LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015059.D
Acq On : 25 Jun 2021 02:48
Operator : CG/JU
Sample : M2682-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD43

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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	30	34	42	rVB	19690	30300	0.25%	0.084%
2	3.681	99	101	112	rBV	79517	128787	1.05%	0.359%
3	3.781	116	118	126	rVB2	11488	16052	0.13%	0.045%
4	3.911	135	140	146	rBV	10476	17976	0.15%	0.050%
5	3.999	151	155	161	rVB	31081	44911	0.37%	0.125%
6	4.358	211	216	222	rVB3	12978	17075	0.14%	0.048%
7	4.534	242	246	251	rVB	27135	35222	0.29%	0.098%
8	5.281	369	373	379	rBV	18858	25852	0.21%	0.072%
9	5.411	390	395	404	rBV	61878	119309	0.97%	0.332%
10	5.775	450	457	462	rBV	30129	46827	0.38%	0.130%
11	6.893	639	647	657	rBV	295129	467285	3.81%	1.302%
12	7.064	670	676	687	rBV	218890	344881	2.81%	0.961%
13	7.264	702	710	717	rBV	290843	468290	3.81%	1.305%
14	7.728	782	789	795	rVV	515841	804878	6.56%	2.243%
15	7.787	795	799	804	rVB	10547	16031	0.13%	0.045%
16	7.964	823	829	836	rBV2	7178	12460	0.10%	0.035%
17	8.416	900	906	913	rBV	298676	462304	3.77%	1.288%
18	8.534	920	926	934	rBV	16144	26153	0.21%	0.073%
19	8.869	977	983	991	rVB	243823	395122	3.22%	1.101%
20	9.587	1098	1105	1113	rVB	166149	274070	2.23%	0.764%
21	10.116	1189	1195	1205	rVB	314342	505345	4.12%	1.408%
22	10.275	1215	1222	1231	rBV	75350	121648	0.99%	0.339%
23	10.499	1253	1260	1268	rBV	690448	1128813	9.20%	3.145%
24	10.628	1274	1282	1290	rBV	306427	501982	4.09%	1.399%
25	13.757	1808	1814	1822	rBV	497117	691067	5.63%	1.926%
26	14.040	1854	1862	1871	rBV	609014	900223	7.33%	2.508%
27	14.269	1897	1901	1905	rBV	10955	13685	0.11%	0.038%
28	14.351	1908	1915	1922	rBV	957361	1420399	11.57%	3.958%
29	14.540	1939	1947	1955	rBV	138824	210576	1.72%	0.587%
30	14.769	1982	1986	1990	rBV3	13749	18153	0.15%	0.051%
31	15.345	2078	2084	2091	rVB	783578	1114347	9.08%	3.105%
32	15.457	2098	2103	2109	rBV	83916	115147	0.94%	0.321%
33	15.775	2151	2157	2164	rVB	88352	113444	0.92%	0.316%
34	16.881	2335	2345	2352	rBV7	15019	30286	0.25%	0.084%
35	17.098	2376	2382	2388	rBV	1201109	1661858	13.54%	4.631%
36	17.198	2393	2399	2408	rVB	849757	1216640	9.91%	3.390%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015059.D
Acq On : 25 Jun 2021 02:48
Operator : CG/JU
Sample : M2682-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD43

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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

37	17.616	2466	2470	2476	rBV3	14259	21567	0.18%	0.060%
38	17.787	2493	2499	2508	rBV9	12743	26957	0.22%	0.075%
39	18.004	2532	2536	2544	rBV3	46818	67551	0.55%	0.188%
40	18.075	2544	2548	2553	rVB2	9611	14749	0.12%	0.041%
41	18.310	2584	2588	2594	rBV2	18157	25362	0.21%	0.071%
42	18.428	2603	2608	2615	rBV	614288	779510	6.35%	2.172%
43	18.945	2693	2696	2705	rVB7	25244	40452	0.33%	0.113%
44	19.163	2730	2733	2738	rVB	27201	36678	0.30%	0.102%
45	19.292	2751	2755	2758	rBV2	23787	31134	0.25%	0.087%
46	19.498	2784	2790	2798	rBV	1087075	1566461	12.76%	4.365%
47	20.063	2883	2886	2891	rVB2	24202	25080	0.20%	0.070%
48	20.292	2922	2925	2930	rVB2	22374	24929	0.20%	0.069%
49	20.433	2947	2949	2953	rVB4	11763	13309	0.11%	0.037%
50	20.516	2958	2963	2974	rBV	9369215	12275738	100.00%	34.206%
51	20.728	2995	2999	3003	rBV6	16242	27224	0.22%	0.076%
52	20.857	3019	3021	3025	rVB4	15468	15377	0.13%	0.043%
53	21.028	3046	3050	3053	rBV	50324	59179	0.48%	0.165%
54	21.175	3072	3075	3079	rBV6	19675	34497	0.28%	0.096%
55	21.222	3079	3083	3088	rVB	151595	167625	1.37%	0.467%
56	21.292	3089	3095	3100	rBV	1438313	1889314	15.39%	5.265%
57	21.463	3121	3124	3131	rVB2	40908	47100	0.38%	0.131%
58	21.898	3195	3198	3205	rVB3	65314	91141	0.74%	0.254%
59	22.157	3238	3242	3246	rVB	101398	119835	0.98%	0.334%
60	22.363	3274	3277	3286	rVB2	74993	115965	0.94%	0.323%
61	22.492	3296	3299	3306	rVB3	58919	78710	0.64%	0.219%
62	22.792	3346	3350	3358	rVV	226601	328740	2.68%	0.916%
63	22.874	3360	3364	3370	rVB2	106011	162901	1.33%	0.454%
64	23.392	3446	3452	3458	rBV2	736114	1356217	11.05%	3.779%
65	23.445	3458	3461	3469	rVB	128637	215429	1.75%	0.600%
66	23.539	3469	3477	3485	rBV2	998388	1938297	15.79%	5.401%
67	23.716	3503	3507	3515	rVB3	69380	122847	1.00%	0.342%
68	24.098	3567	3572	3582	rVB	122652	250149	2.04%	0.697%
69	24.857	3696	3701	3709	rVB	113662	247141	2.01%	0.689%
70	25.733	3846	3850	3860	rVB3	66555	153123	1.25%	0.427%

Sum of corrected areas: 35887686

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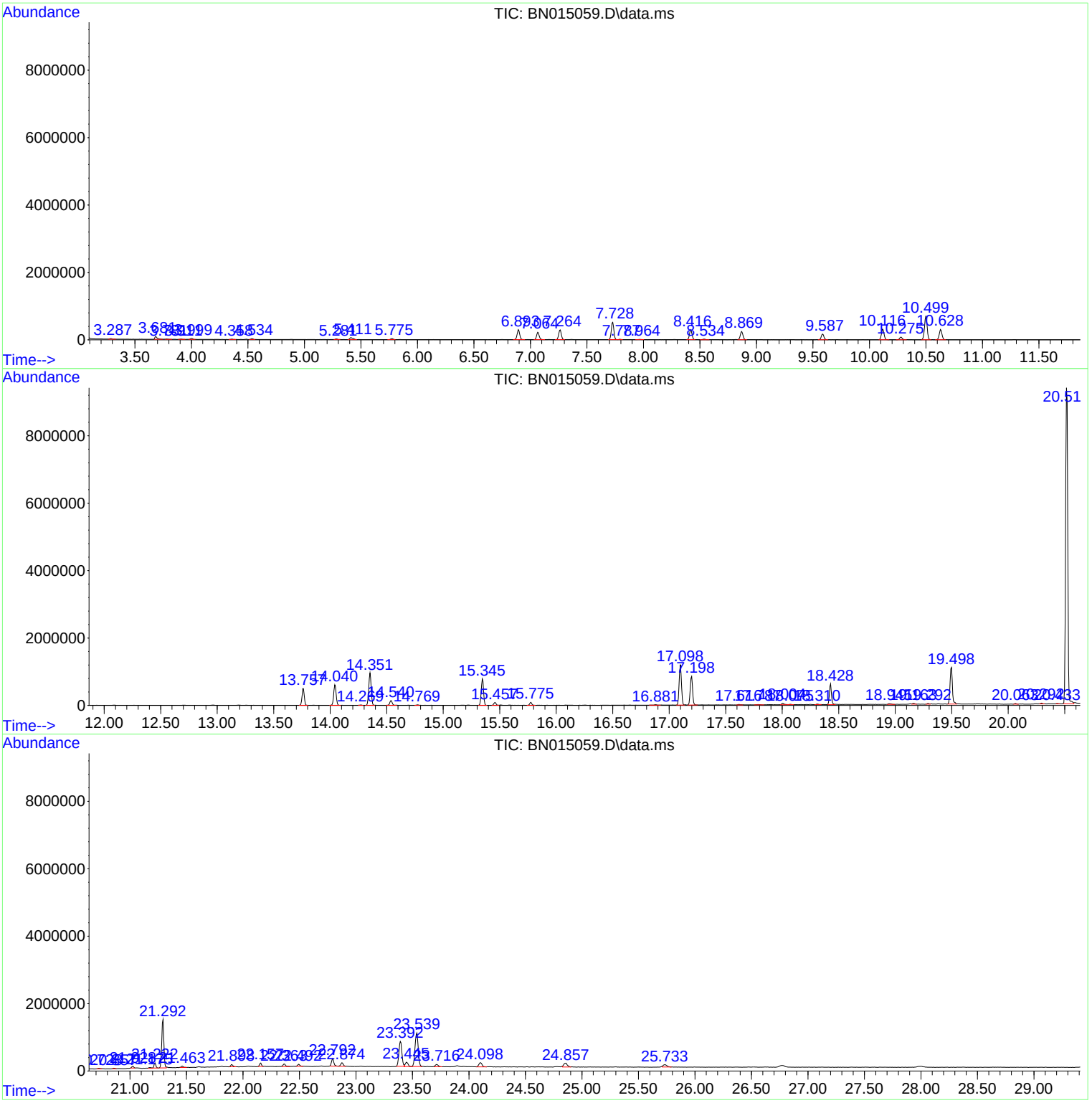
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

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



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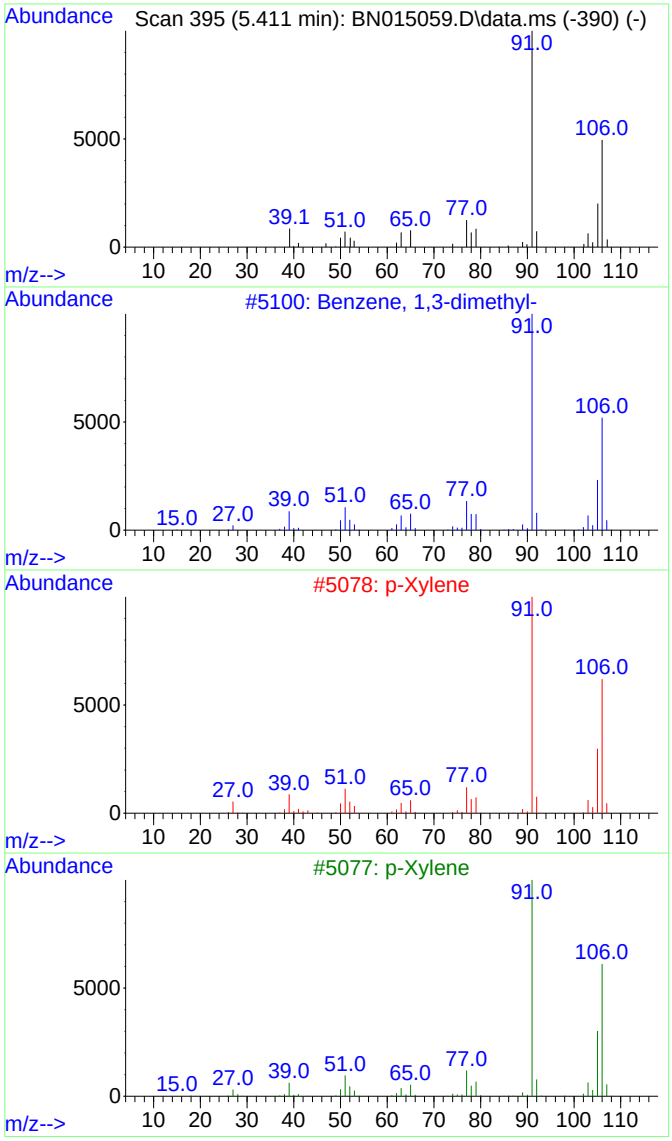
Quant Title : SVOA CALIBRATION

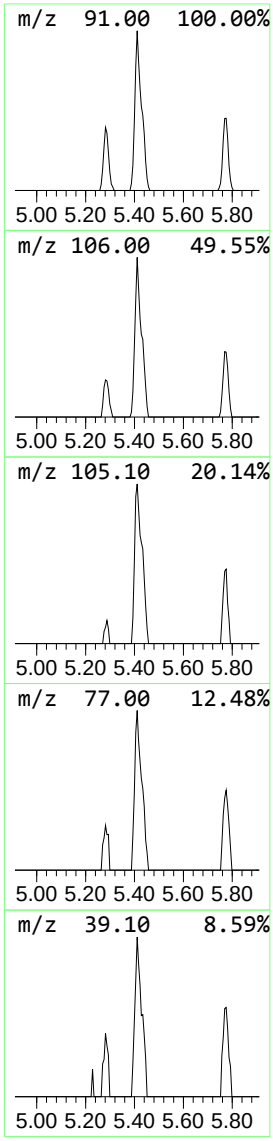
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.411	2.96 ng/ul	119309	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015059.D
Acq On : 25 Jun 2021 02:48
Operator : CG/JU
Sample : M2682-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD43

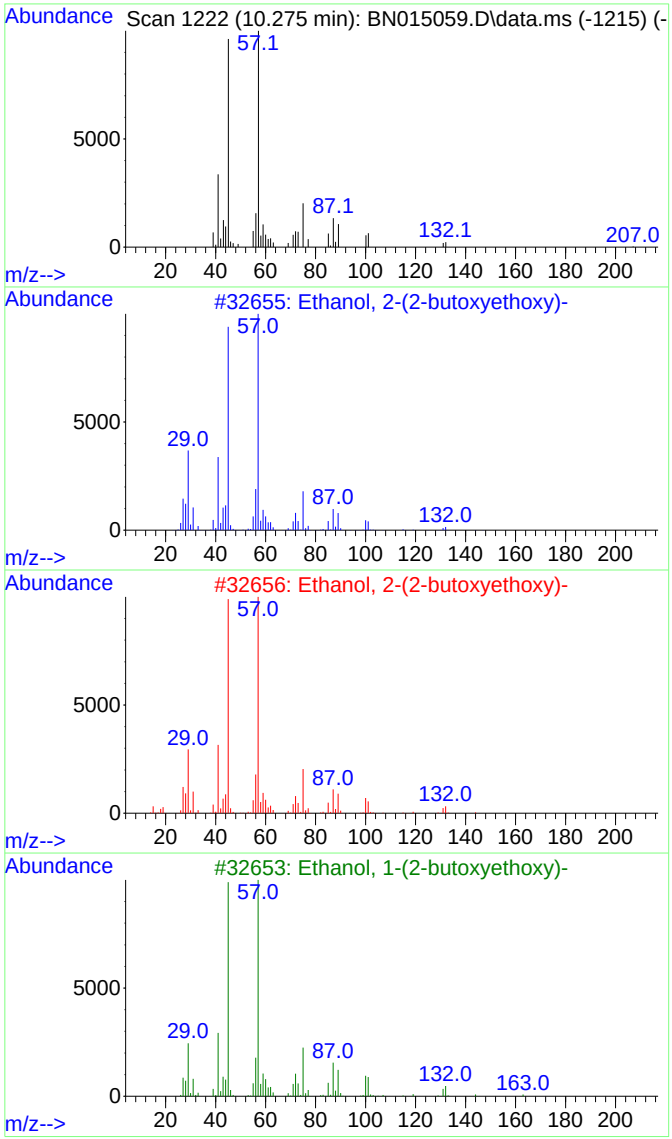
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

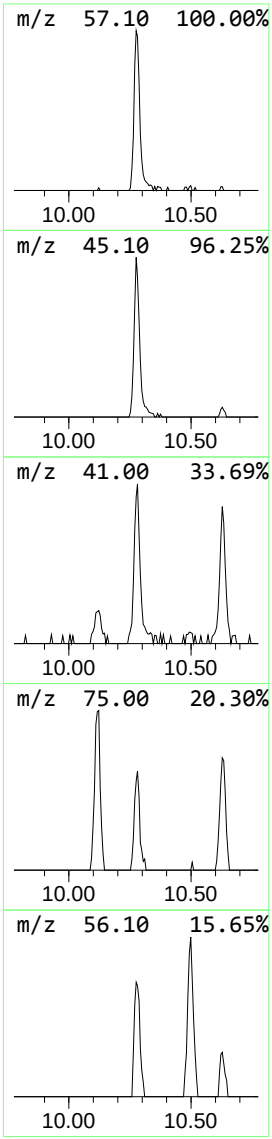
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	2.16 ng/ul	121648	Naphthalene-d8	10.499

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, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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Data File : BN015059.D
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Sample : M2682-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD43

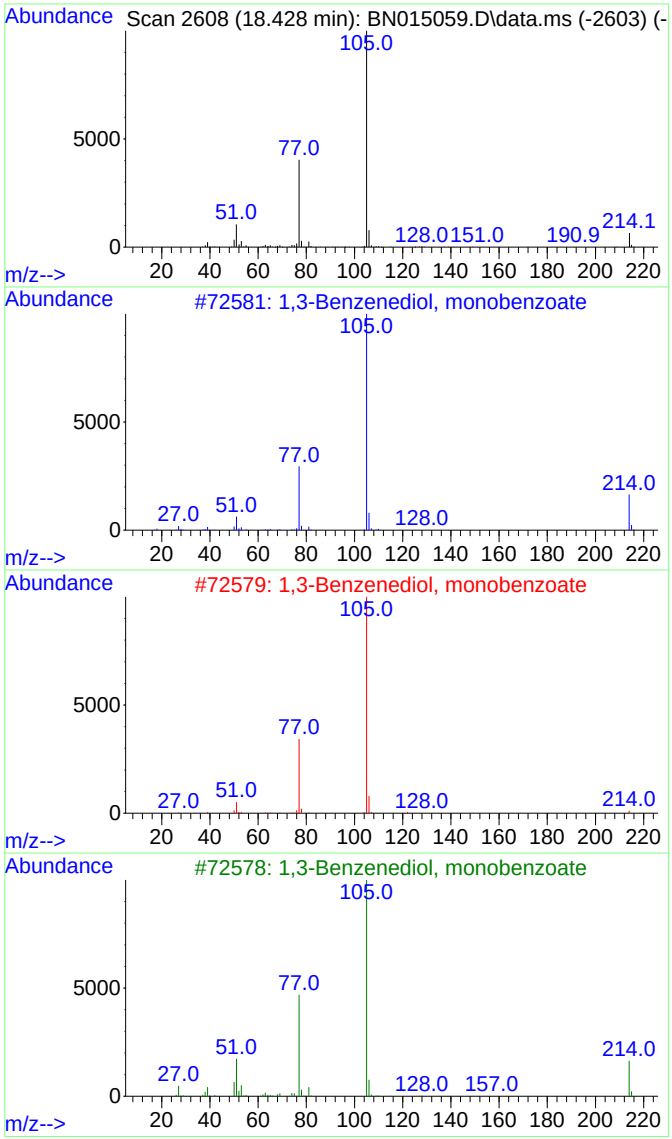
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

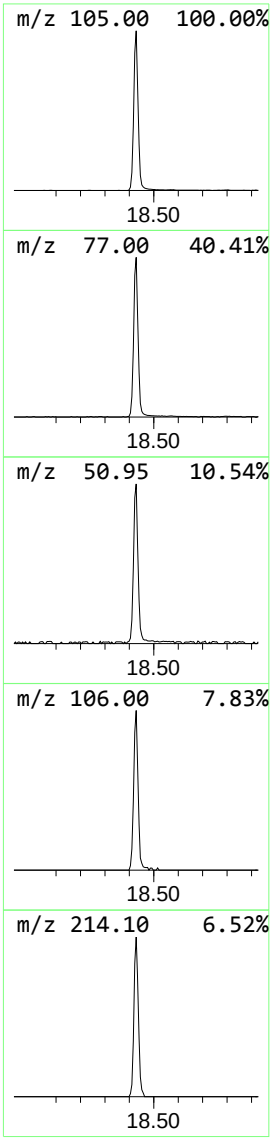
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	9.38 ng/ul	779510	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
4	4,5-Bis(benzoylthio)-1,2-dithiol...	406	C17H10O2S5	082504-65-2	78
5	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	78





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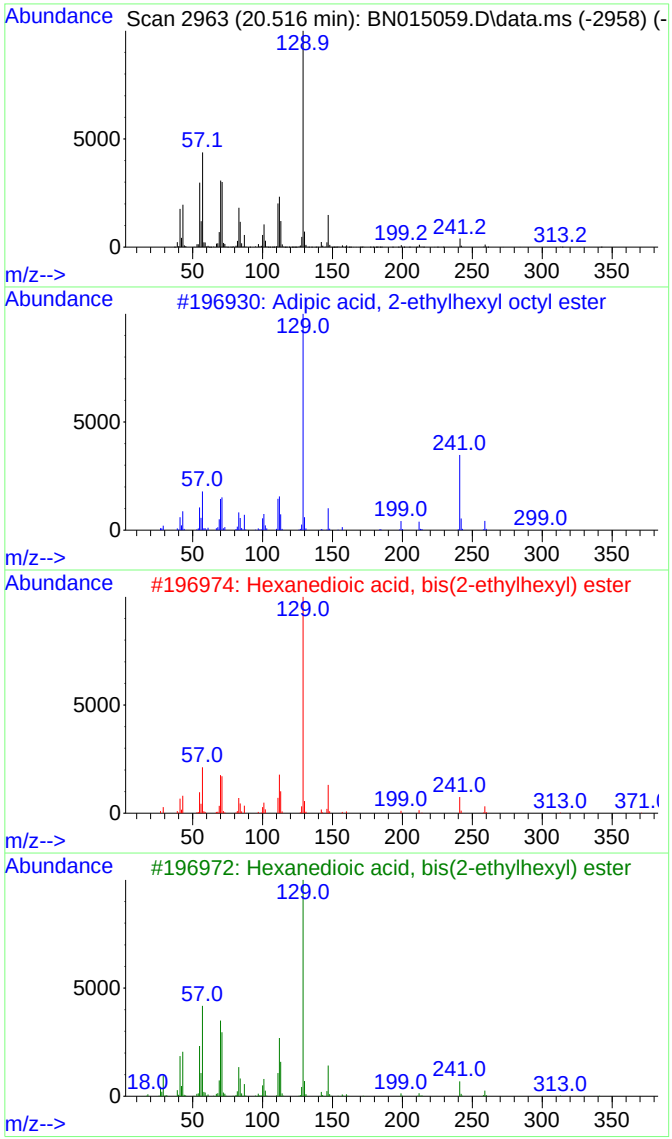
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

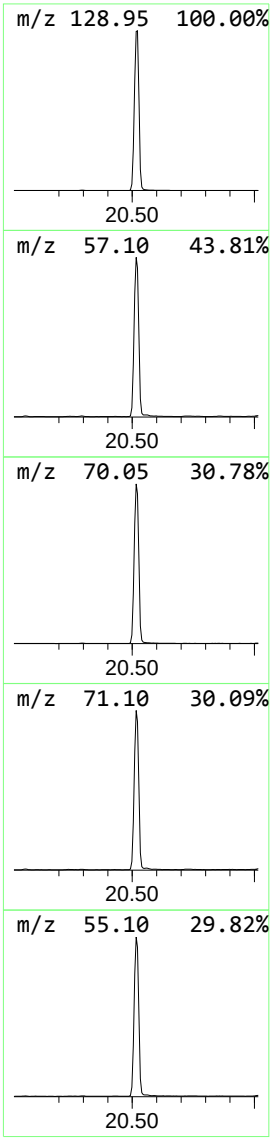
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.516	129.95 ng/ul	12275700	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	76





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Instrument : BNA_N
ClientSampleId : BGD43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

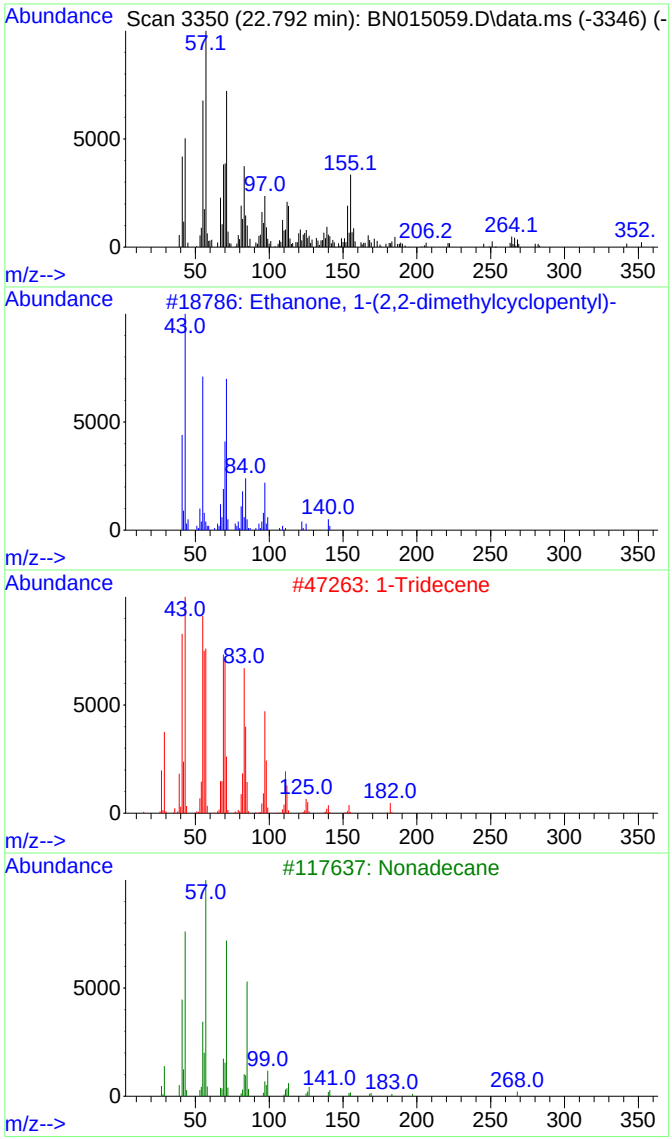
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

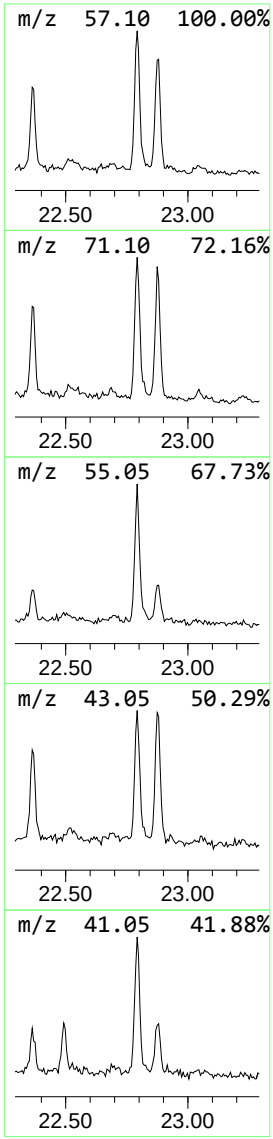
****

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.792	3.39 ng/ul	328740	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	46
2	1-Tridecene	182	C13H26	002437-56-1	38
3	Nonadecane	268	C19H40	000629-92-5	30
4	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	30
5	1-Nonadecene	266	C19H38	018435-45-5	30





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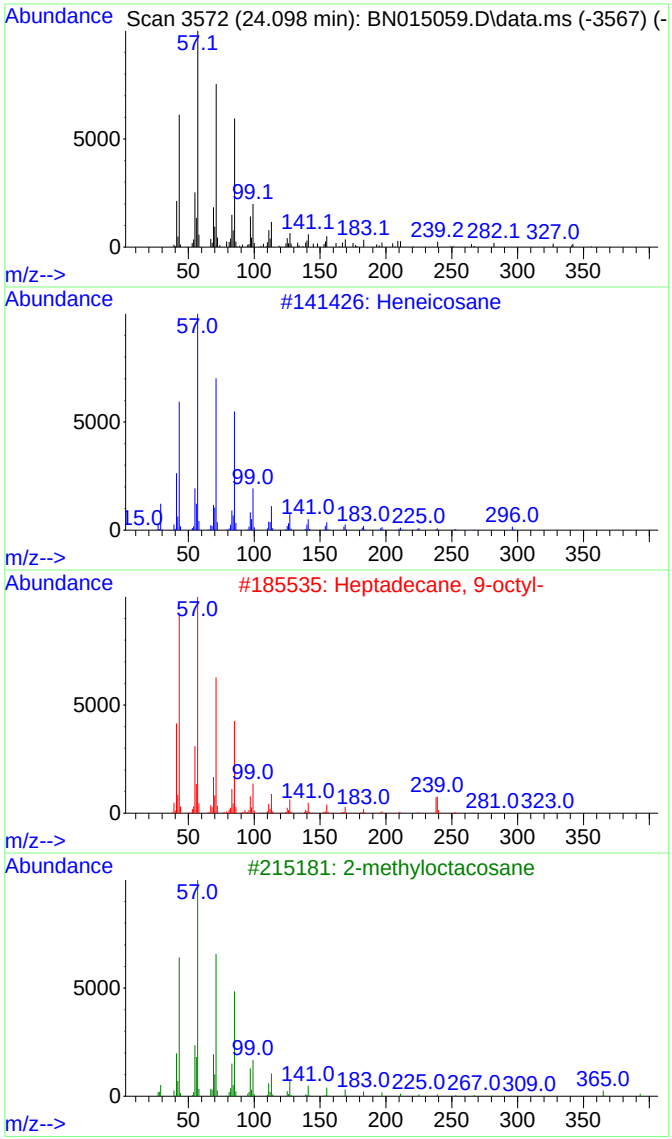
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

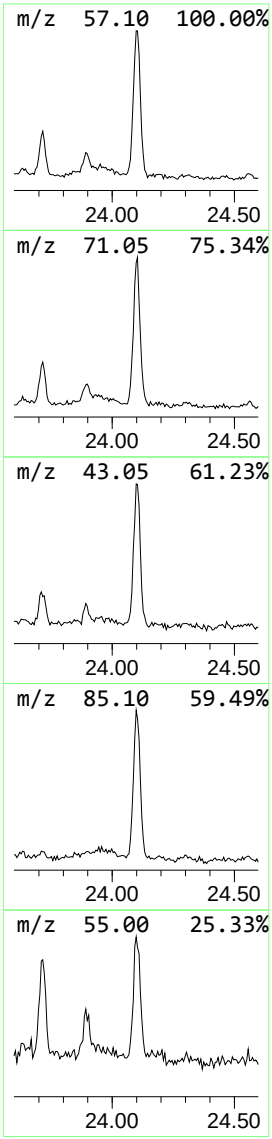
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.098	2.58 ng/ul	250149	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015059.D
Acq On : 25 Jun 2021 02:48
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Sample : M2682-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD43

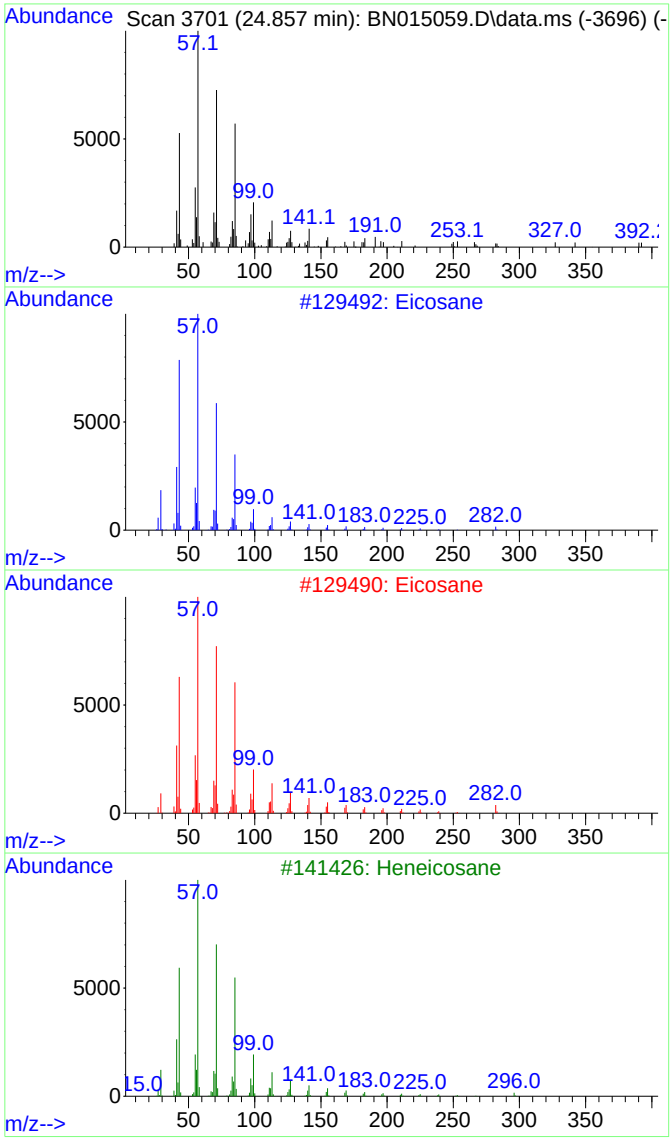
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

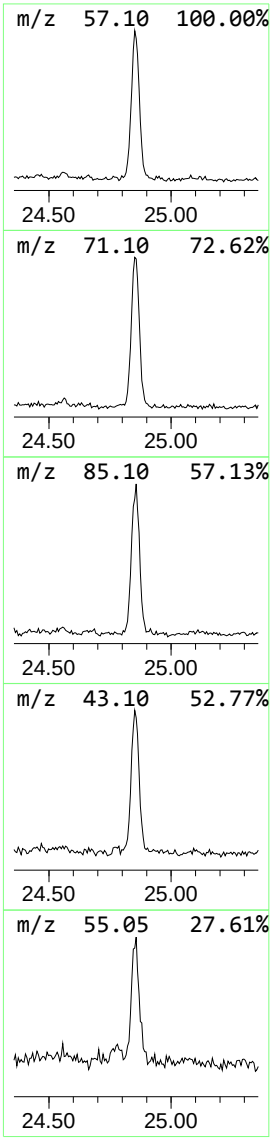
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.857	2.55 ng/ul	247141	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015059.D
Acq On : 25 Jun 2021 02:48
Operator : CG/JU
Sample : M2682-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.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
Benzene, 1,3-di...	5.411	3.0	ng/ul	119309	1	7.728	804878	20.0
Ethanol, 2-(2-b...	10.275	2.2	ng/ul	121648	2	10.499	1128810	20.0
1,3-Benzenediol...	18.428	9.4	ng/ul	779510	4	17.098	1661860	20.0
Adipic acid, 2-...	20.516	129.9	ng/ul	12275700	5	21.292	1889310	20.0
unknown-01	22.792	3.4	ng/ul	328740	6	23.539	1938300	20.0
(DEL) Alkane: S...	24.098	2.6	ng/ul	250149	6	23.539	1938300	20.0
(DEL) Alkane: S...	24.857	2.5	ng/ul	247141	6	23.539	1938300	20.0