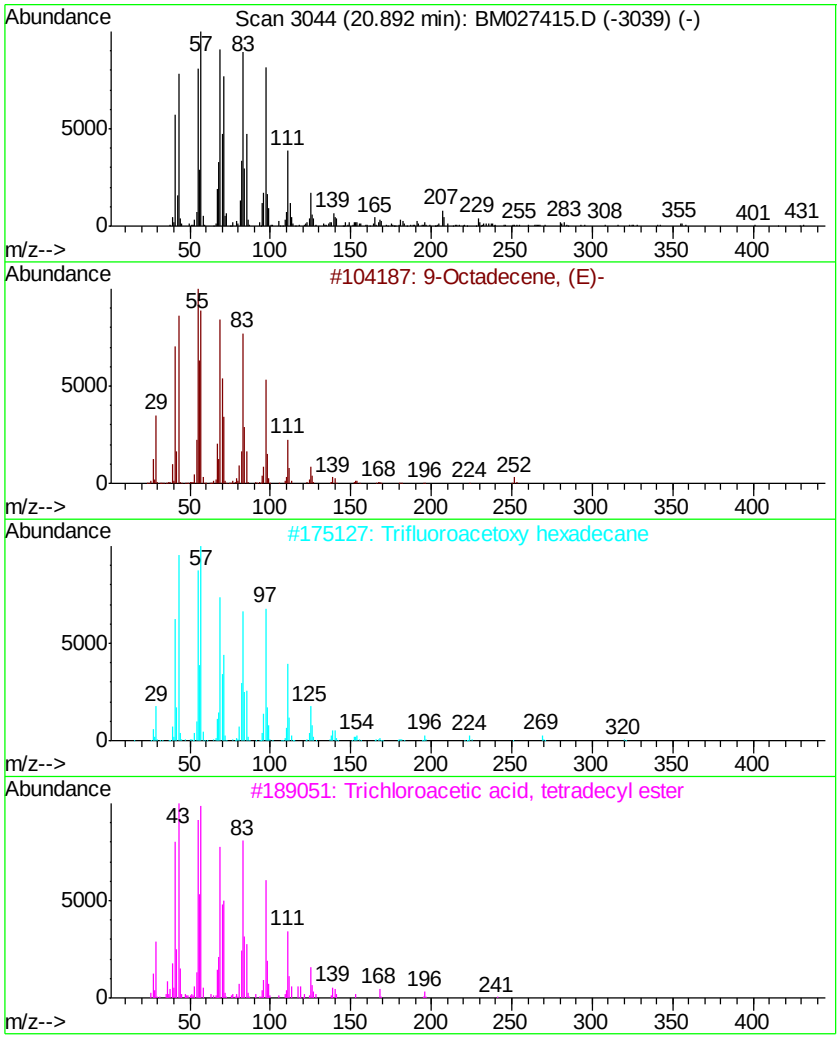
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

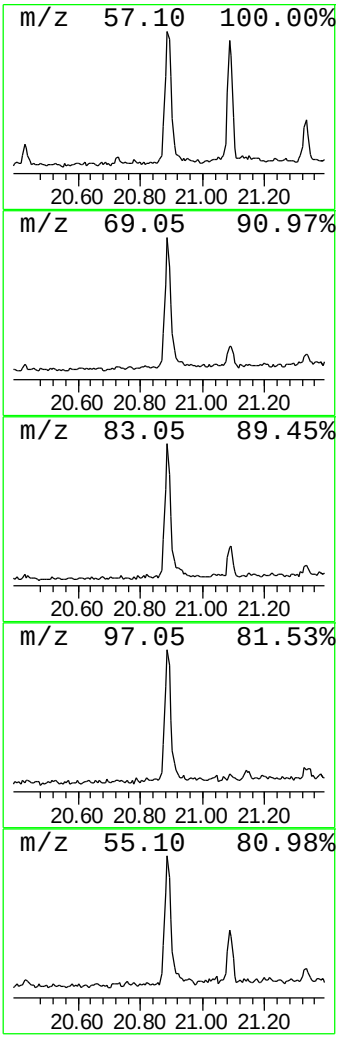
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.32 ng/ul	473122	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Hexacosanol	382	C26H54O	000506-52-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091520\
Data File : BM027415.D
Acq On : 15 Sep 2020 17:04
Operator : JU/CG
Sample : L3999-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H17Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
1,3-Benzenediamin...	17.79	5.4	ng/ul	328621	4	16.94	1212460	20.0
3-[1-(4-Cyano-1,2...	17.99	2.1	ng/ul	127088	4	16.94	1212460	20.0
1,2-Benzenediacet...	18.14	2.7	ng/ul	165904	4	16.94	1212460	20.0
unknown-01	19.90	2.6	ng/ul	194172	5	21.14	1496940	20.0
Bifenthrin	20.82	2.1	ng/ul	160394	5	21.14	1496940	20.0
(DEL) Alkane: Str...	20.89	6.3	ng/ul	473122	5	21.14	1496940	20.0