LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030768.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	28	31	41	rVB	7896	13082	0.79%	0.101%
2	3.710	103	106	115	rBV	21237	53656	3.25%	0.416%
3	3.993	150	154	160	rBV	10029	13514	0.82%	0.105%
4	4.363	214	217	219	rBV4	2596	2795	0.17%	0.022%
5	4.540	244	247	251	rVB5	3675	5007	0.30%	0.039%
6	4.934	312	314	318	rVB3	2363	2246	0.14%	0.017%
7	5.293	372	375	380	rVB7	2071	3717	0.23%	0.029%
8	5.428	394	398	401	rBV4	5612	8617	0.52%	0.067%
9	5.799	456	461	466	rVB4	3778	5897	0.36%	0.046%
10	5.963	486	489	493	rBV4	1338	1776	0.11%	0.014%
11	6.940	649	655	663	rBV	114874	190509	11.54%	1.475%
12	7.110	678	684	694	rBV	89805	147956	8.96%	1.146%
13	7.304	709	717	725	rBV	122825	201850	12.22%	1.563%
14	7.387	727	731	738	rVB6	3445	6396	0.39%	0.050%
15	7.769	789	796	805	rBV	276672	445652	26.99%	3.451%
16	7.845	805	809	814	rVB4	4175	6975	0.42%	0.054%
17	7.993	831	834	842	rBV5	1998	4366	0.26%	0.034%
18	8.304	884	887	892	rBV5	1907	2864	0.17%	0.022%
19	8.475	908	916	929	rVB2	120425	209749	12.70%	1.624%
20	8.604	933	938	945	rBV7	2048	4236	0.26%	0.033%
21	8.928	987	993	1004	rBV	97745	170310	10.31%	1.319%
22	9.645	1109	1115	1126	rVB	69270	123135	7.46%	0.954%
23	10.186	1201	1207	1220	rBV	91610	195188	11.82%	1.512%
24	10.398	1238	1243	1251	rBV6	5810	15610	0.95%	0.121%
25	10.557	1263	1270	1279	rBV	335432	570824	34.57%	4.421%
26	10.704	1288	1295	1313	rBV	87776	194922	11.81%	1.510%
27	11.816	1479	1484	1492	rVB6	1758	3772	0.23%	0.029%
28	12.157	1536	1542	1549	rVB9	1926	4447	0.27%	0.034%
29	13.698	1800	1804	1809	rVB4	1711	2184	0.13%	0.017%
30	13.816	1818	1824	1835	rBV	180137	279753	16.94%	2.167%
31	14.092	1863	1871	1884	rBV	212084	330545	20.02%	2.560%
32	14.304	1903	1907	1911	rVB6	1444	2332	0.14%	0.018%
33	14.398	1917	1923	1931	rBV	437089	662305	40.11%	5.129%
34	14.469	1931	1935	1938	rVB	9443	13476	0.82%	0.104%
35	14.621	1955	1961	1977	rBV2	23856	73738	4.47%	0.571%
36	15.257	2066	2069	2072	rBV3	1805	1761	0.11%	0.014%

LSC Area Percent Report

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Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

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-BM062221.M
Title : SVOA CALIBRATION

37	15.310	2072	2078	2083	rBV4	4006	7299	0.44%	0.057%
38	15.392	2083	2092	2103	rVV	294237	442243	26.78%	3.425%
39	15.521	2110	2114	2127	rBV2	30291	55731	3.38%	0.432%
40	15.627	2130	2132	2137	rBV3	2389	2777	0.17%	0.022%
41	15.816	2159	2164	2168	rBV3	5931	8215	0.50%	0.064%
42	16.110	2211	2214	2217	rBV4	1325	1735	0.11%	0.013%
43	16.174	2222	2225	2230	rVB4	2588	3344	0.20%	0.026%
44	16.227	2230	2234	2237	rBV3	1472	2126	0.13%	0.016%
45	16.374	2255	2259	2265	rBV5	2032	3600	0.22%	0.028%
46	16.451	2270	2272	2275	rBV3	1567	1658	0.10%	0.013%
47	16.657	2305	2307	2310	rBV3	1668	2009	0.12%	0.016%
48	16.704	2311	2315	2322	rVB	8295	14121	0.86%	0.109%
49	17.039	2370	2372	2376	rBV4	1612	1655	0.10%	0.013%
50	17.139	2383	2389	2399	rBV	500409	734918	44.51%	5.692%
51	17.239	2399	2406	2417	rVB	297404	463174	28.05%	3.587%
52	17.451	2436	2442	2443	rBV4	1713	2847	0.17%	0.022%
53	17.527	2453	2455	2458	rBV3	1793	2163	0.13%	0.017%
54	17.815	2499	2504	2509	rBV9	3219	6001	0.36%	0.046%
55	17.862	2509	2512	2516	rVV5	1290	1831	0.11%	0.014%
56	17.945	2524	2526	2528	rBV3	2018	2339	0.14%	0.018%
57	18.033	2534	2541	2546	rBV5	11120	20228	1.23%	0.157%
58	18.327	2588	2591	2594	rBV4	1916	2978	0.18%	0.023%
59	18.368	2596	2598	2601	rVB3	1876	2036	0.12%	0.016%
60	18.468	2610	2615	2631	rBV	64805	114480	6.93%	0.887%
61	19.168	2731	2734	2735	rBV3	3028	3262	0.20%	0.025%
62	19.315	2755	2759	2762	rBV6	5309	8152	0.49%	0.063%
63	19.527	2789	2795	2803	rBV	416435	563007	34.10%	4.360%
64	20.521	2959	2964	2969	rBV	1562700	1651174	100.00%	12.788%
65	20.633	2980	2983	2989	rVB2	46169	54237	3.28%	0.420%
66	20.803	3009	3012	3016	rBV5	20751	27414	1.66%	0.212%
67	20.915	3027	3031	3035	rBV	262182	309782	18.76%	2.399%
68	20.962	3036	3039	3045	rVB6	24448	30952	1.87%	0.240%
69	21.015	3045	3048	3051	rBV3	29218	39032	2.36%	0.302%
70	21.056	3051	3055	3060	rVB2	126270	151144	9.15%	1.171%
71	21.268	3088	3091	3093	rBV2	46045	49831	3.02%	0.386%
72	21.309	3093	3098	3107	rVB	699099	888943	53.84%	6.885%
73	23.409	3450	3455	3465	rVB	317564	646224	39.14%	5.005%
74	23.556	3474	3480	3489	rVB2	541571	1049997	63.59%	8.132%
75	27.556	4151	4160	4172	rVB3	483285	1564387	94.74%	12.116%

LSC Area Percent Report

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Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

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-BM062221.M
Title : SVOA CALIBRATION

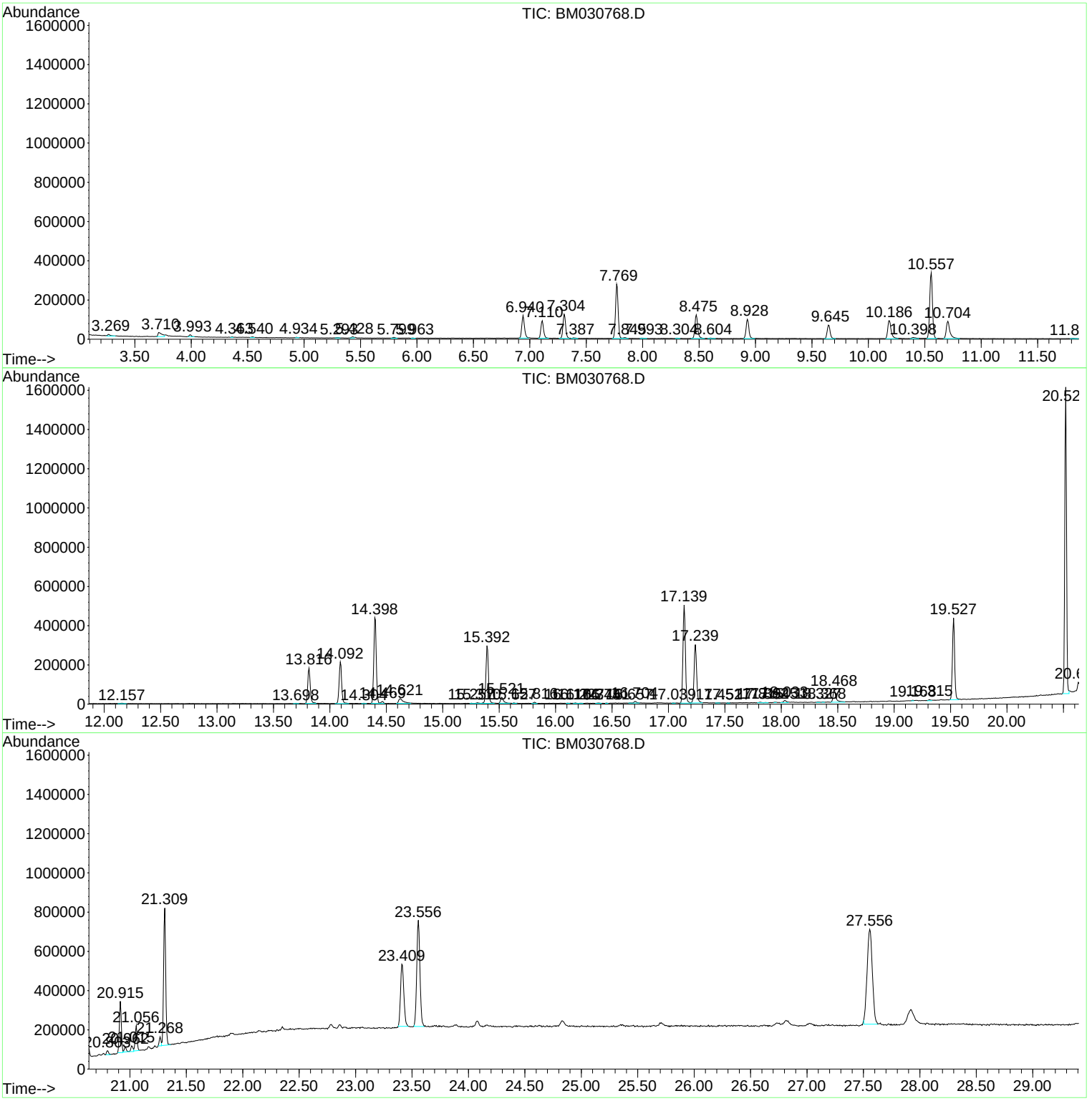
Sum of corrected areas: 12912208

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
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Instrument : BNA_M
ClientSampleId : BGDR9

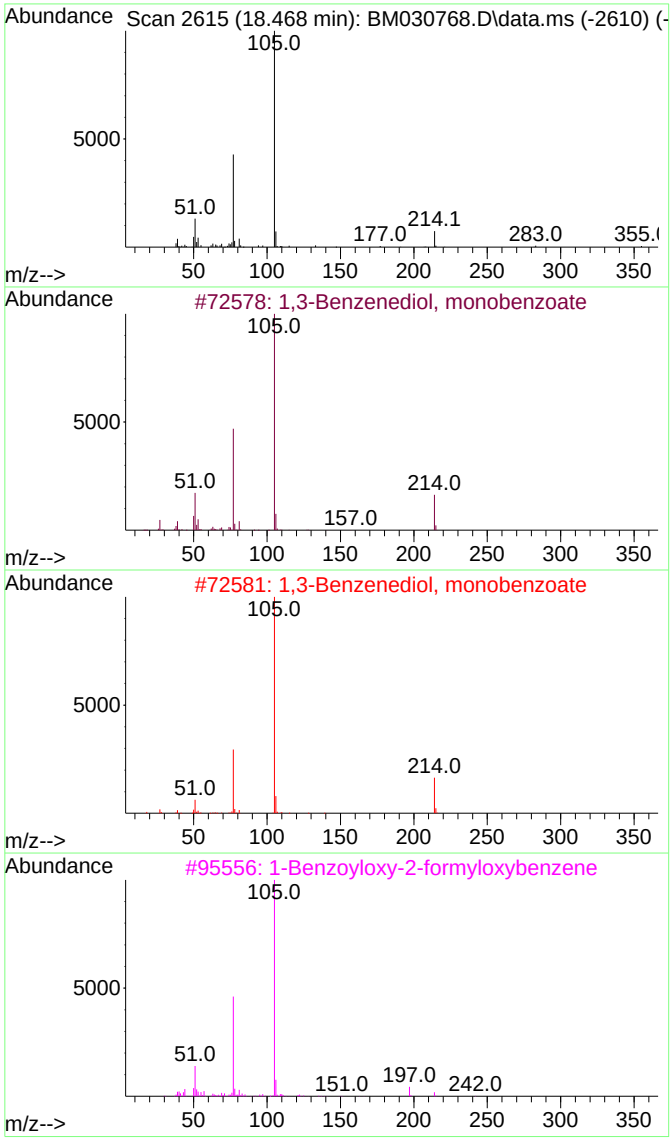
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

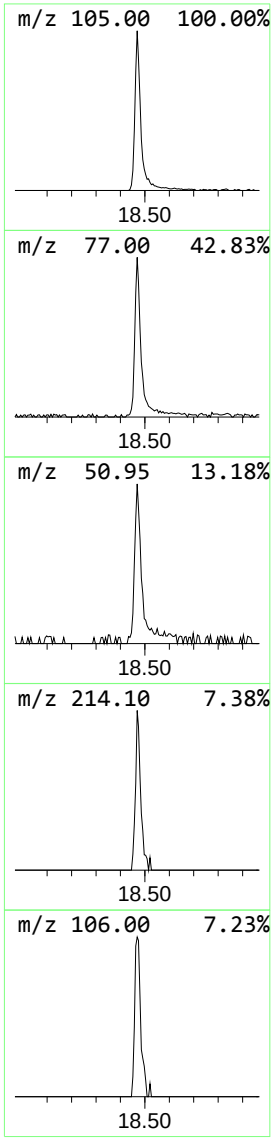
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Benzenediol, monobenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	3.12 ng/ul	114480	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
3	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	78
4	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	78
5	2-Cyclohexenone, 4R-benzamido-5c...	275	C15H17NO4	1000153-73-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

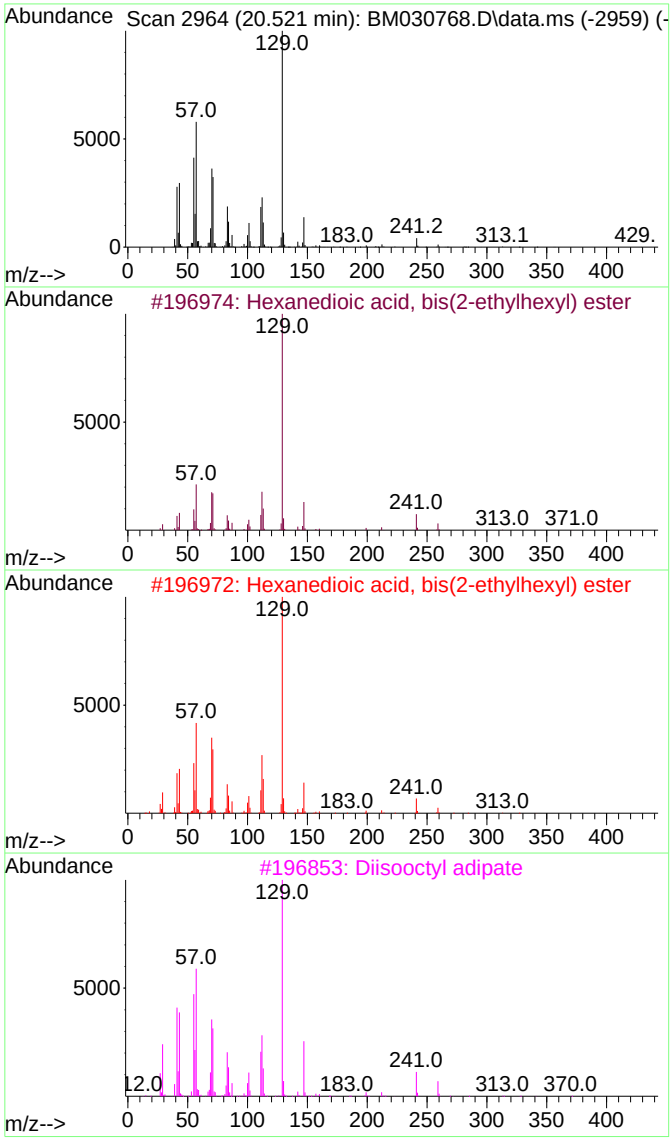
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

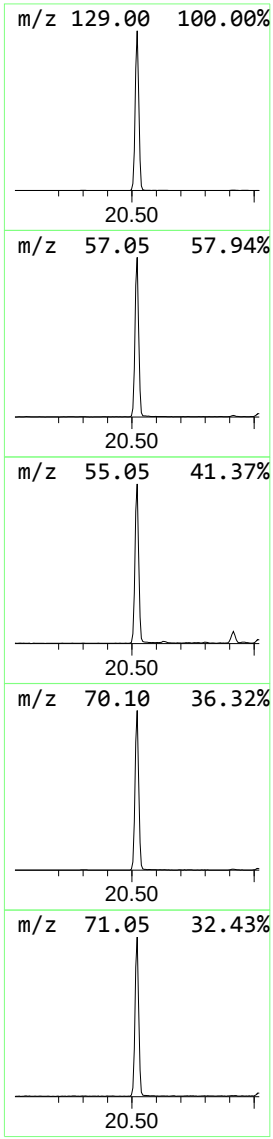
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	37.15 ng/ul	1651170	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

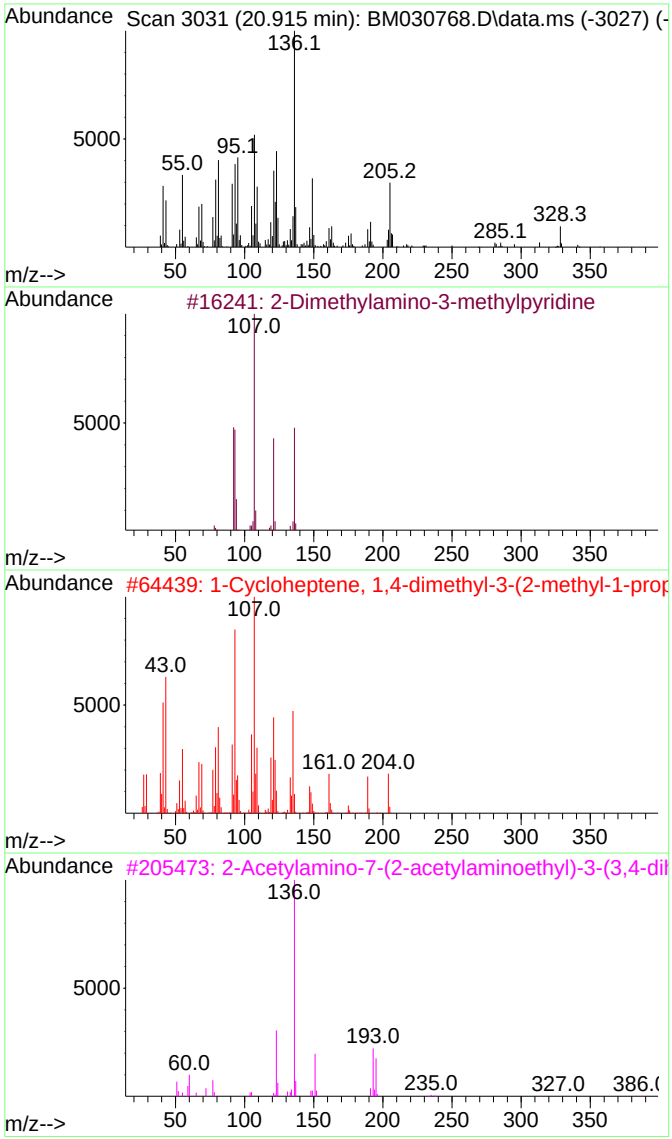
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

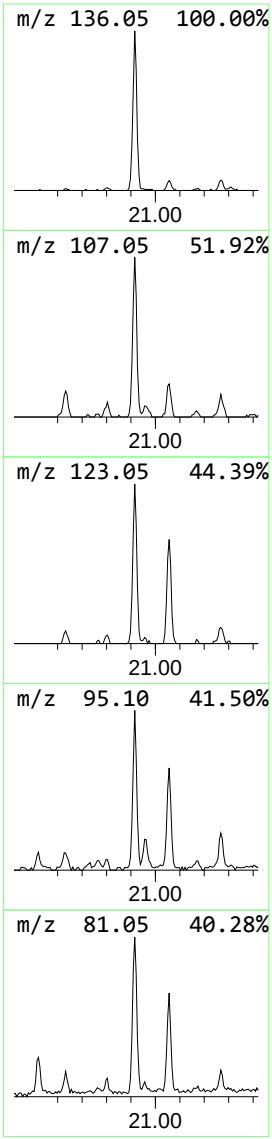
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.920	6.97 ng/ul	309782	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dimethylamino-3-methylpyridine	136	C8H12N2	061713-46-0	45
2	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	25
3	2-Acetylamino-7-(2-acetylaminoet...	386	C20H22N2O6	076734-99-1	22
4	Benzenemethanol, 4-ethyl-	136	C9H12O	000768-59-2	22
5	1-(6-Methyl-2-pyrazinyl)-1-ethanone	136	C7H8N2O	022047-26-3	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

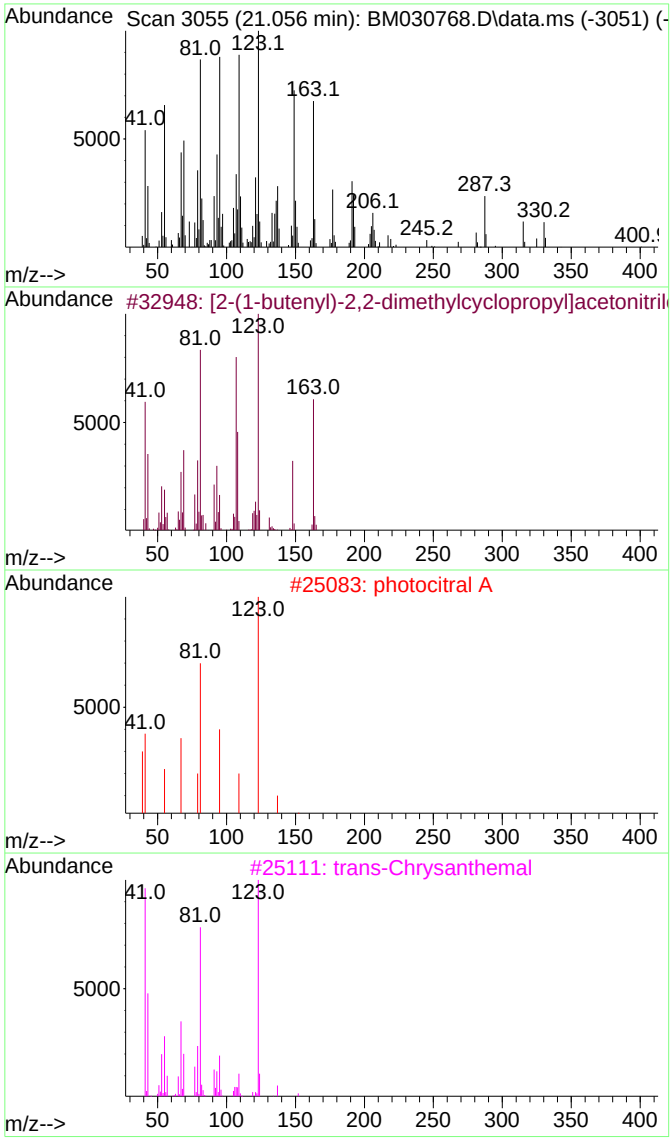
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

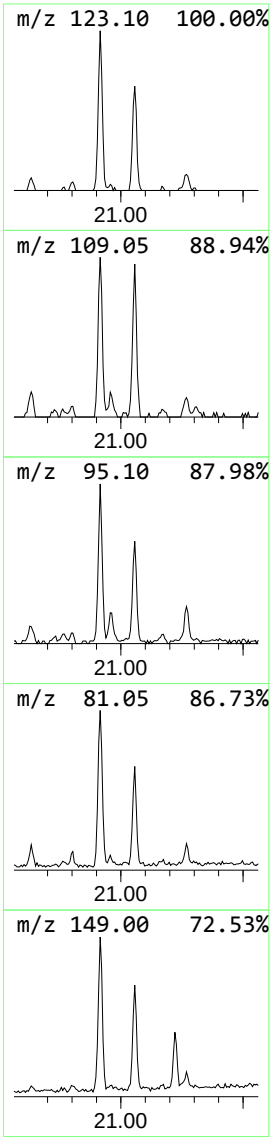
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.060	3.40 ng/ul	151144	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	41
2	photocitral A	152	C10H16O	055253-28-6	35
3	trans-Chrysanthemal	152	C10H16O	020104-05-6	30
4	(4-Fluorophenyl)(8-methyl-2-thio...	287	C14H10FN3OS	1000302-92-8	25
5	4-[(Bicyclo[4.1.0]heptane-7-carb...	287	C17H21NO3	1000297-42-7	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

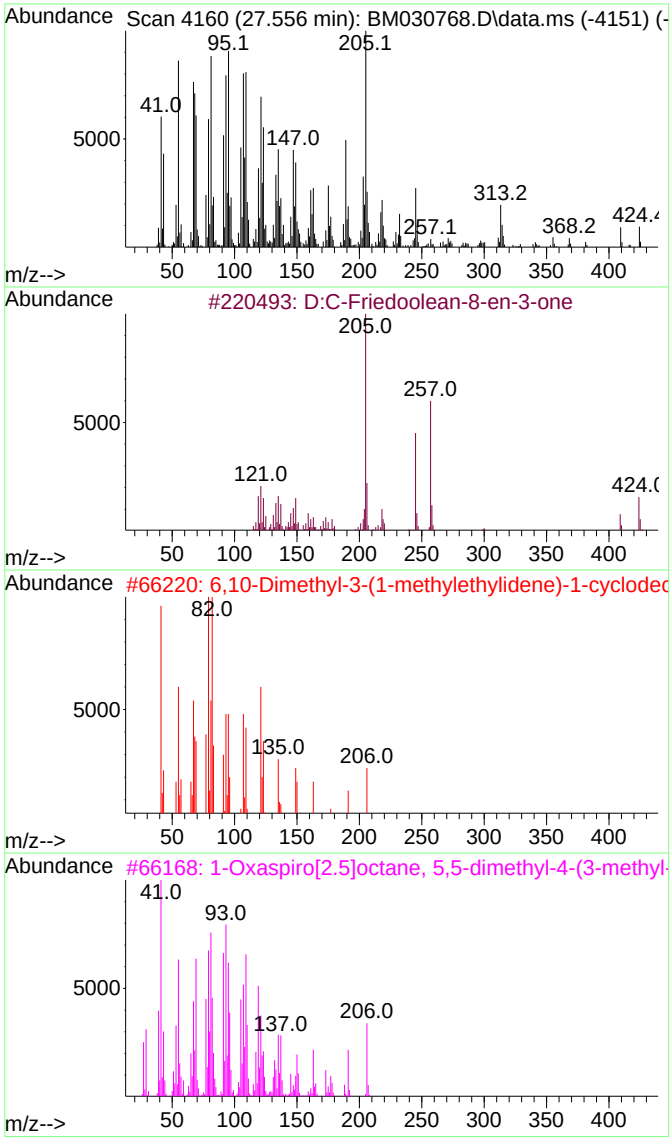
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

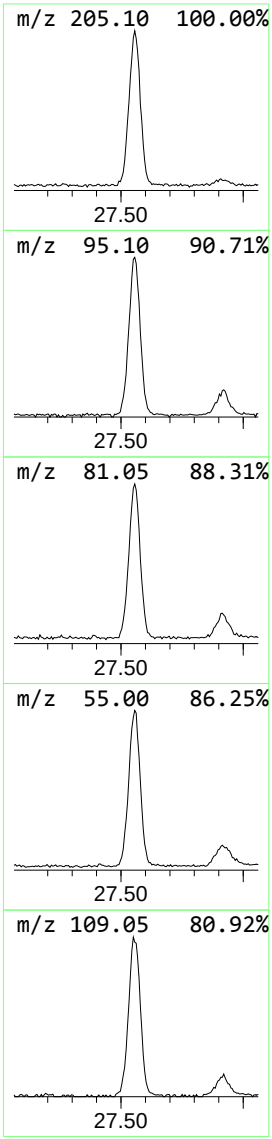
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 D:C-Friedoolean-8-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.560	29.80 ng/ul	1564390	Perylene-d12	23.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	62
2	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	56
3	1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O	1000195-92-1	49
4	Longifolene	204	C15H24	000475-20-7	46
5	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030768.D
Acq On : 02 Jul 2021 06:52
Operator : CG/JU
Sample : M2825-20
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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-Benzenediol...	18.470	3.1	ng/ul	114480	4	17.139	734918	20.0
Hexanedioic aci...	20.520	37.1	ng/ul	1651170	5	21.309	888943	20.0
unknown-01	20.920	7.0	ng/ul	309782	5	21.309	888943	20.0
unknown-02	21.060	3.4	ng/ul	151144	5	21.309	888943	20.0
D:C-Friedoolean...	27.560	29.8	ng/ul	1564390	6	23.556	1050000	20.0