LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027254.D
Acq On : 26 Aug 2020 19:02
Operator : JU/CG
Sample : L3613-21
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

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-BM082520MA.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	3.157	25	29	36	rBV	32965	44377	0.96%	0.089%
2	3.428	73	75	78	rBV2	8075	10101	0.22%	0.020%
3	3.563	95	98	101	rVB3	5329	5156	0.11%	0.010%
4	3.657	110	114	118	rVB	18954	21277	0.46%	0.042%
5	3.781	130	135	142	rVB5	9949	20273	0.44%	0.040%
6	3.869	147	150	154	rVB3	8446	11376	0.25%	0.023%
7	4.087	182	187	199	rBV	86630	116639	2.51%	0.233%
8	4.487	250	255	262	rBV	49725	66825	1.44%	0.133%
9	4.763	297	302	307	rBV2	7689	11193	0.24%	0.022%
10	4.857	314	318	324	rVB5	6448	10436	0.22%	0.021%
11	6.622	615	618	625	rBV8	2897	6130	0.13%	0.012%
12	6.781	638	645	657	rBV	719015	1191680	25.67%	2.377%
13	6.940	666	672	682	rVB	562430	880621	18.97%	1.756%
14	7.134	698	705	715	rBV	789062	1206219	25.98%	2.406%
15	7.216	715	719	727	rBV2	38554	68944	1.49%	0.137%
16	7.592	777	783	793	rVB	695864	1079290	23.25%	2.152%
17	8.304	897	904	916	rBV	908361	1412865	30.43%	2.818%
18	8.734	965	977	990	rBV	724486	1192468	25.69%	2.378%
19	8.928	1005	1010	1016	rVB7	6216	12308	0.27%	0.025%
20	9.216	1052	1059	1063	rBV2	5277	8306	0.18%	0.017%
21	9.457	1092	1100	1112	rBV	618445	1025005	22.08%	2.044%
22	9.992	1183	1191	1204	rBV	1007288	1651448	35.57%	3.294%
23	10.363	1247	1254	1261	rBV	949528	1547731	33.34%	3.087%
24	10.498	1270	1277	1291	rBV	746693	1274147	27.45%	2.541%
25	11.504	1441	1448	1453	rBV7	5685	8547	0.18%	0.017%
26	11.892	1510	1514	1520	rBV5	2463	5646	0.12%	0.011%
27	11.963	1520	1526	1531	rVV3	13101	21157	0.46%	0.042%
28	12.598	1630	1634	1640	rBV7	3387	6248	0.13%	0.012%
29	12.845	1672	1676	1681	rVB4	3168	5458	0.12%	0.011%
30	13.080	1710	1716	1721	rBV8	6074	11879	0.26%	0.024%
31	13.151	1721	1728	1732	rBV5	9794	16999	0.37%	0.034%
32	13.286	1745	1751	1757	rVB	24004	38541	0.83%	0.077%
33	13.651	1805	1813	1817	rBV	1747061	2357104	50.78%	4.701%
34	13.698	1817	1821	1829	rVB	522669	695939	14.99%	1.388%

LSC Area Percent Report

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Sample : L3613-21
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

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-BM082520MA.M
Title : SVOA CALIBRATION

35	13.921	1852	1859	1874	rBV	1923413	2810512	60.54%	5.605%
36	14.068	1874	1884	1886	rBV5	18805	48699	1.05%	0.097%
37	14.168	1897	1901	1905	rVB3	5345	7932	0.17%	0.016%
38	14.233	1905	1912	1920	rBV2	1545574	2248950	48.45%	4.485%
39	14.321	1923	1927	1932	rVB6	5602	8057	0.17%	0.016%
40	14.439	1939	1947	1965	rBV	699507	1081812	23.30%	2.158%
41	14.598	1972	1974	1979	rVB5	4133	5332	0.11%	0.011%
42	14.680	1982	1988	1992	rBV5	4843	7887	0.17%	0.016%
43	15.063	2050	2053	2058	rVB3	4642	5289	0.11%	0.011%
44	15.133	2059	2065	2069	rVV6	8689	12599	0.27%	0.025%
45	15.233	2075	2082	2090	rBV	2464485	3498092	75.35%	6.976%
46	15.357	2096	2103	2115	rBV	684858	968803	20.87%	1.932%
47	15.474	2118	2123	2129	rVB	30210	48876	1.05%	0.097%
48	15.627	2144	2149	2153	rVB2	19361	27732	0.60%	0.055%
49	15.727	2161	2166	2170	rVB7	7911	13592	0.29%	0.027%
50	15.939	2198	2202	2204	rBV5	3771	5705	0.12%	0.011%
51	15.968	2204	2207	2212	rVV4	6089	9321	0.20%	0.019%
52	16.015	2212	2215	2222	rVB8	10592	17008	0.37%	0.034%
53	16.662	2322	2325	2329	rVB5	6610	7754	0.17%	0.015%
54	16.768	2337	2343	2348	rBV2	10013	17032	0.37%	0.034%
55	16.980	2372	2379	2384	rBV	2039863	2746025	59.15%	5.477%
56	17.021	2384	2386	2390	rVV	23172	26030	0.56%	0.052%
57	17.080	2390	2396	2406	rVV	2729626	3709981	79.92%	7.399%
58	17.186	2409	2414	2417	rBV6	4174	5961	0.13%	0.012%
59	17.904	2531	2536	2545	rBV	276404	387035	8.34%	0.772%
60	18.051	2558	2561	2566	rVB7	5403	7641	0.16%	0.015%
61	18.209	2584	2588	2594	rBV7	10378	21440	0.46%	0.043%
62	18.715	2669	2674	2679	rBV8	5761	12551	0.27%	0.025%
63	18.786	2682	2686	2694	rVV8	7876	17018	0.37%	0.034%
64	18.974	2714	2718	2721	rBV	59067	71434	1.54%	0.142%
65	19.015	2721	2725	2727	rVV	30160	42874	0.92%	0.086%
66	19.045	2727	2730	2738	rVB	72458	101995	2.20%	0.203%
67	19.192	2751	2755	2763	rBV	62096	93749	2.02%	0.187%
68	19.262	2764	2767	2773	rVV	29959	45016	0.97%	0.090%
69	19.380	2781	2787	2798	rVB	3529986	4642246	100.00%	9.258%
70	19.792	2853	2857	2862	rBV3	31100	38427	0.83%	0.077%
71	20.462	2969	2971	2975	rVB2	23029	22359	0.48%	0.045%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3613-21
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

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-BM082520MA.M
Title : SVOA CALIBRATION

72	20.921	3044	3049	3057	rBV	647930	891167	19.20%	1.777%
73	21.180	3088	3093	3098	rBV	2634936	3205626	69.05%	6.393%
74	21.362	3122	3124	3129	rVB2	70086	74996	1.62%	0.150%
75	21.809	3194	3200	3205	rBV3	265113	461213	9.94%	0.920%
76	22.738	3355	3358	3363	rVB	177366	233836	5.04%	0.466%
77	23.227	3434	3441	3448	rBV	2113524	3629806	78.19%	7.239%
78	23.291	3449	3452	3456	rVB3	173701	250276	5.39%	0.499%
79	23.362	3458	3464	3472	rVB2	1442834	2509359	54.05%	5.005%

Sum of corrected areas: 50141378

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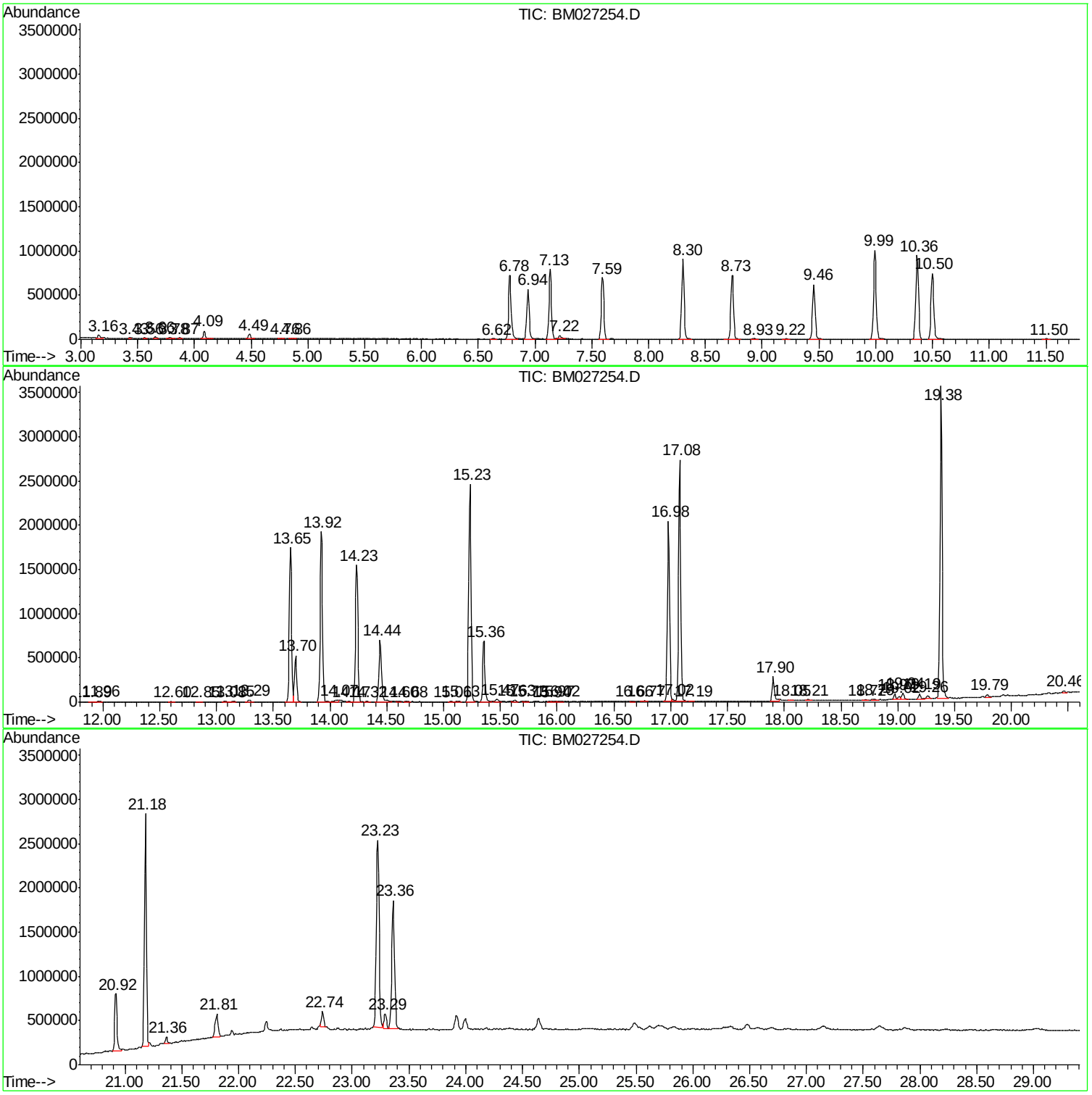
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027254.D
Acq On : 26 Aug 2020 19:02
Operator : JU/CG
Sample : L3613-21
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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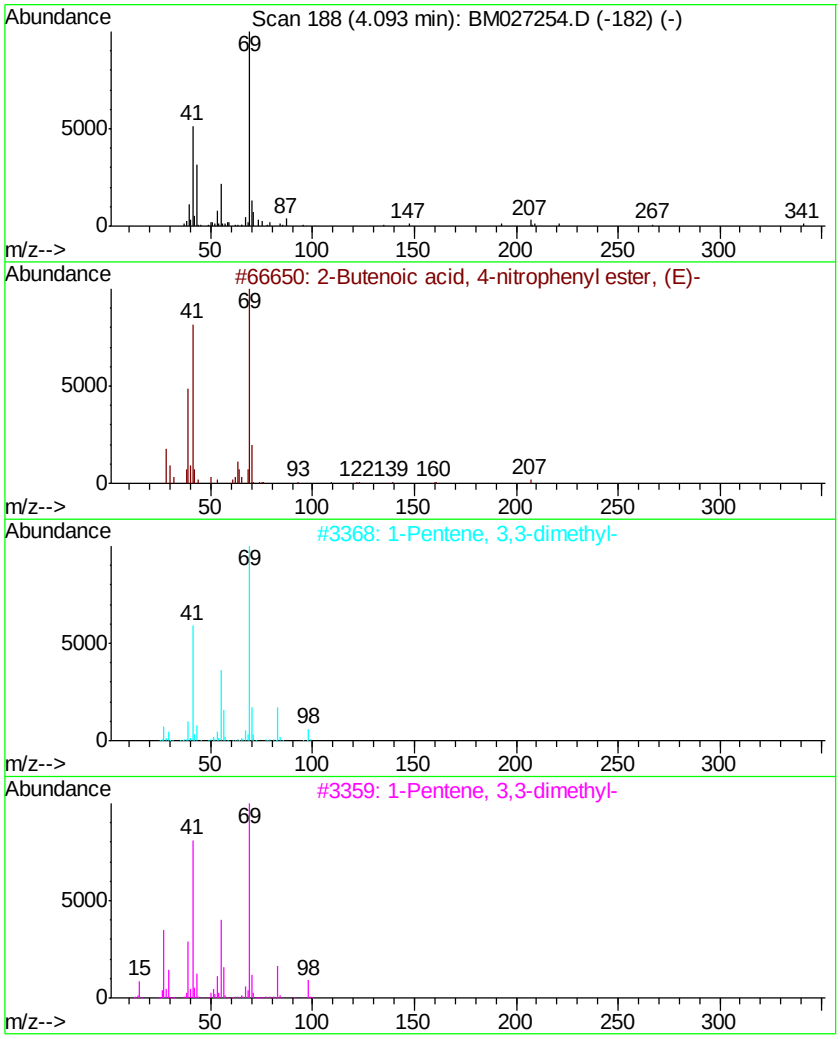
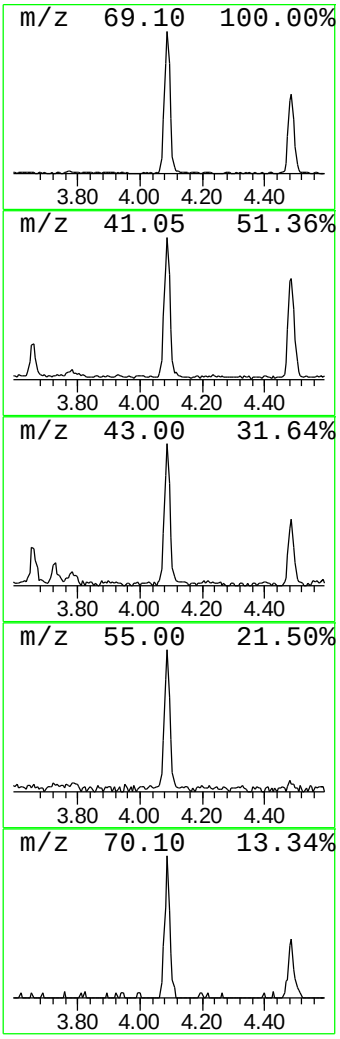
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	2.16 ng/ul	116639	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	39
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	39
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38
4	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	38
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027254.D
Acq On : 26 Aug 2020 19:02
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Sample : L3613-21
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

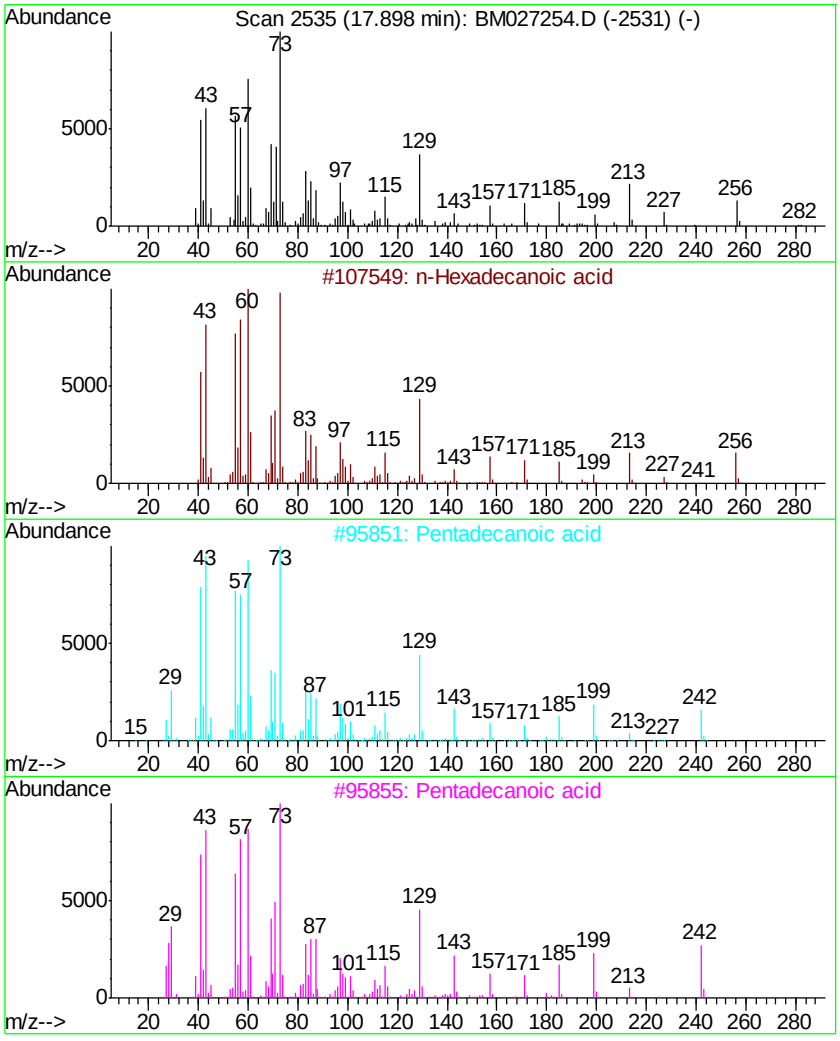
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

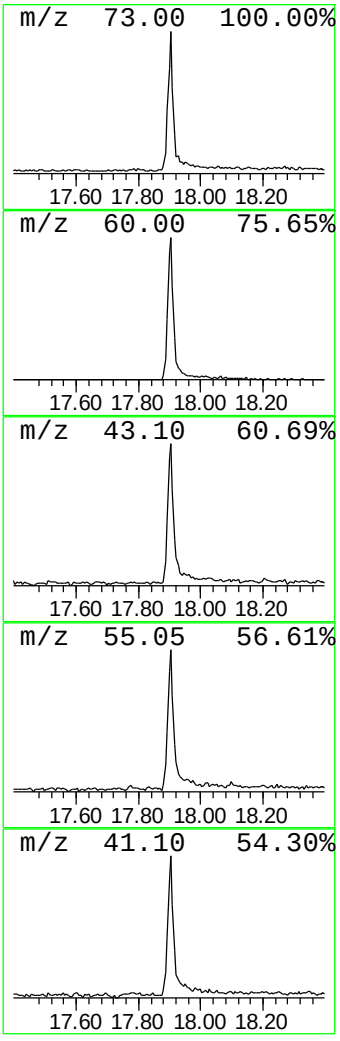
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.82 ng/ul	387035	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Octadecanoic acid	284	C18H36O2	000057-11-4	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027254.D
Acq On : 26 Aug 2020 19:02
Operator : JU/CG
Sample : L3613-21
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

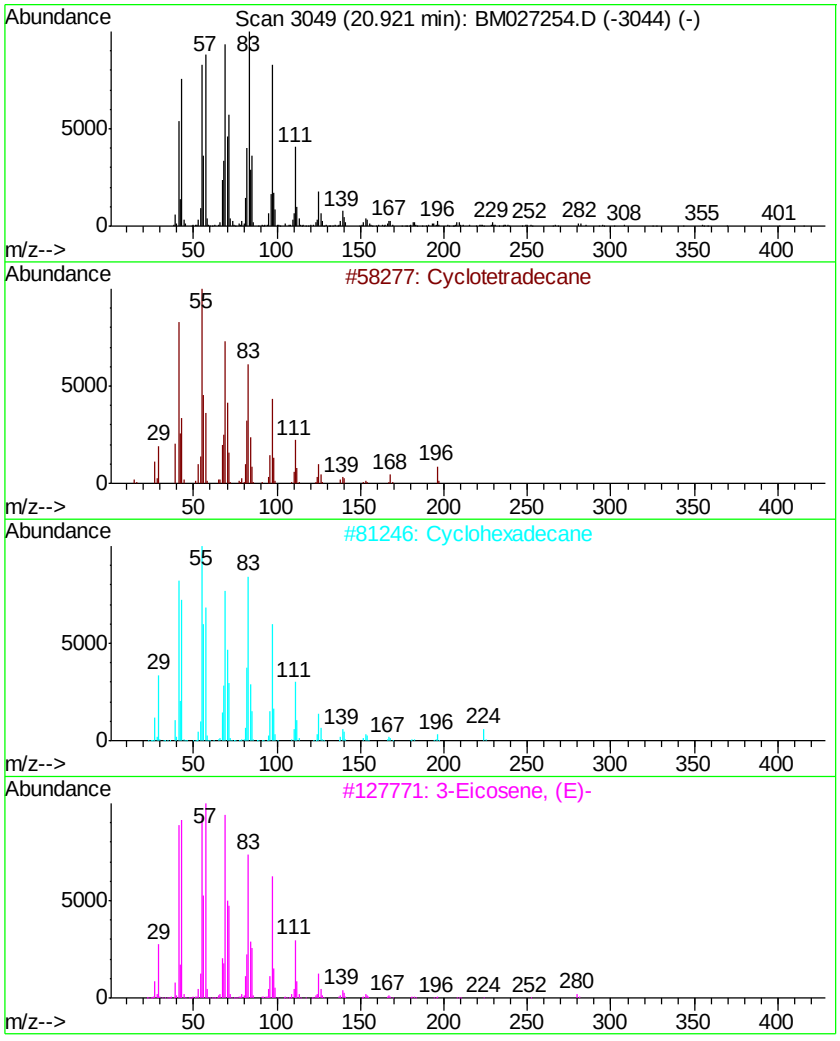
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

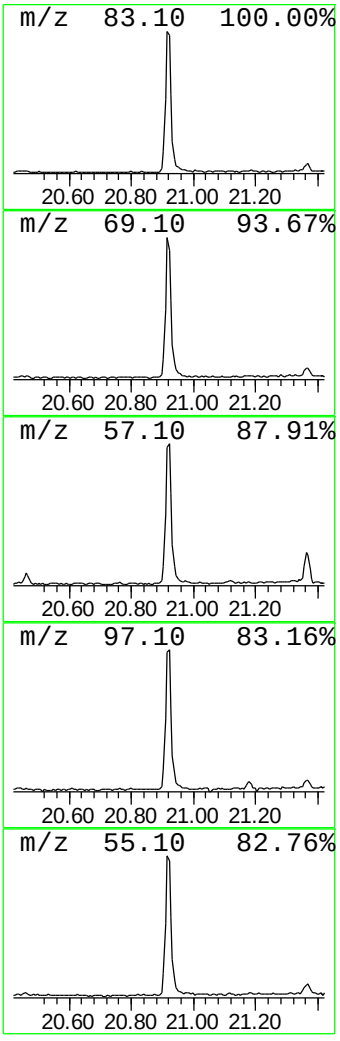
****

Peak Number 3 (DEL) Alkane: Cyclic20.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.56 ng/ul	891167	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Cyclohexadecane	224	C16H32	000295-65-8	92
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	89





Library Search Compound Report

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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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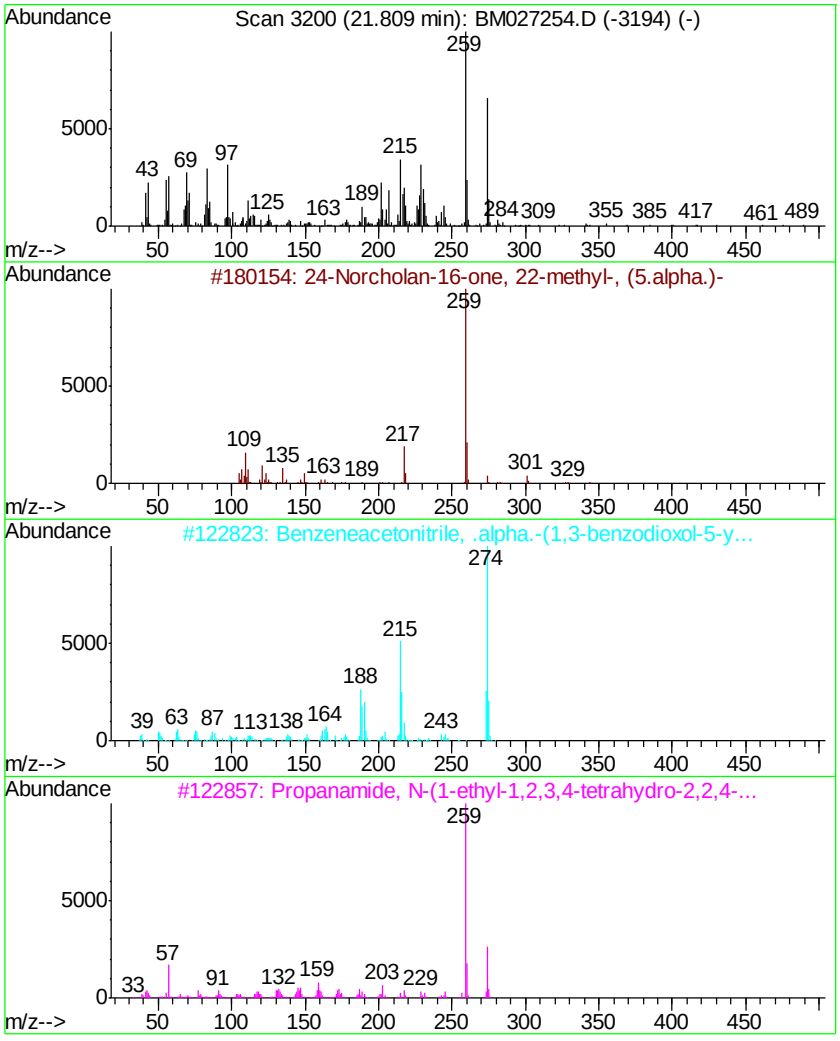
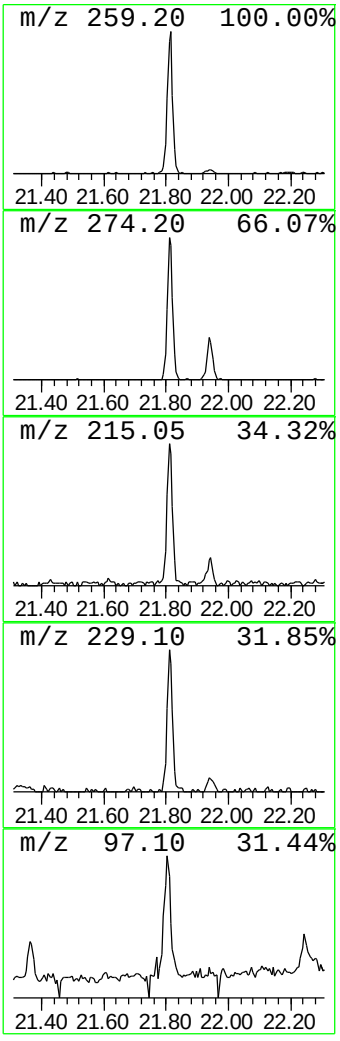
Peak Number 4 24-Norcholan-16-one, 22-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.88 ng/ul	461213	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	24-Norcholan-16-one, 22-methyl-,...	344	C24H40O	054498-41-8	50
2	Benzeneacetonitrile, .alpha.-(1,...	274	C17H10N2O2	1000337-29-1	47
3	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	47
4	Ethanone, 1-[5-(5-trifluoromethy...	274	C11H9F3N2OS	1000266-44-5	43
5	9-Methyl-3-phenyl-9H-pyridazino(...	259	C17H13N3	003980-90-3	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082520\
Data File : BM027254.D
Acq On : 26 Aug 2020 19:02
Operator : JU/CG
Sample : L3613-21
Misc :
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Instrument : BNA_M
ClientSampleId : DBFR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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
unknown-01	4.09	2.2	ng/ul	116639	1	7.59	1079290	20.0
n-Hexadecanoic acid	17.90	2.8	ng/ul	387035	4	16.98	2746030	20.0
(DEL) Alkane: Cyc...	20.92	5.6	ng/ul	891167	5	21.18	3205630	20.0
24-Norcholan-16-o...	21.81	2.9	ng/ul	461213	5	21.18	3205630	20.0