LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031997.D
Acq On : 31 Aug 2021 22:45
Operator : CG/JU
Sample : M3517-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC0

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\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM031997.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	4	7	14	rBV	14625	21329	0.89%	0.096%
2	3.528	72	75	87	rBV	72753	138838	5.81%	0.622%
3	3.816	120	124	127	rBV3	4354	5622	0.24%	0.025%
4	4.575	250	253	255	rBV2	2440	2909	0.12%	0.013%
5	4.857	297	301	310	rVB3	5052	8966	0.38%	0.040%
6	6.704	609	615	623	rBV	57161	101768	4.26%	0.456%
7	6.863	633	642	651	rBV	228211	371443	15.55%	1.663%
8	7.046	665	673	683	rVV	222708	372103	15.58%	1.666%
9	7.128	683	687	692	rVB6	2062	3960	0.17%	0.018%
10	7.504	744	751	761	rBV	274482	434122	18.18%	1.944%
11	8.216	866	872	881	rBV	119115	200218	8.38%	0.897%
12	8.657	939	947	956	rBV	325362	545059	22.82%	2.441%
13	8.787	966	969	973	rVB4	2169	3321	0.14%	0.015%
14	9.045	1008	1013	1019	rVB2	5368	9105	0.38%	0.041%
15	9.363	1061	1067	1078	rBV	273737	445847	18.67%	1.997%
16	9.898	1149	1158	1177	rBV	354720	634994	26.59%	2.844%
17	10.069	1181	1187	1201	rBV	86636	201965	8.46%	0.904%
18	10.257	1212	1219	1227	rBV	403719	670469	28.07%	3.003%
19	10.416	1240	1246	1257	rBV	123012	225447	9.44%	1.010%
20	11.086	1353	1360	1370	rBV2	57750	111774	4.68%	0.501%
21	11.522	1429	1434	1440	rBV4	4201	7127	0.30%	0.032%
22	11.863	1486	1492	1498	rVB3	6322	10940	0.46%	0.049%
23	12.751	1639	1643	1646	rBV4	2086	2744	0.11%	0.012%
24	13.045	1690	1693	1697	rVB5	2088	3361	0.14%	0.015%
25	13.569	1776	1782	1796	rBV	854006	1221215	51.14%	5.469%
26	13.833	1820	1827	1839	rBV	961695	1399593	58.60%	6.268%
27	14.145	1873	1880	1887	rBV	667349	1012270	42.39%	4.533%
28	14.333	1908	1912	1915	rVB3	2244	2396	0.10%	0.011%
29	14.410	1919	1925	1942	rBV3	30842	89899	3.76%	0.403%
30	15.145	2044	2050	2056	rBV	1346404	1847907	77.38%	8.276%
31	15.210	2056	2061	2069	rVV	140251	213996	8.96%	0.958%
32	15.292	2069	2075	2088	rVV	339863	505728	21.18%	2.265%
33	15.386	2088	2091	2095	rVB3	8490	11365	0.48%	0.051%
34	15.616	2125	2130	2134	rBV4	4293	5910	0.25%	0.026%
35	15.839	2164	2168	2171	rBV3	1994	2950	0.12%	0.013%
36	16.468	2269	2275	2277	rVB4	2549	3977	0.17%	0.018%

LSC Area Percent Report

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Acq On : 31 Aug 2021 22:45
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Sample : M3517-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC0

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\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

37	16.692	2308	2313	2318	rBV3	2873	5793	0.24%	0.026%
38	16.898	2342	2348	2359	rBV	865733	1250693	52.37%	5.601%
39	17.004	2359	2366	2380	rVV	1205563	1759282	73.67%	7.879%
40	17.210	2397	2401	2406	rBV4	2855	5150	0.22%	0.023%
41	17.286	2410	2414	2422	rVV5	1794	4373	0.18%	0.020%
42	17.598	2461	2467	2471	rBV	15082	21234	0.89%	0.095%
43	17.815	2496	2504	2511	rBV2	60141	84722	3.55%	0.379%
44	17.886	2513	2516	2520	rVV3	11396	16793	0.70%	0.075%
45	17.927	2520	2523	2524	rVV3	2532	2731	0.11%	0.012%
46	17.968	2527	2530	2534	rBV4	2086	3424	0.14%	0.015%
47	18.021	2534	2539	2541	rVV6	2342	3519	0.15%	0.016%
48	18.145	2555	2560	2565	rBV6	9864	15716	0.66%	0.070%
49	18.304	2582	2587	2593	rBV4	16198	28555	1.20%	0.128%
50	18.439	2608	2610	2617	rVB8	2562	4492	0.19%	0.020%
51	18.721	2655	2658	2666	rBV8	3847	8388	0.35%	0.038%
52	18.862	2678	2682	2688	rBV3	13449	21325	0.89%	0.096%
53	18.939	2691	2695	2701	rVV	18561	23658	0.99%	0.106%
54	19.109	2719	2724	2730	rBV3	36979	52458	2.20%	0.235%
55	19.304	2751	2757	2767	rBV	1666378	2341853	98.06%	10.488%
56	19.404	2769	2774	2779	rVV2	20142	31497	1.32%	0.141%
57	19.586	2801	2805	2812	rVB	13261	20554	0.86%	0.092%
58	20.839	3015	3018	3025	rBV3	48896	80839	3.38%	0.362%
59	21.109	3058	3064	3070	rBV	1137297	1470960	61.59%	6.587%
60	22.615	3317	3320	3325	rVB2	65283	85487	3.58%	0.383%
61	23.115	3398	3405	3419	rVB	1237717	2388200	100.00%	10.695%
62	23.244	3421	3427	3435	rVB2	754634	1341557	56.17%	6.008%
63	23.744	3509	3512	3519	rVB2	117940	194737	8.15%	0.872%
64	24.439	3627	3630	3637	rVB2	122246	211061	8.84%	0.945%

Sum of corrected areas: 22329688

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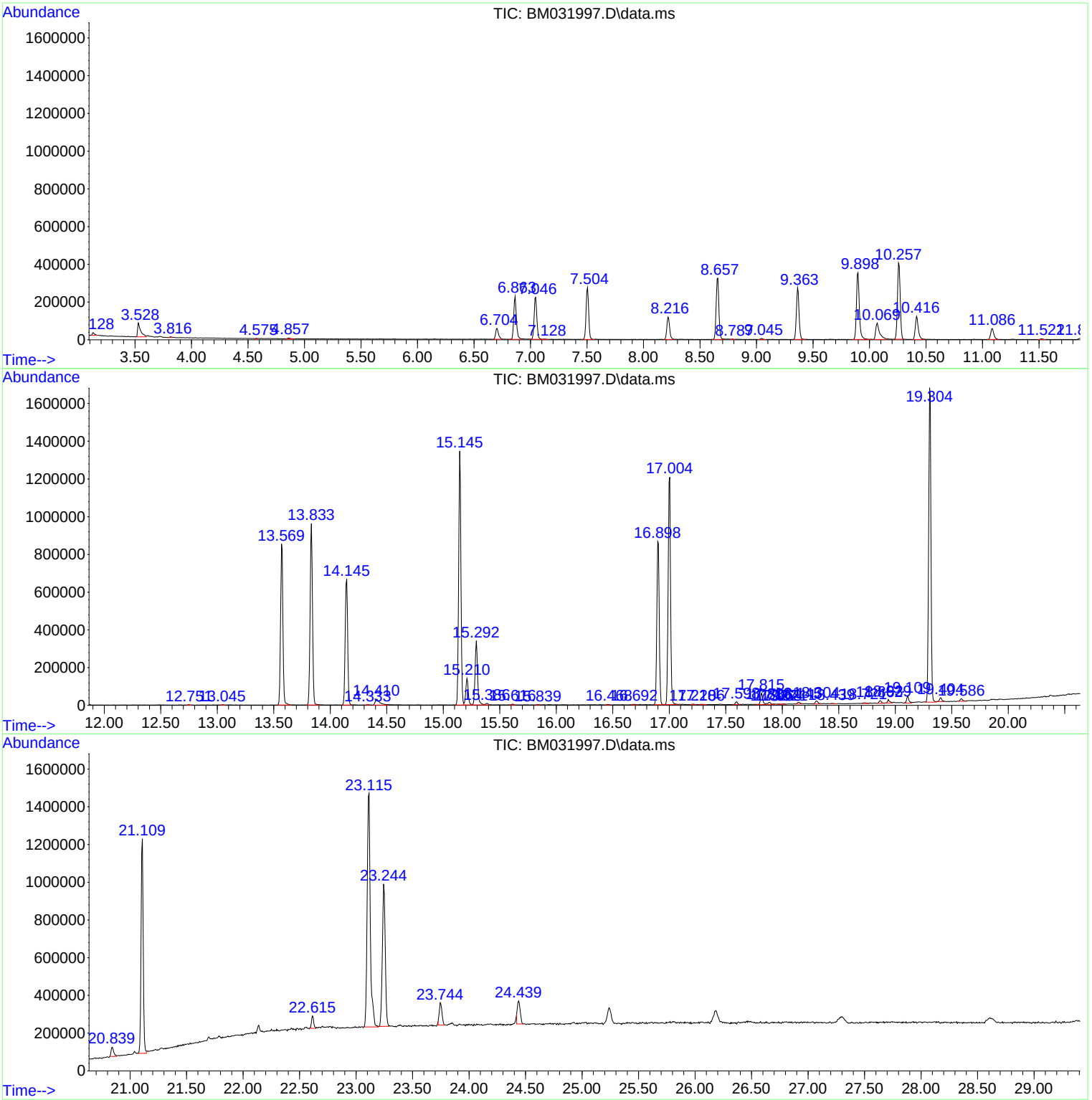
Instrument :
BNA_M
ClientSampleId :
C0AC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031997.D
Acq On : 31 Aug 2021 22:45
Operator : CG/JU
Sample : M3517-10
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Instrument :
BNA_M
ClientSampleId :
C0AC0

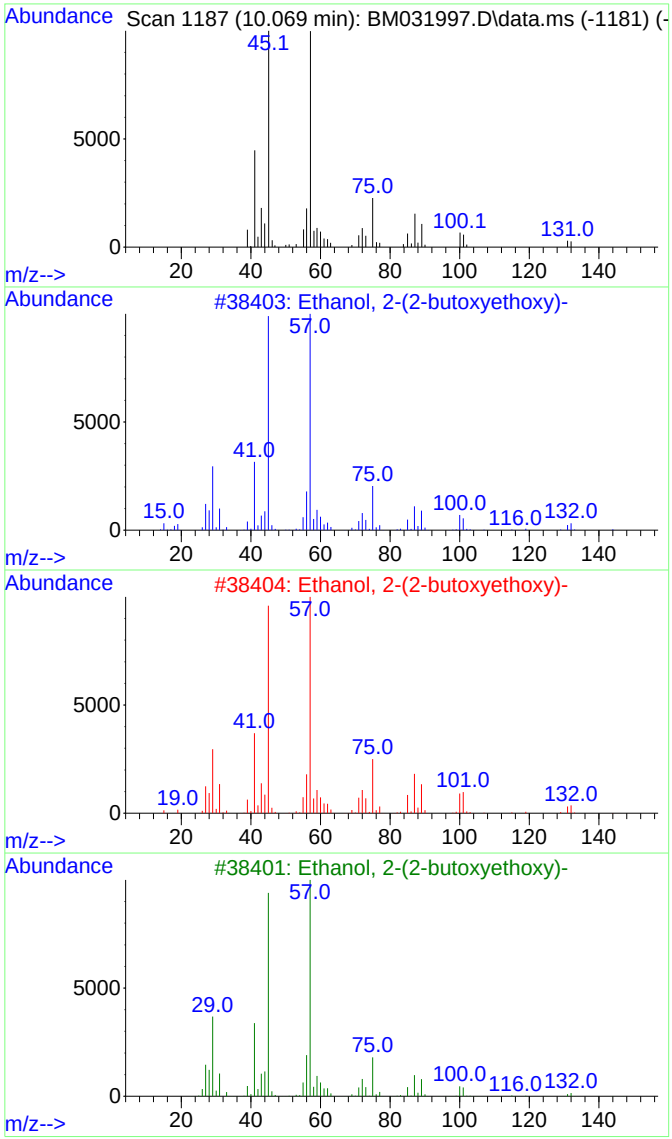
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

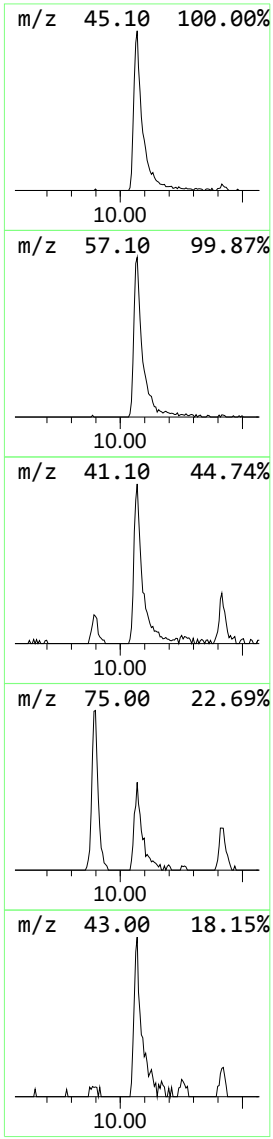
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	6.02 ng/ul	201965	Naphthalene-d8	10.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72





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Data File : BM031997.D
Acq On : 31 Aug 2021 22:45
Operator : CG/JU
Sample : M3517-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

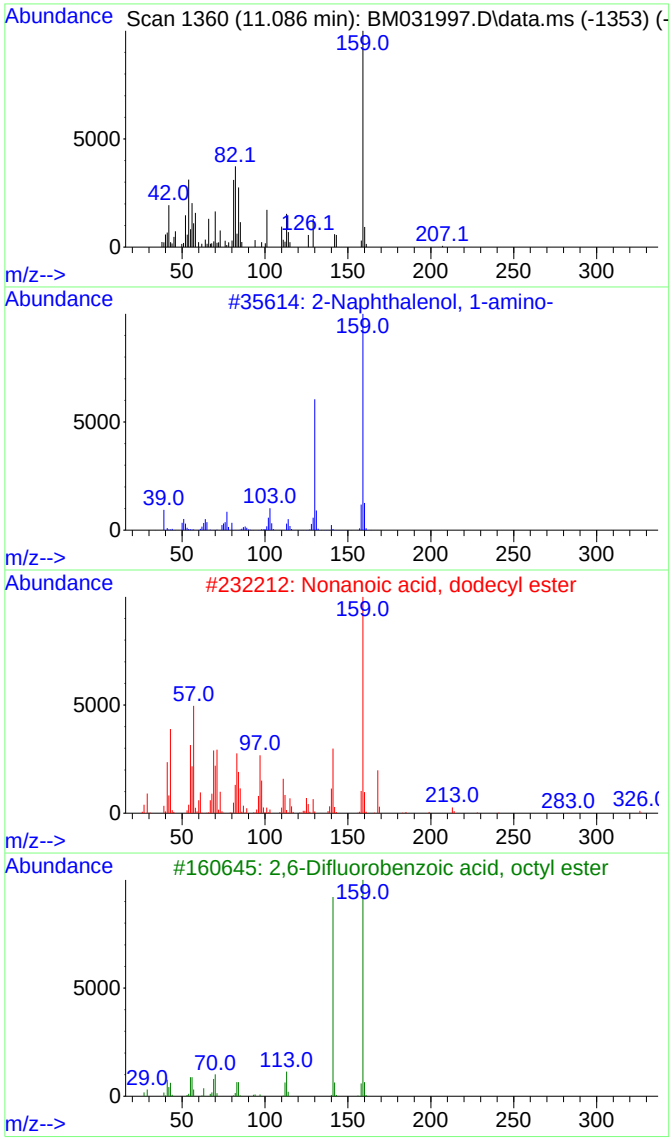
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

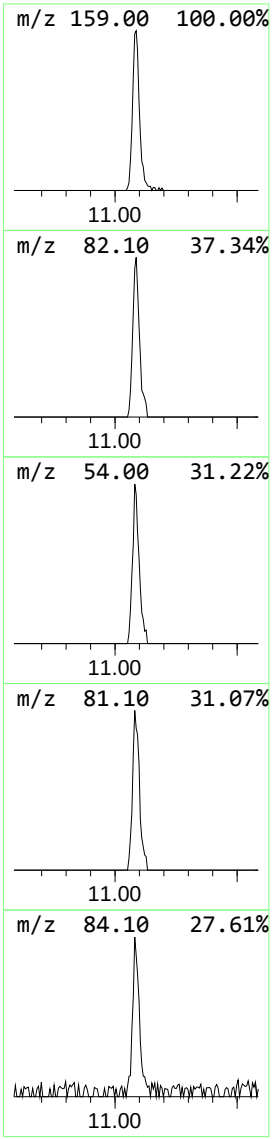
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.33 ng/ul	111774	Naphthalene-d8	10.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	43
2	Nonanoic acid, dodecyl ester	326	C21H42O2	1000340-27-9	40
3	2,6-Difluorobenzoic acid, octyl ...	270	C15H20F2O2	1000292-39-2	38
4	2,4-Difluorobenzoic acid, undecy...	312	C18H26F2O2	1000338-78-9	38
5	benzo[b]thiophene-3-carbonitrile	159	C9H5NS	1000404-37-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031997.D
Acq On : 31 Aug 2021 22:45
Operator : CG/JU
Sample : M3517-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

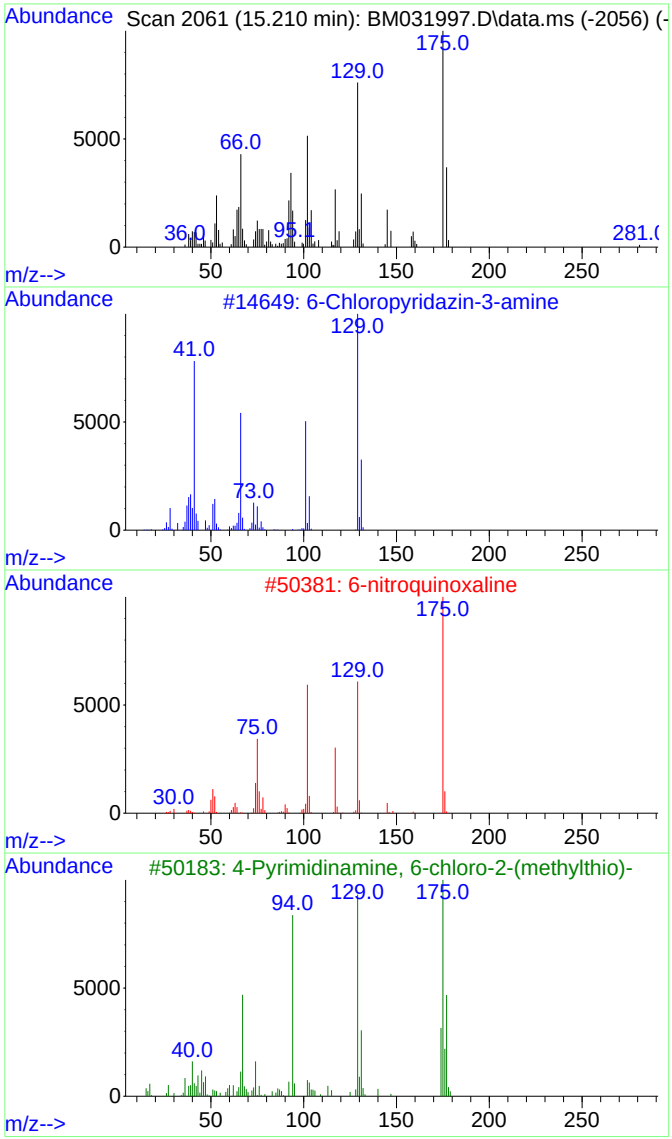
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

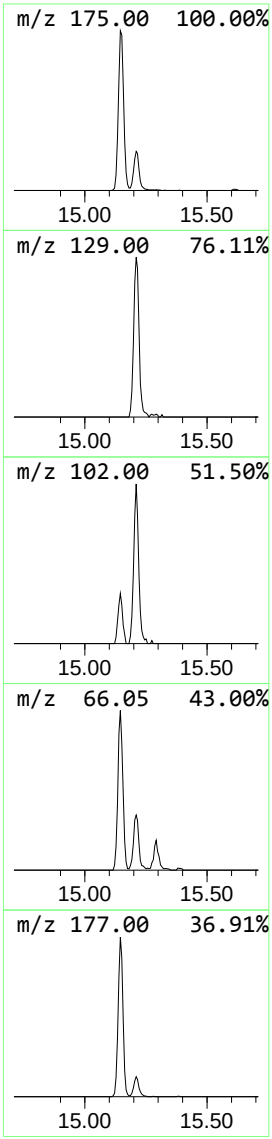
****

Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	4.23 ng/ul	213996	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloropyridazin-3-amine	129	C4H4ClN3	005469-69-2	46
2	6-nitroquinoxaline	175	C8H5N3O2	1000468-31-8	41
3	4-Pyrimidinamine, 6-chloro-2-(me...	175	C5H6ClN3S	001005-38-5	38
4	4-Pyrimidinamine, 6-chloro-2-(me...	175	C5H6ClN3S	001005-38-5	38
5	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031997.D
Acq On : 31 Aug 2021 22:45
Operator : CG/JU
Sample : M3517-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

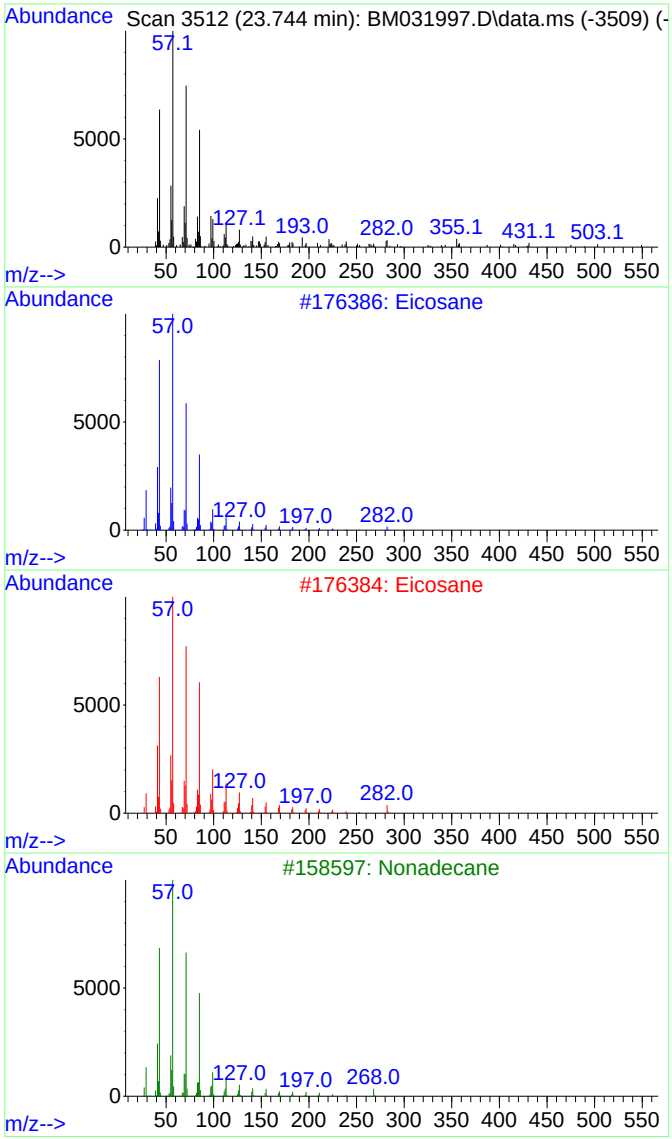
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

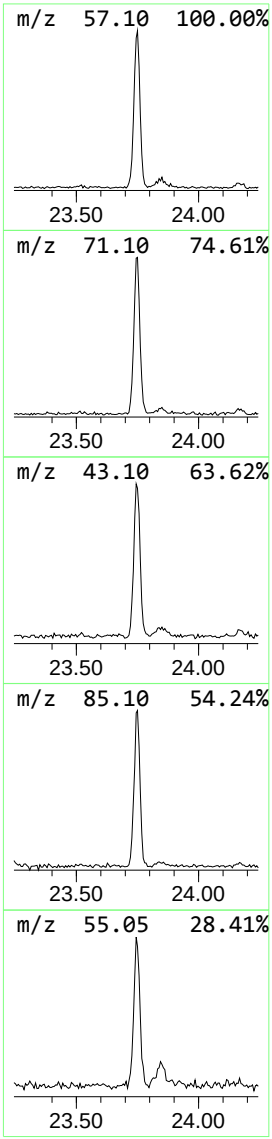
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.744	2.90 ng/ul	194737	Perylene-d12	23.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexacosane	366	C26H54	000630-01-3	87





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC0

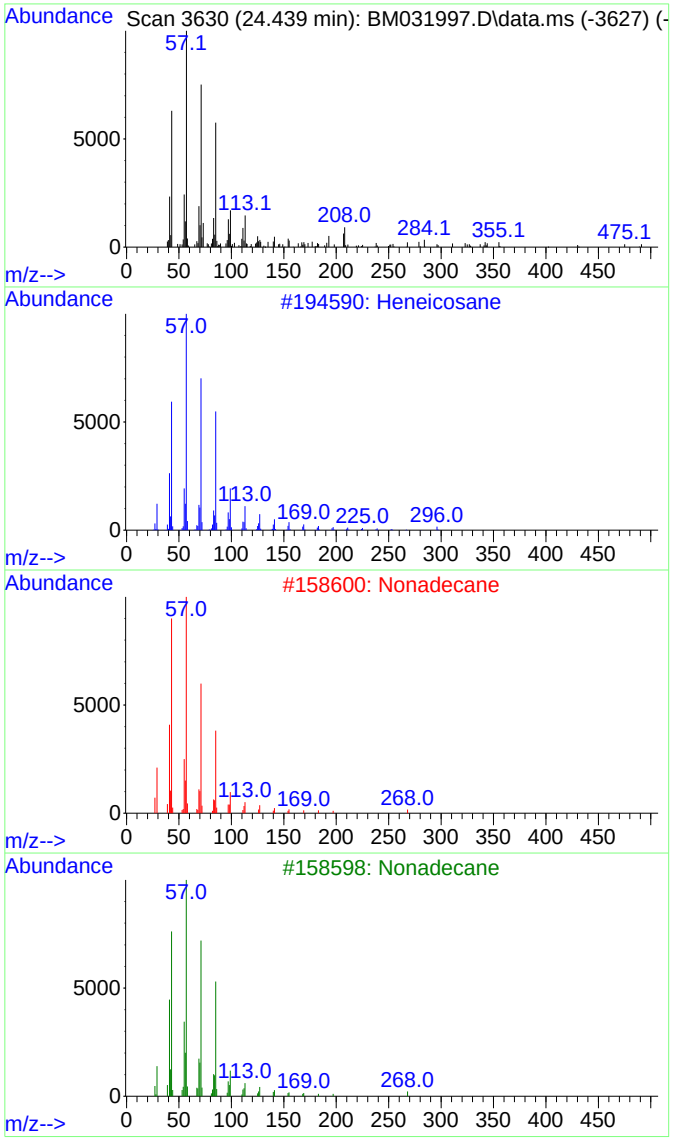
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

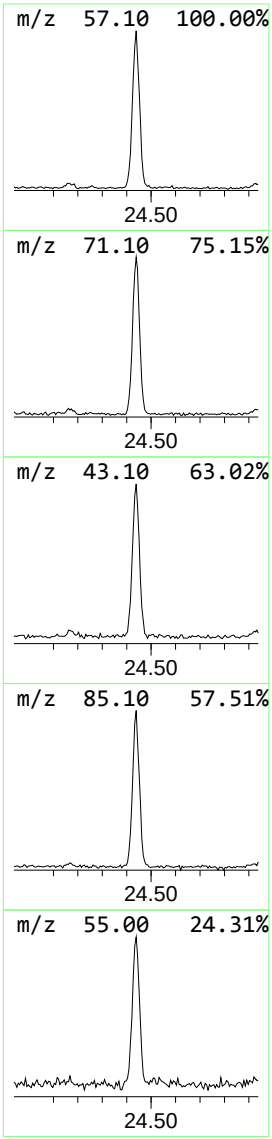
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.439	3.15 ng/ul	211061	Perylene-d12	23.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Nonadecane	268	C19H40	000629-92-5	81
3	Nonadecane	268	C19H40	000629-92-5	76
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031997.D
Acq On : 31 Aug 2021 22:45
Operator : CG/JU
Sample : M3517-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.069	6.0	ng/ul	201965	2	10.257	670469	20.0
unknown-01	11.086	3.3	ng/ul	111774	2	10.257	670469	20.0
unknown-02	15.210	4.2	ng/ul	213996	3	14.145	1012270	20.0
(DEL) Alkane: S...	23.744	2.9	ng/ul	194737	6	23.244	1341560	20.0
(DEL) Alkane: S...	24.439	3.1	ng/ul	211061	6	23.244	1341560	20.0