LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

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-BN060622.M
Title : SVOA CALIBRATION

Signal : TIC: BN020188.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.170	10	14	22	rVB4	22889	45605	0.55%	0.054%
2	3.258	25	29	33	rBV	29609	42436	0.51%	0.051%
3	3.605	74	88	90	rBV3	220014	566939	6.81%	0.675%
4	3.675	97	100	108	rBV	238267	394473	4.74%	0.470%
5	3.834	121	127	135	rBV	963048	1549247	18.62%	1.845%
6	3.911	135	140	152	rVV	169352	304916	3.66%	0.363%
7	3.999	152	155	164	rVB2	18922	33058	0.40%	0.039%
8	4.864	264	302	305	rBV2	569225	3576196	42.97%	4.260%
9	4.993	305	324	327	rVV	359313	1201586	14.44%	1.431%
10	5.334	372	382	390	rBV4	82931	181388	2.18%	0.216%
11	6.222	528	533	540	rVB	25050	48486	0.58%	0.058%
12	6.305	540	547	551	rBV	43258	87446	1.05%	0.104%
13	6.364	551	557	564	rVB	87420	155931	1.87%	0.186%
14	6.669	600	609	619	rVB3	27851	84530	1.02%	0.101%
15	6.840	630	638	649	rBV	58701	106124	1.28%	0.126%
16	7.016	656	668	678	rBV2	1695679	3150435	37.85%	3.753%
17	7.128	678	687	697	rVV	531324	893845	10.74%	1.065%
18	7.263	706	710	716	rVV3	23413	48911	0.59%	0.058%
19	7.340	716	723	730	rVV	630807	1108180	13.32%	1.320%
20	7.405	730	734	745	rVV	26684	55756	0.67%	0.066%
21	7.587	758	765	772	rBV5	15256	39275	0.47%	0.047%
22	7.728	783	789	792	rBV2	41640	80401	0.97%	0.096%
23	7.793	792	800	807	rVV	584634	997875	11.99%	1.189%
24	7.869	807	813	824	rVV	316049	602219	7.24%	0.717%
25	7.958	824	828	835	rVV3	23002	43006	0.52%	0.051%
26	8.046	835	843	856	rVB2	157389	330645	3.97%	0.394%
27	8.328	885	891	898	rBV7	23012	45993	0.55%	0.055%
28	8.410	898	905	914	rBV	31035	69920	0.84%	0.083%
29	8.522	914	924	929	rVV	625417	1130802	13.59%	1.347%
30	8.587	929	935	947	rVB	255961	570008	6.85%	0.679%
31	8.734	947	960	962	rBV6	33772	88655	1.07%	0.106%
32	8.781	962	968	975	rVB	127476	222347	2.67%	0.265%
33	8.946	990	996	1004	rVV	728211	1212694	14.57%	1.445%
34	9.034	1005	1011	1018	rVB3	69683	147824	1.78%	0.176%
35	9.169	1018	1034	1039	rBV	473926	1411914	16.96%	1.682%
36	9.257	1044	1049	1052	rBV	94088	132209	1.59%	0.157%

LSC Area Percent Report

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Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

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-BN060622.M
Title : SVOA CALIBRATION

37	9.375	1063	1069	1074	rVB	61325	90536	1.09%	0.108%
38	9.434	1074	1079	1082	rBV2	66757	120130	1.44%	0.143%
39	9.534	1088	1096	1101	rBV7	29090	73850	0.89%	0.088%
40	9.669	1112	1119	1131	rVB	647647	1125169	13.52%	1.340%
41	9.781	1132	1138	1140	rBV	93245	158264	1.90%	0.189%
42	9.810	1140	1143	1150	rVV	116671	186899	2.25%	0.223%
43	9.957	1150	1168	1171	rVV	416409	1551135	18.64%	1.848%
44	9.993	1171	1174	1179	rVV2	290312	471560	5.67%	0.562%
45	10.052	1179	1184	1187	rVV	132440	275583	3.31%	0.328%
46	10.087	1187	1190	1195	rVV2	132650	209374	2.52%	0.249%
47	10.152	1195	1201	1207	rVV6	63356	185487	2.23%	0.221%
48	10.222	1207	1213	1224	rVB	1003909	1858955	22.34%	2.214%
49	10.369	1232	1238	1248	rVB3	86079	164366	1.97%	0.196%
50	10.463	1248	1254	1259	rBV4	70627	147193	1.77%	0.175%
51	10.522	1259	1264	1269	rVV	677306	1108697	13.32%	1.321%
52	10.581	1269	1274	1281	rVV	925366	1649409	19.82%	1.965%
53	10.646	1281	1285	1290	rVB2	89452	144421	1.74%	0.172%
54	10.722	1290	1298	1313	rBV	458524	1086287	13.05%	1.294%
55	10.893	1324	1327	1331	rVB3	30573	43929	0.53%	0.052%
56	10.952	1331	1337	1346	rVB	278535	489445	5.88%	0.583%
57	11.046	1346	1353	1359	rVB7	48244	123325	1.48%	0.147%
58	11.116	1359	1365	1366	rBV4	31241	47361	0.57%	0.056%
59	11.281	1367	1393	1401	rBV	1804596	8322521	100.00%	9.914%
60	11.393	1408	1412	1416	rVV5	23689	34271	0.41%	0.041%
61	11.457	1416	1423	1430	rVV3	192236	452523	5.44%	0.539%
62	11.510	1430	1432	1437	rVV2	65763	77725	0.93%	0.093%
63	11.575	1437	1443	1446	rVV3	99289	163169	1.96%	0.194%
64	11.616	1446	1450	1458	rVB2	85480	159357	1.91%	0.190%
65	11.946	1500	1506	1516	rVB	518361	838168	10.07%	0.998%
66	12.087	1524	1530	1539	rBV2	104210	274279	3.30%	0.327%
67	12.175	1541	1545	1546	rBV3	23426	32222	0.39%	0.038%
68	12.428	1583	1588	1594	rBV	109676	180708	2.17%	0.215%
69	12.528	1601	1605	1609	rBV2	24140	38152	0.46%	0.045%
70	12.593	1609	1616	1624	rVB9	46064	158776	1.91%	0.189%
71	12.740	1634	1641	1649	rBV7	121809	280860	3.37%	0.335%
72	13.204	1714	1720	1727	rBV2	58923	141954	1.71%	0.169%
73	13.281	1728	1733	1740	rVB	155605	279170	3.35%	0.333%
74	13.587	1782	1785	1791	rBV3	33477	51604	0.62%	0.061%
75	13.669	1796	1799	1805	rVB4	47285	73348	0.88%	0.087%
76	13.840	1822	1828	1835	rVB	1844275	2775937	33.35%	3.307%

LSC Area Percent Report

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Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

77	13.963	1844	1849	1862	rBV	579196	1180568	14.19%	1.406%
78	14.116	1862	1875	1885	rVB	1949512	3377764	40.59%	4.024%
79	14.263	1895	1900	1913	rVB2	426043	1001562	12.03%	1.193%
80	14.428	1922	1928	1934	rBV	1395005	2131771	25.61%	2.539%
81	14.681	1965	1971	1980	rBV3	336504	739801	8.89%	0.881%
82	14.963	2016	2019	2025	rBV	120119	170809	2.05%	0.203%
83	15.416	2090	2096	2104	rBV	2571573	4057611	48.75%	4.833%
84	15.539	2111	2117	2123	rBV	1132609	1692135	20.33%	2.016%
85	15.834	2164	2167	2171	rBV	95466	121404	1.46%	0.145%
86	16.392	2259	2262	2266	rVB2	194026	234453	2.82%	0.279%
87	16.775	2324	2327	2332	rBV	120542	184181	2.21%	0.219%
88	17.169	2388	2394	2401	rVB	1580628	2453098	29.48%	2.922%
89	17.263	2405	2410	2418	rVB	2602365	4025656	48.37%	4.795%
90	17.669	2477	2479	2491	rVB2	125283	217008	2.61%	0.259%
91	18.081	2545	2549	2558	rVB	855282	1198507	14.40%	1.428%
92	18.863	2679	2682	2690	rVB	254255	364035	4.37%	0.434%
93	19.363	2763	2767	2773	rBV	417275	564679	6.78%	0.673%
94	19.563	2795	2801	2807	rBV2	2987502	4341663	52.17%	5.172%
95	21.016	3045	3048	3051	rBV	247591	312679	3.76%	0.372%
96	21.051	3051	3054	3056	rVV	541345	684531	8.23%	0.815%
97	21.080	3056	3059	3067	rVB	508560	733380	8.81%	0.874%
98	21.357	3101	3106	3112	rBV	1833242	2363629	28.40%	2.816%
99	23.521	3468	3474	3481	rBV2	1699401	3383076	40.65%	4.030%
100	23.674	3493	3500	3507	rVB2	962330	2006907	24.11%	2.391%

Sum of corrected areas: 83948301

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Data File : BN020188.D
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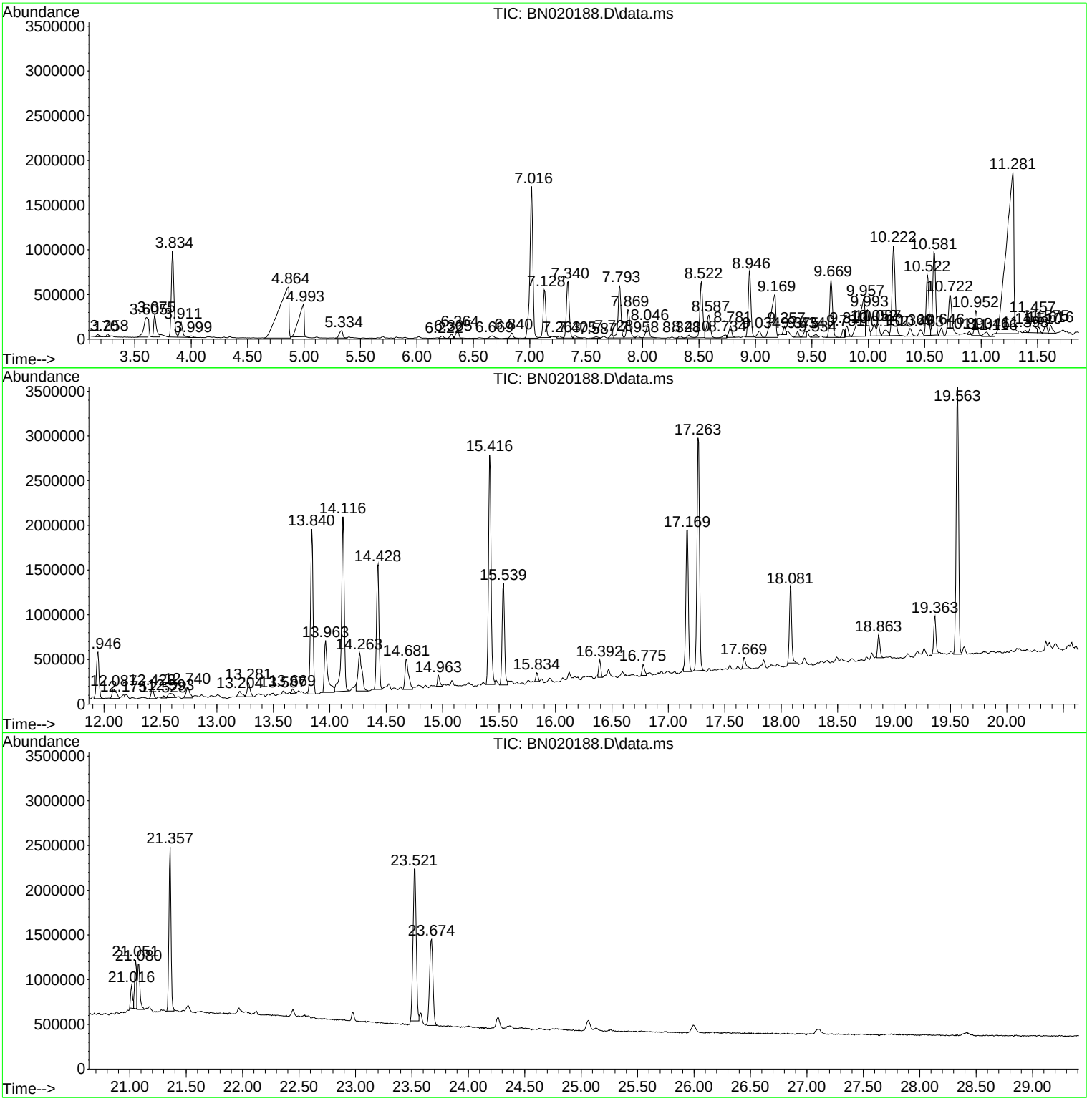
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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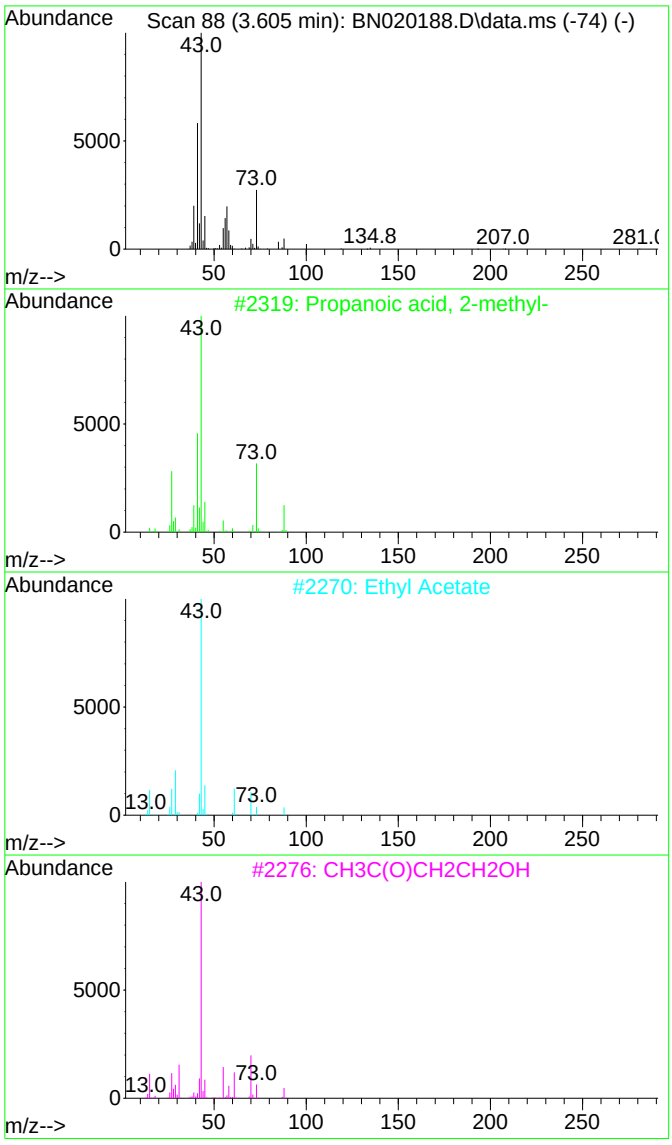
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

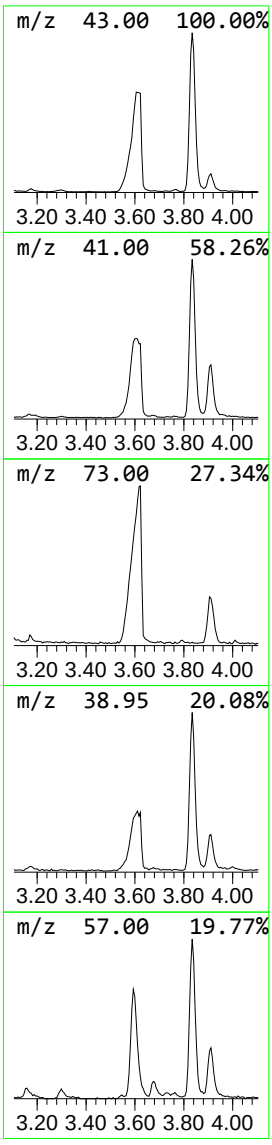
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.605	11.36 ng/ul	566939	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	50
2	Ethyl Acetate	88	C4H8O2	000141-78-6	47
3	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	43
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	42
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

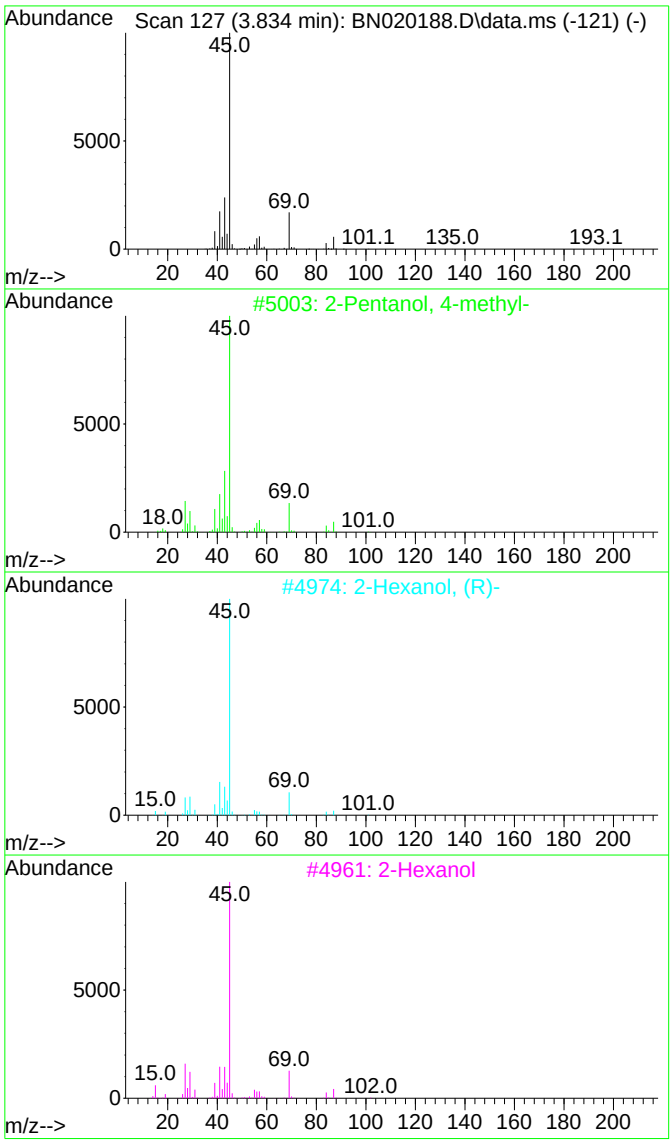
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

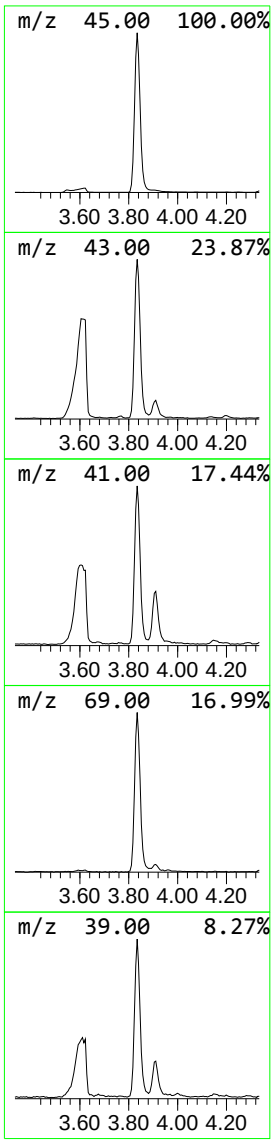
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.834	31.05 ng/ul	1549250	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol, (R)-	102	C6H14O	026549-24-6	78
3	2-Hexanol	102	C6H14O	000626-93-7	78
4	2-Hexanol	102	C6H14O	000626-93-7	78
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

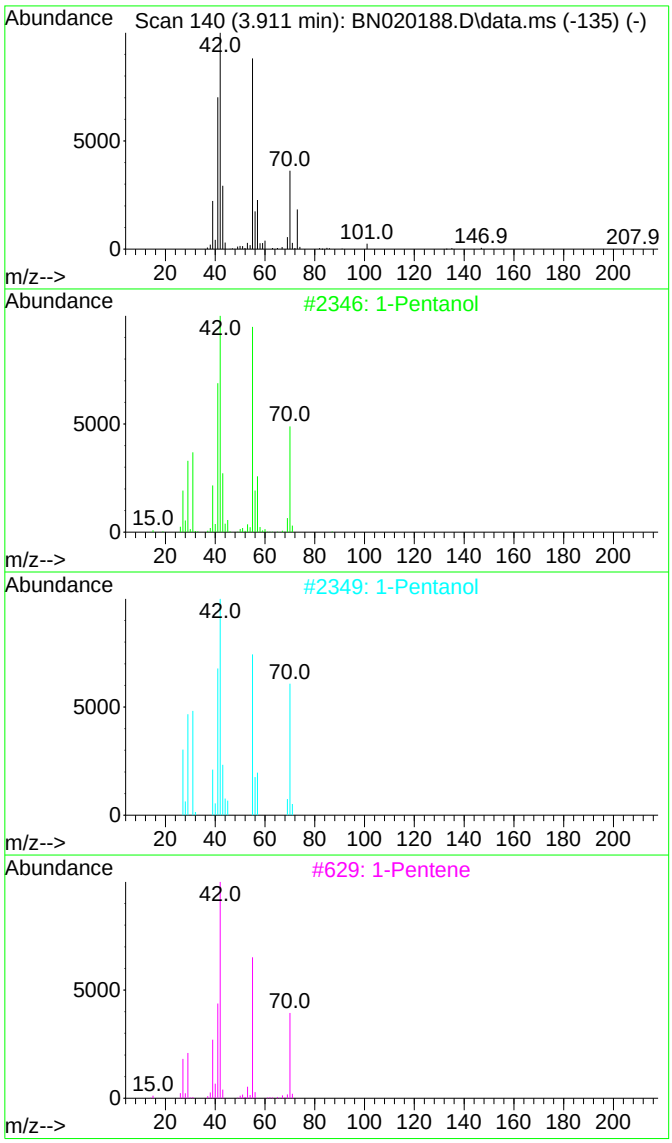
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

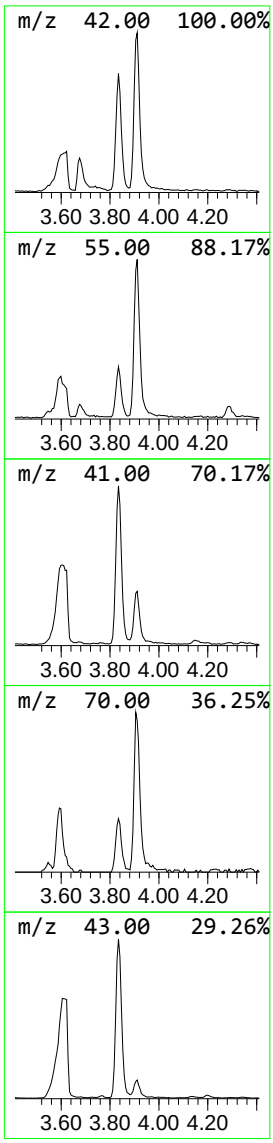
****

Peak Number 3 1-Pentanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.911	6.11 ng/ul	304916	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol	88	C5H12O	000071-41-0	72
2	1-Pentanol	88	C5H12O	000071-41-0	72
3	1-Pentene	70	C5H10	000109-67-1	64
4	Cyclopentane	70	C5H10	000287-92-3	64
5	1-Pentanol	88	C5H12O	000071-41-0	56





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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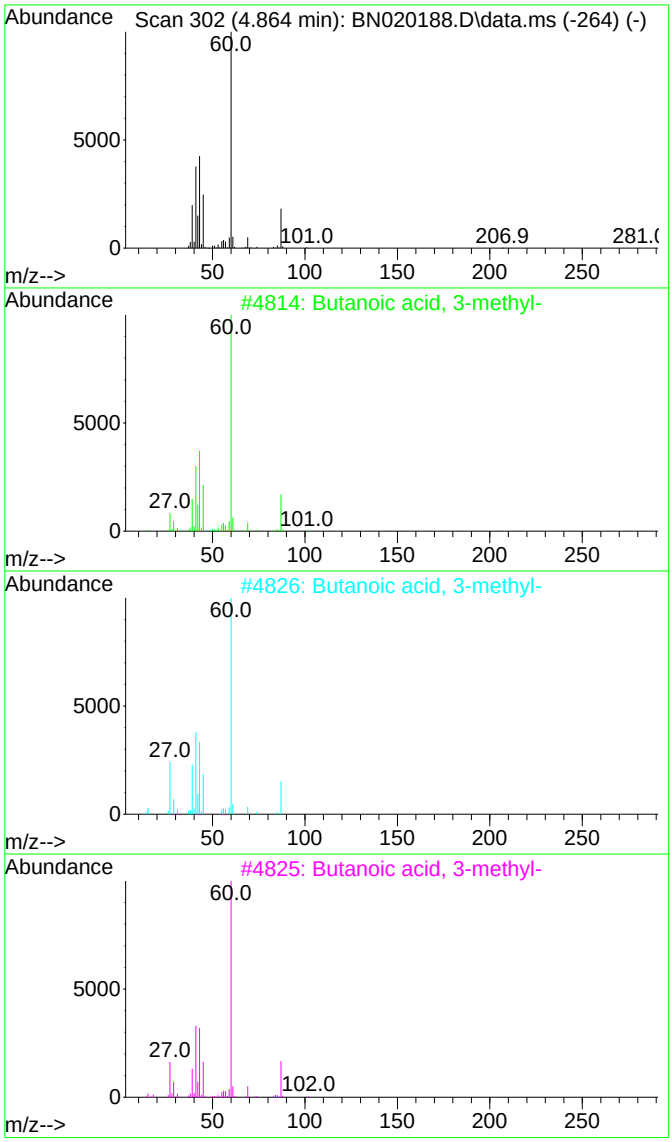
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

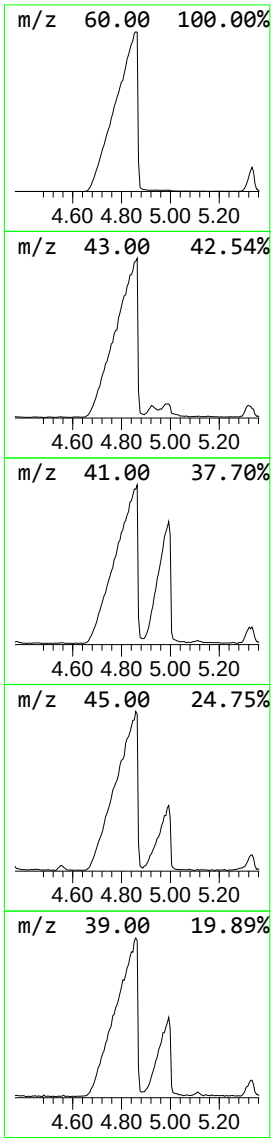
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.864	71.68 ng/ul	3576200	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

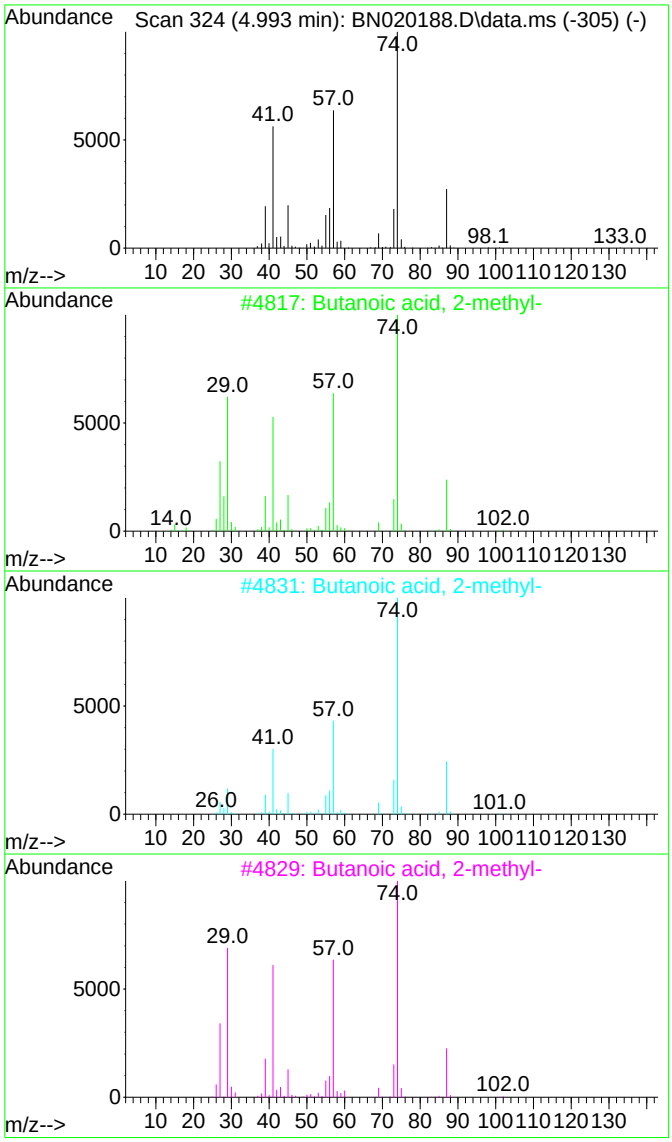
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

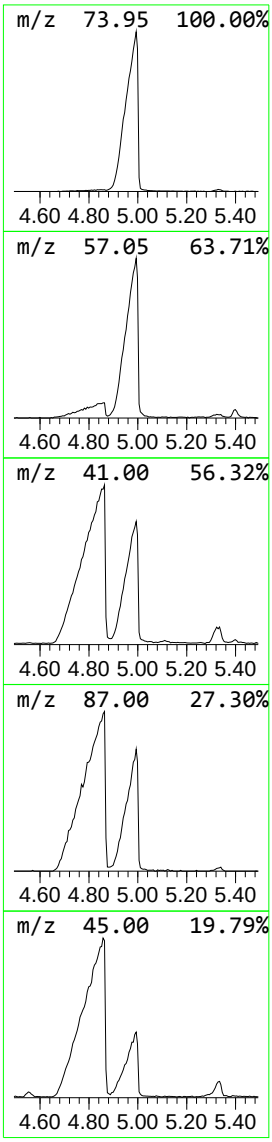
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	24.08 ng/ul	1201590	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
4	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
5	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	64





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Sample : N3294-02
Misc :
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Instrument :
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ClientSampleId :
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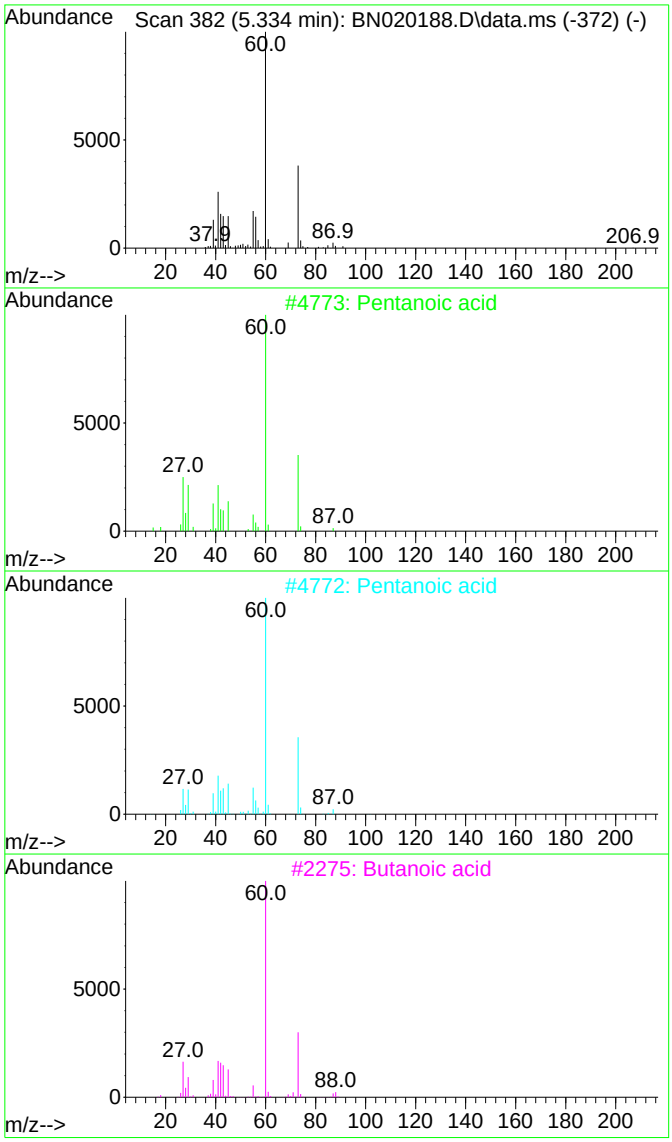
Quant Title : SVOA CALIBRATION

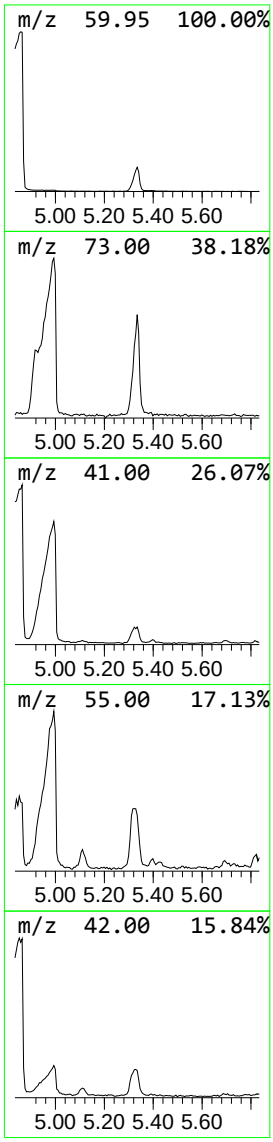
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.334	3.64 ng/ul	181388	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	78
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Butanoic acid	88	C4H8O2	000107-92-6	72
4	Butanoic acid	88	C4H8O2	000107-92-6	72
5	Pentanoic acid	102	C5H10O2	000109-52-4	64





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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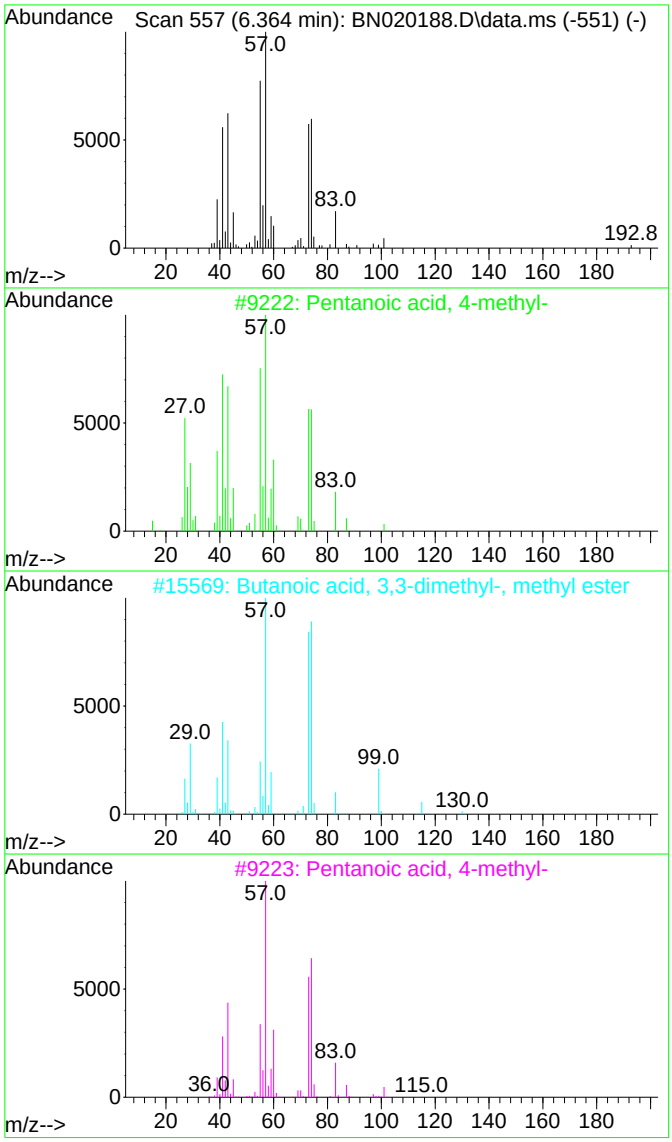
Quant Title : SVOA CALIBRATION

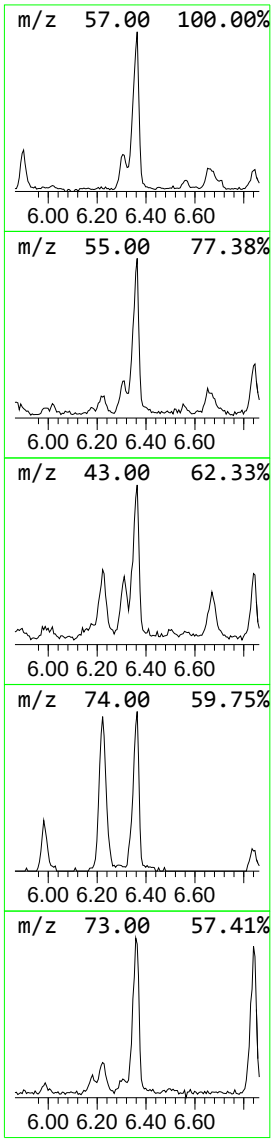
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentanoic acid, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.364	3.13 ng/ul	155931	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	50
2	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	47
3	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	45
4	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	45
5	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	36





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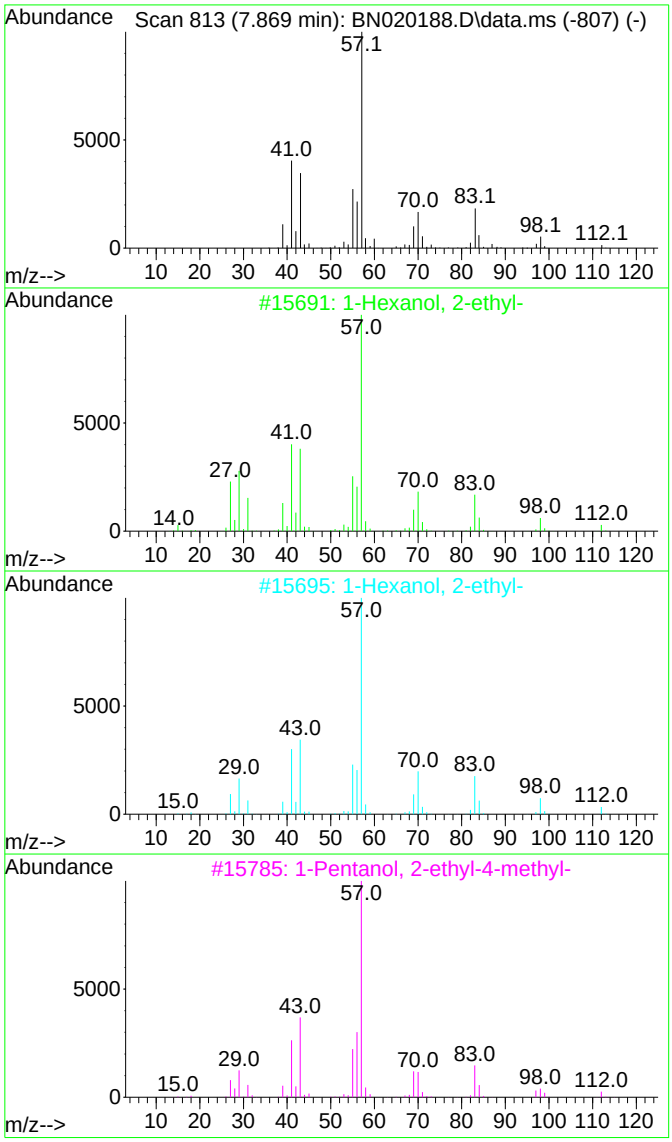
Quant Title : SVOA CALIBRATION

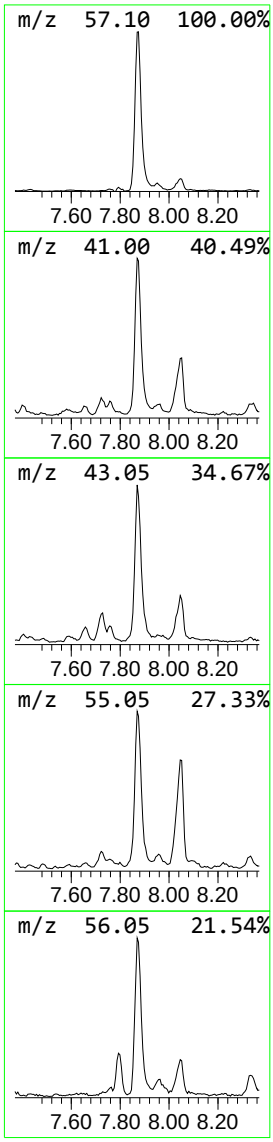
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	12.07 ng/ul	602219	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





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ClientSampleId :
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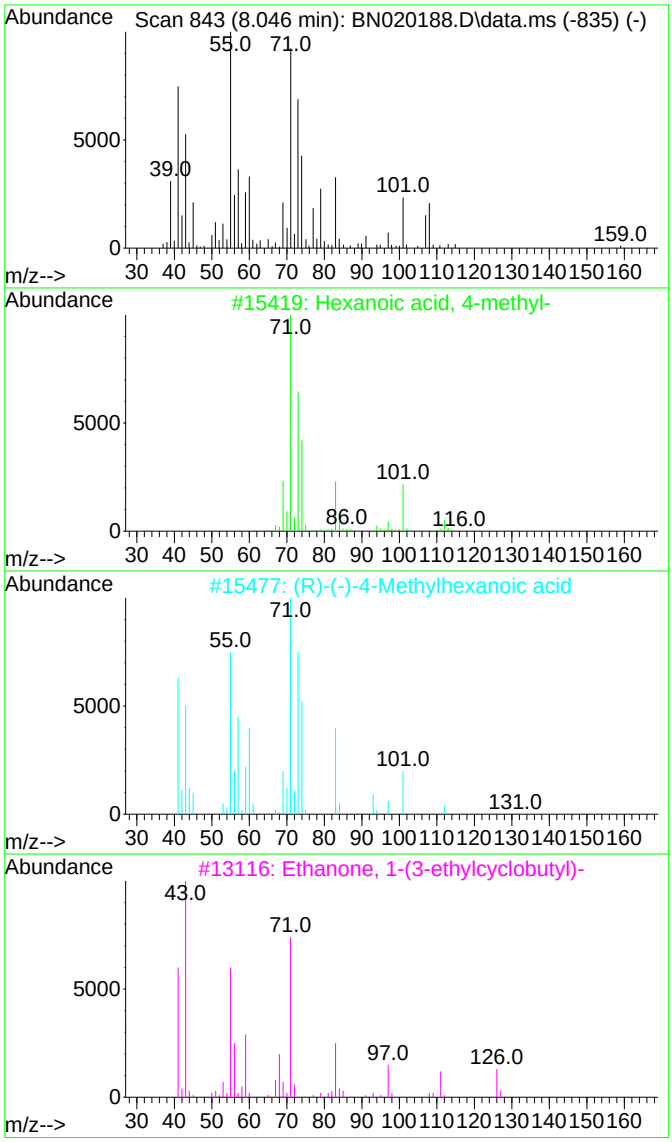
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

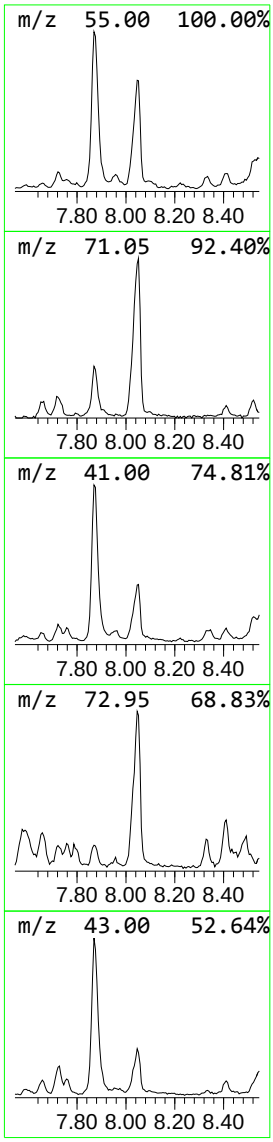
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexanoic acid, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.046	6.63 ng/ul	330645	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-methyl-	130	C7H14O2	001561-11-1	64
2	(R)-(-)-4-Methylhexanoic acid	130	C7H14O2	052745-93-4	43
3	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	25
4	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	22
5	Bis(2-methylallyl) carbonate	170	C9H14O3	064057-79-0	14





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Quant Title : SVOA CALIBRATION

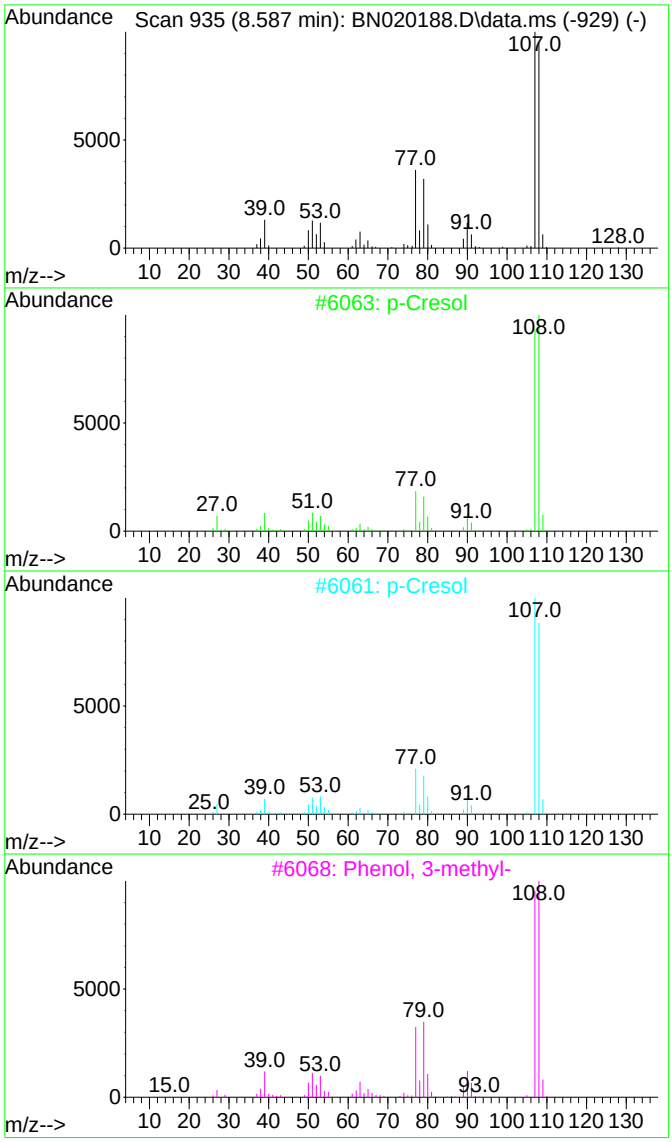
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

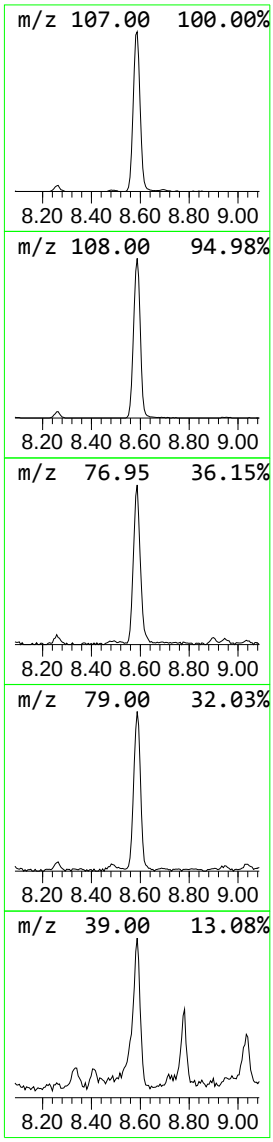
****

Peak Number 11 p-Cresol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	11.42 ng/ul	570008	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	97
2	p-Cresol	108	C7H8O	000106-44-5	96
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	96
4	p-Cresol	108	C7H8O	000106-44-5	94
5	p-Cresol	108	C7H8O	000106-44-5	93





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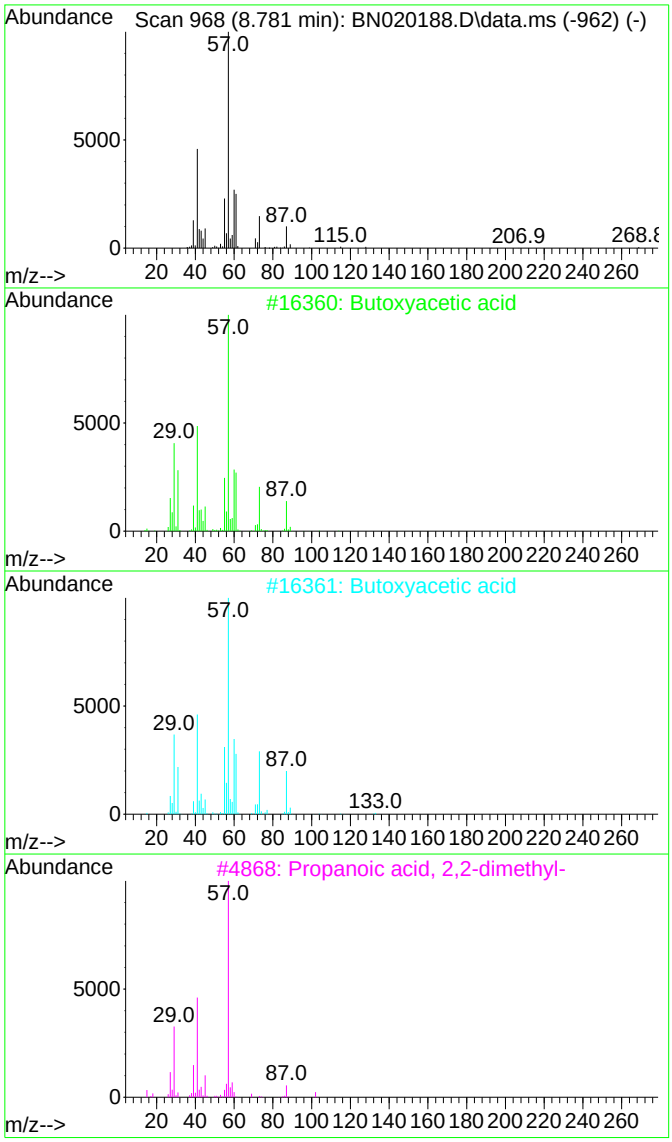
Quant Title : SVOA CALIBRATION

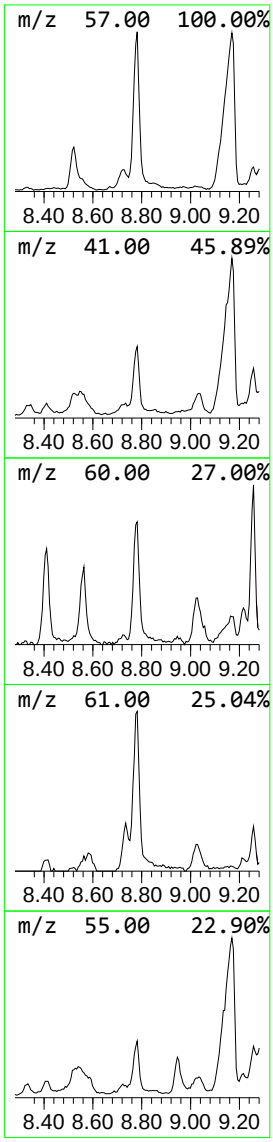
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Butoxyacetic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	4.46 ng/ul	222347	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butoxyacetic acid	132	C6H12O3	002516-93-0	90
2	Butoxyacetic acid	132	C6H12O3	002516-93-0	38
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	35
4	3-Ethylheptanoic acid	158	C9H18O2	014272-47-0	28
5	N-Methylpivalamide	115	C6H13NO	006830-83-7	23





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Misc :
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Instrument :
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ClientSampleId :
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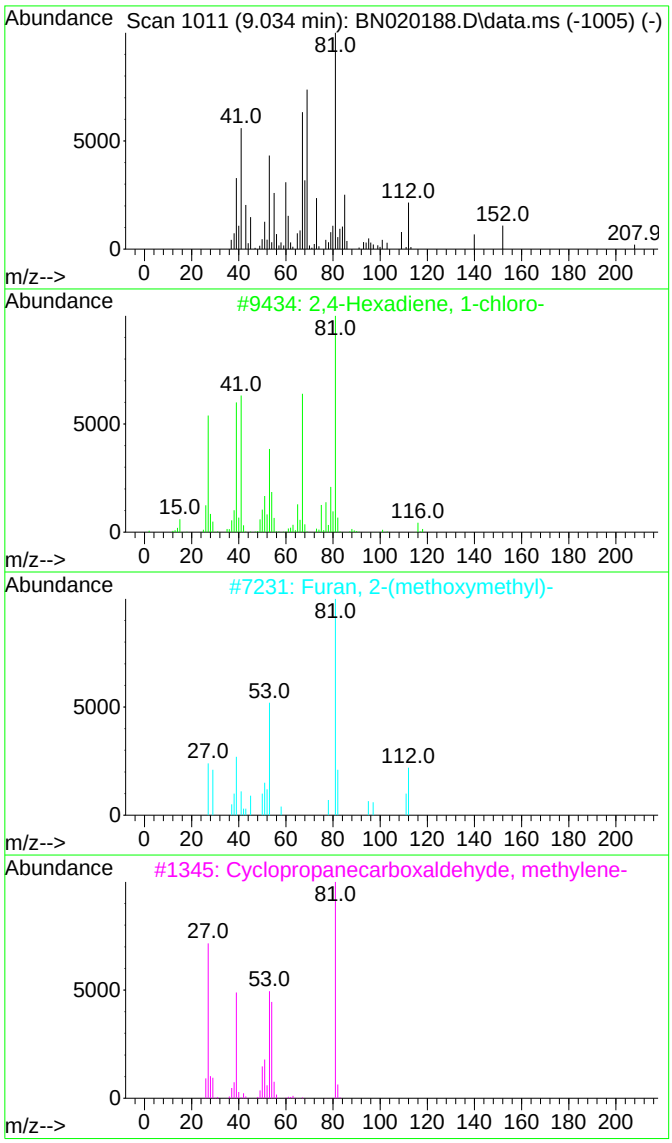
Quant Title : SVOA CALIBRATION

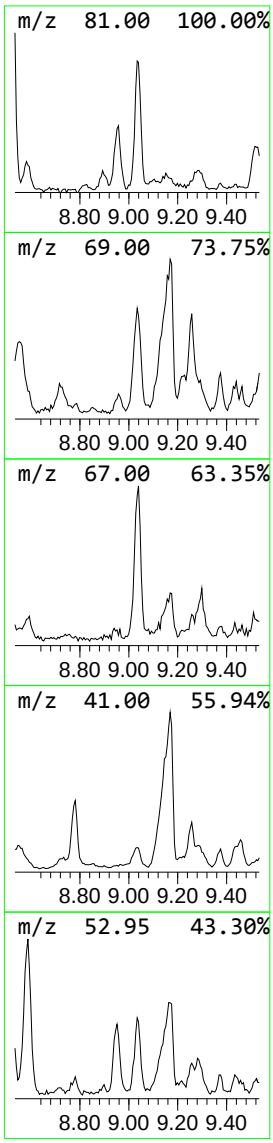
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.034	2.96 ng/ul	147824	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 1-chloro-	116	C6H9Cl	034632-89-8	47
2	Furan, 2-(methoxymethyl)-	112	C6H8O2	013679-46-4	46
3	Cyclopropanecarboxaldehyde, meth...	82	C5H6O	142423-24-3	43
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43
5	Isoprene	68	C5H8	000078-79-5	38





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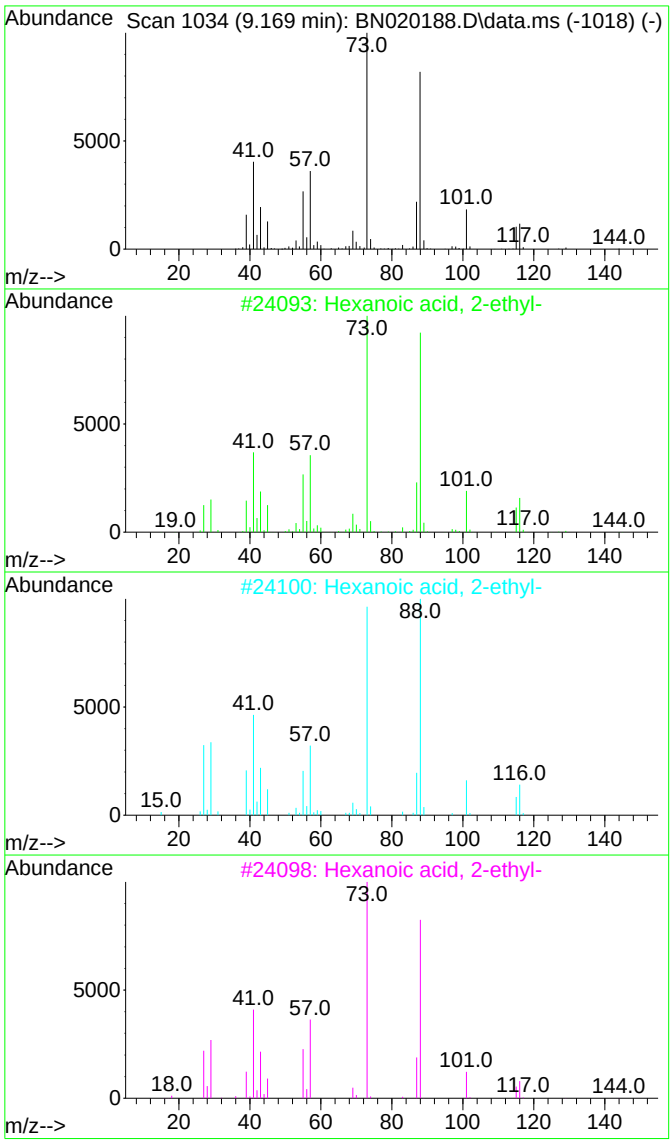
Quant Title : SVOA CALIBRATION

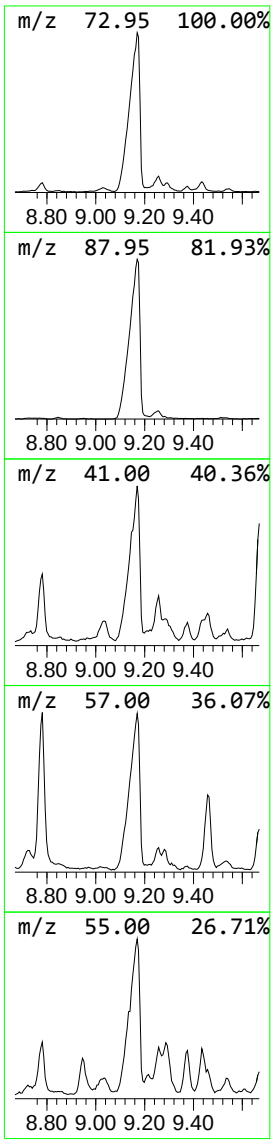
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	28.30 ng/ul	1411910	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64





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Quant Title : SVOA CALIBRATION

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

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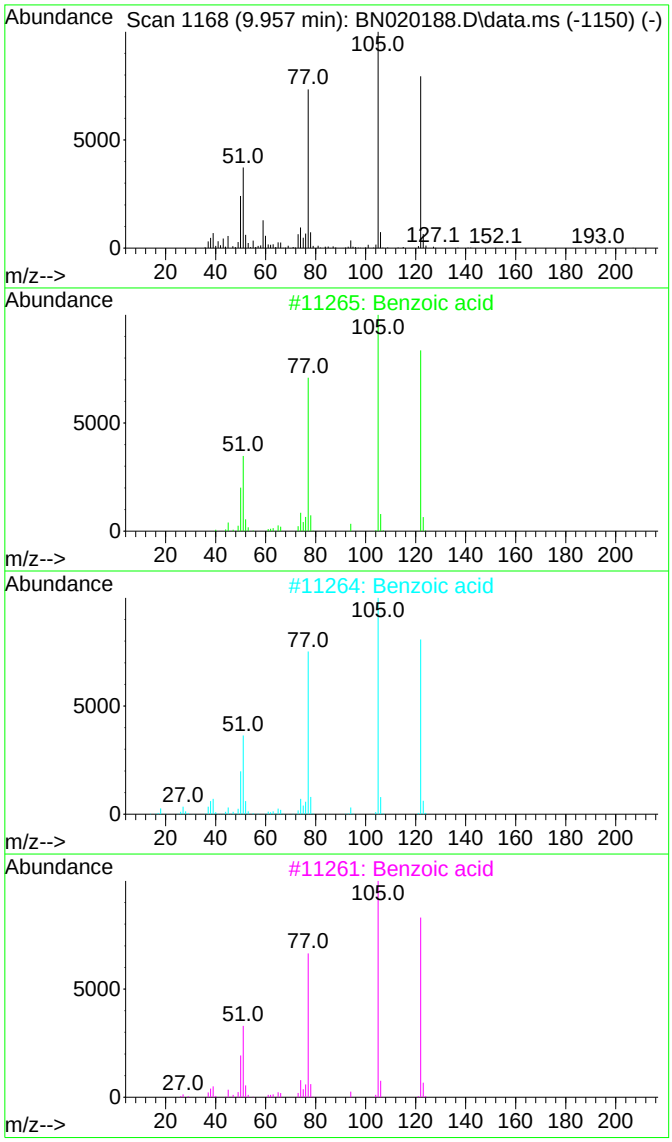
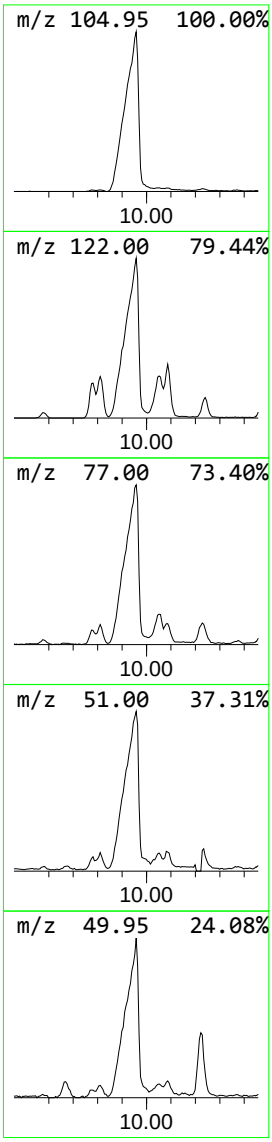
Peak Number 16 Benzoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	18.81 ng/ul	1551140	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	95
3	Benzoic acid	122	C7H6O2	000065-85-0	95
4	Benzoic acid	122	C7H6O2	000065-85-0	94
5	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	90





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Quant Title : SVOA CALIBRATION

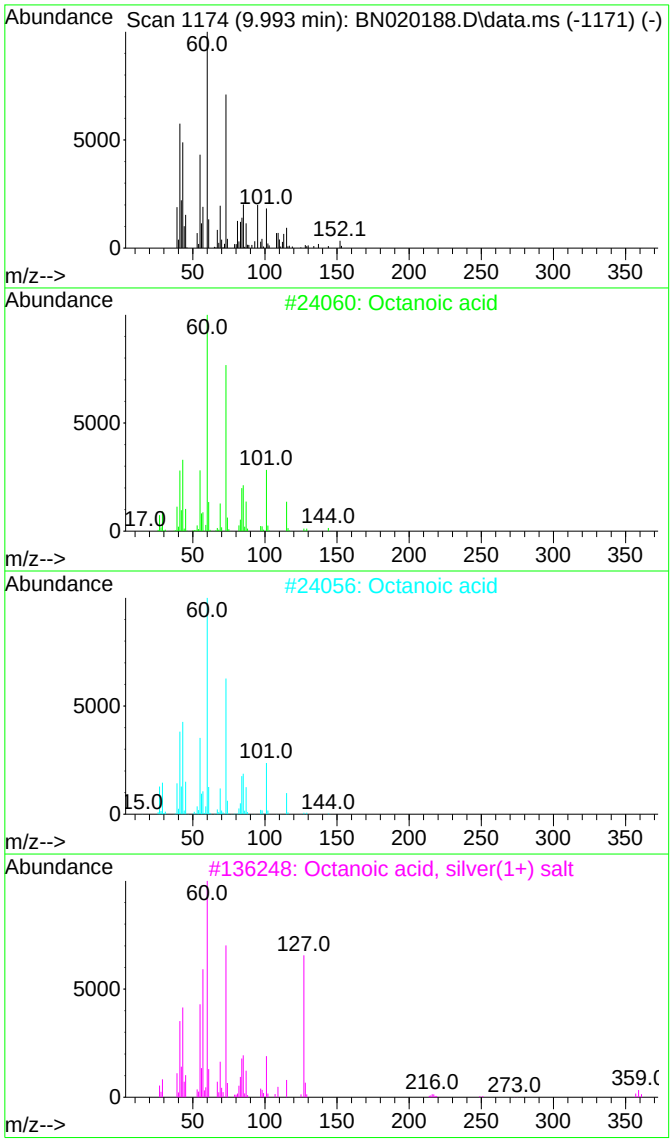
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

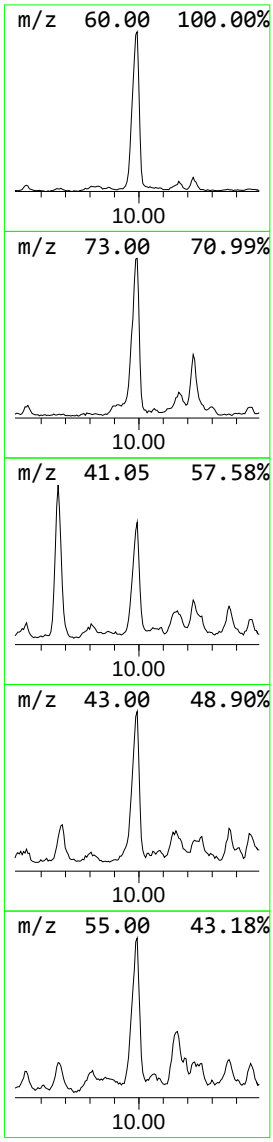
****

Peak Number 17 Octanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.993	5.72 ng/ul	471560	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	87
2	Octanoic acid	144	C8H16O2	000124-07-2	80
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	68
4	Octanoic acid	144	C8H16O2	000124-07-2	64
5	Hexanoic acid	116	C6H12O2	000142-62-1	49





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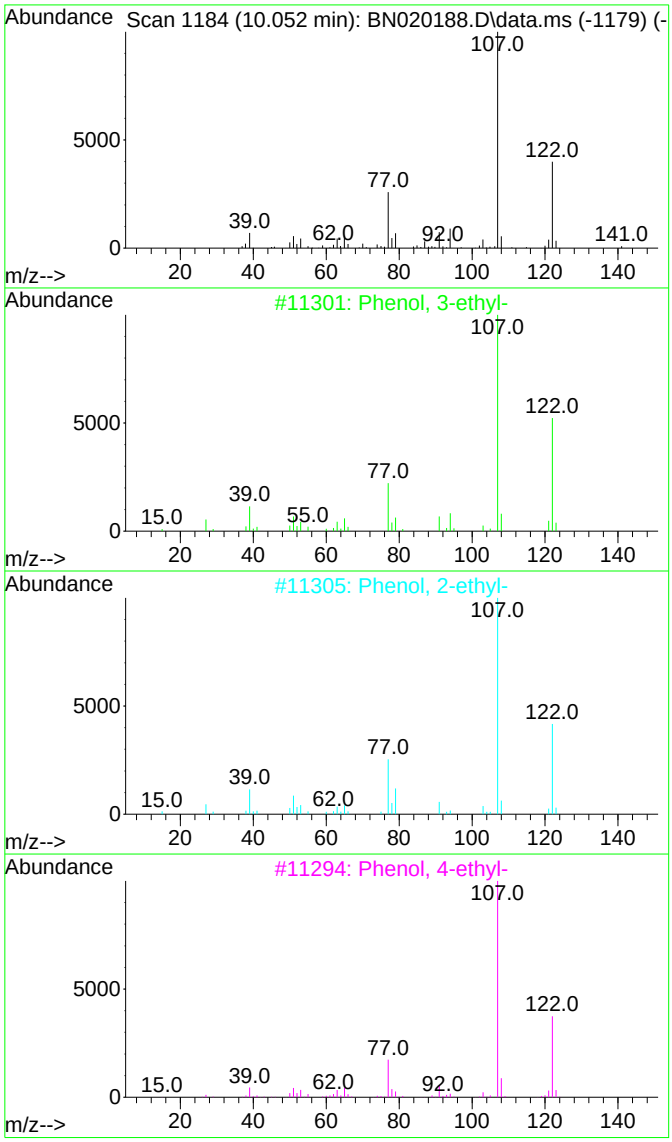
Quant Title : SVOA CALIBRATION

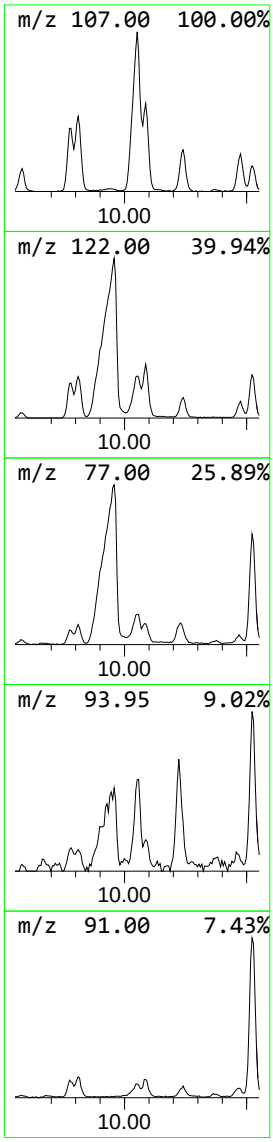
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenol, 3-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.052	3.34 ng/ul	275583	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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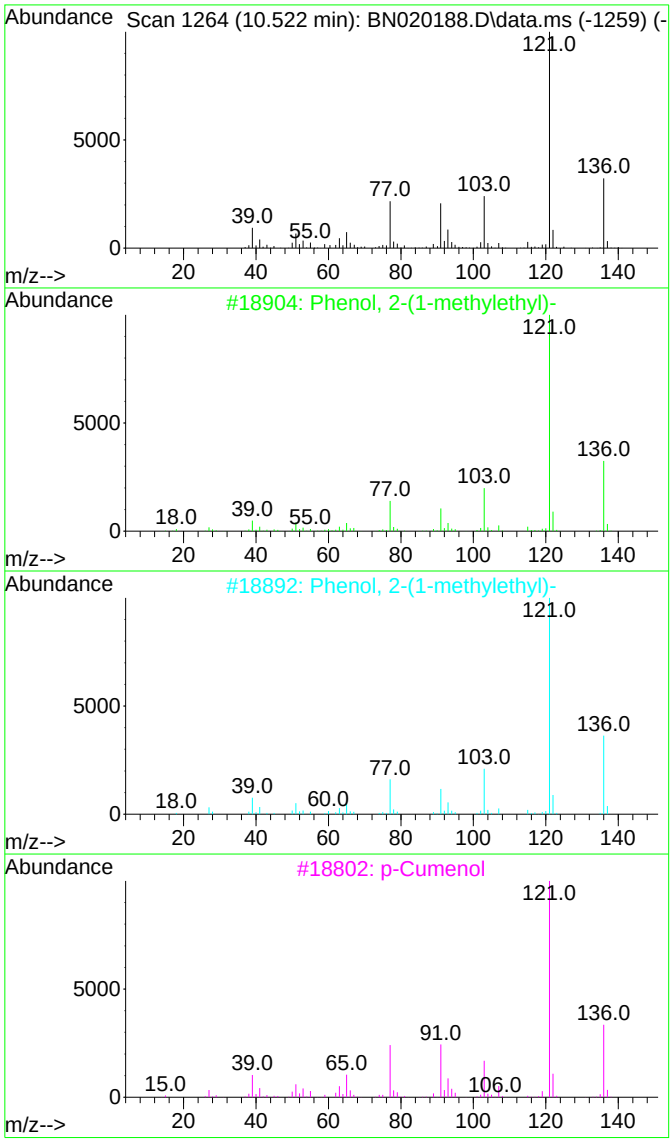
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

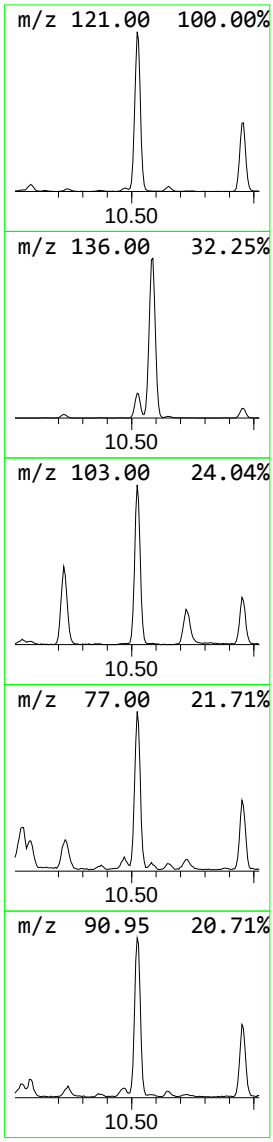
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenol, 2-(1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	13.44 ng/ul	1108700	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3	p-Cumenol	136	C9H12O	000099-89-8	87
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
5	p-Cumenol	136	C9H12O	000099-89-8	86





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Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW4P6

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Quant Title : SVOA CALIBRATION

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

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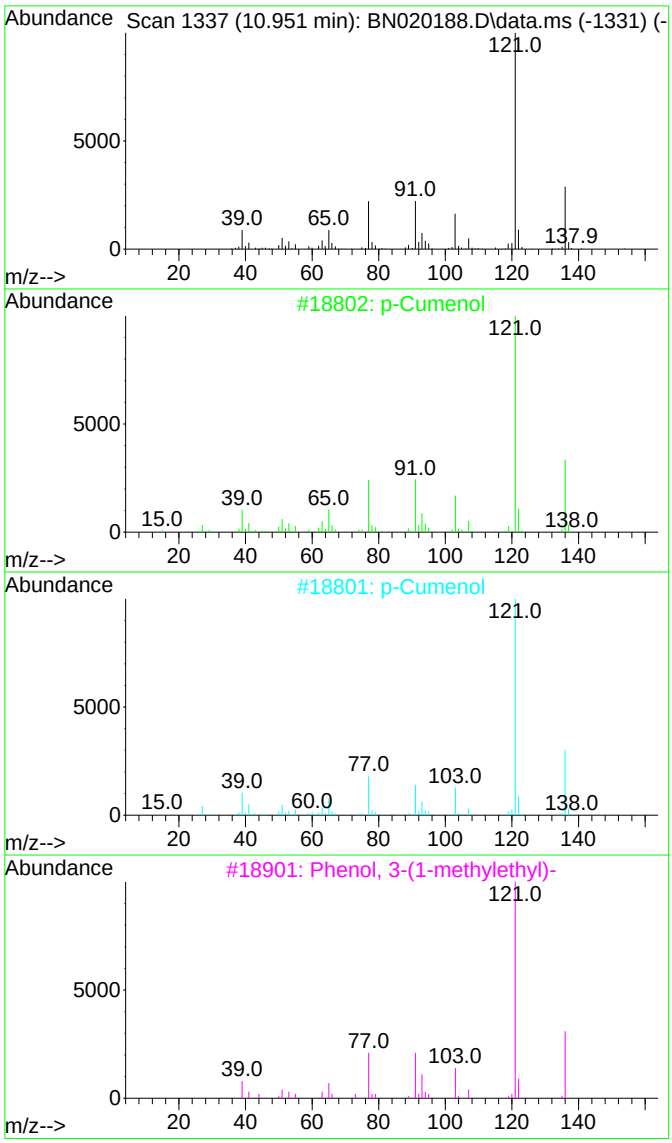
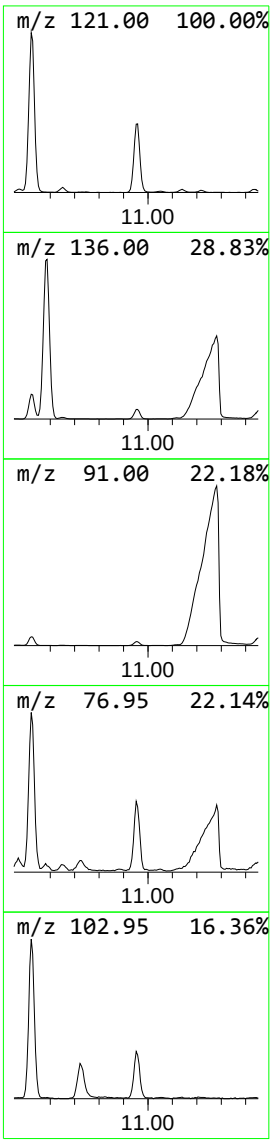
Peak Number 22 p-Cumenol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	5.93 ng/ul	489445	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cumenol	136	C9H12O	000099-89-8	96
2	p-Cumenol	136	C9H12O	000099-89-8	95
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	p-Cumenol	136	C9H12O	000099-89-8	91





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ClientSampleId :
EW4P6

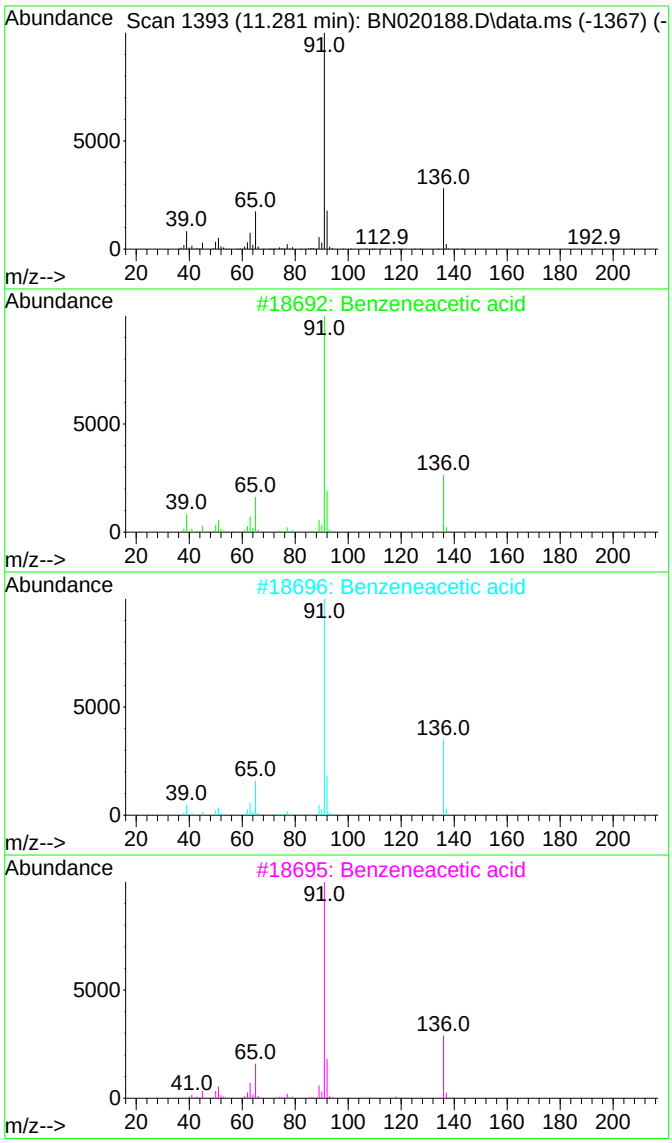
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

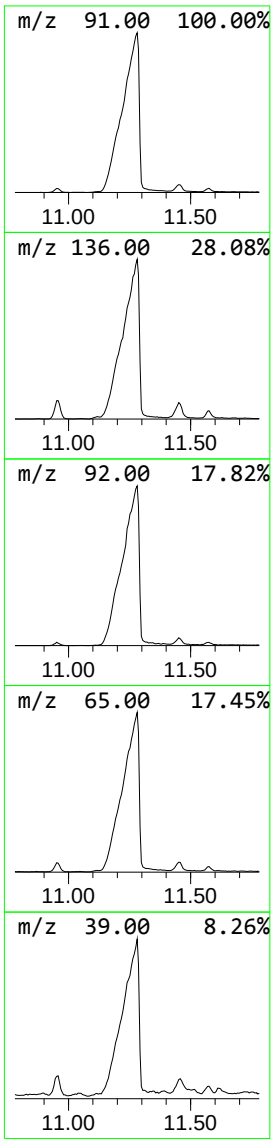
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzeneacetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	100.92 ng/ul	8322520	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	95
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
4	Benzeneacetic acid	136	C8H8O2	000103-82-2	90
5	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	78





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BNA_N
ClientSampleId :
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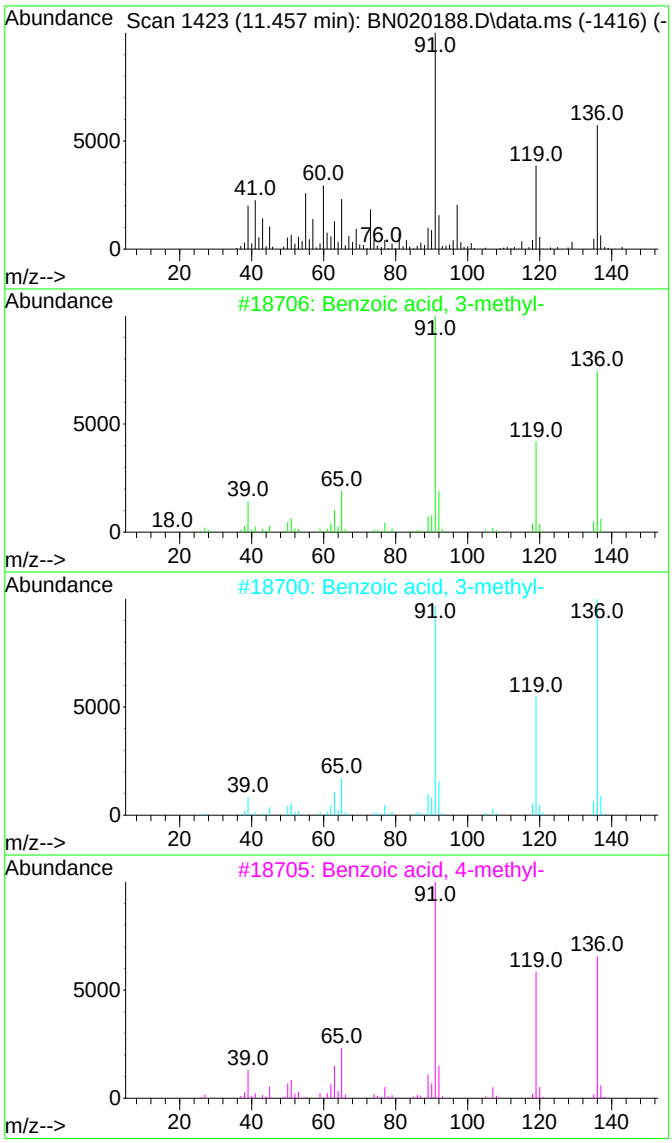
Quant Title : SVOA CALIBRATION

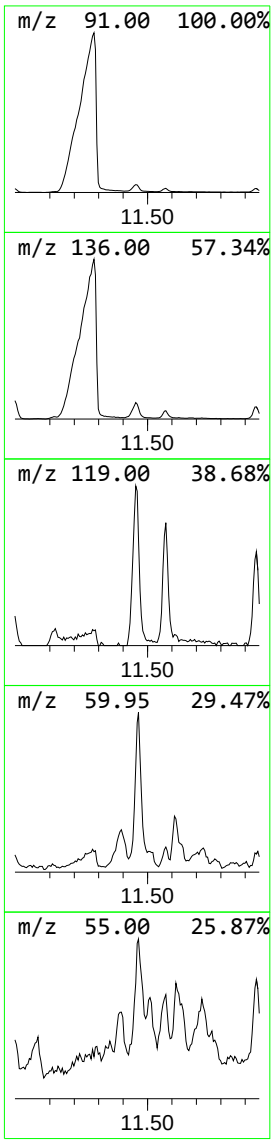
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzoic acid, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	5.49 ng/ul	452523	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	93
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	89
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	76
4	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	76
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	76





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Misc :
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Instrument :
BNA_N
ClientSampleId :
EW4P6

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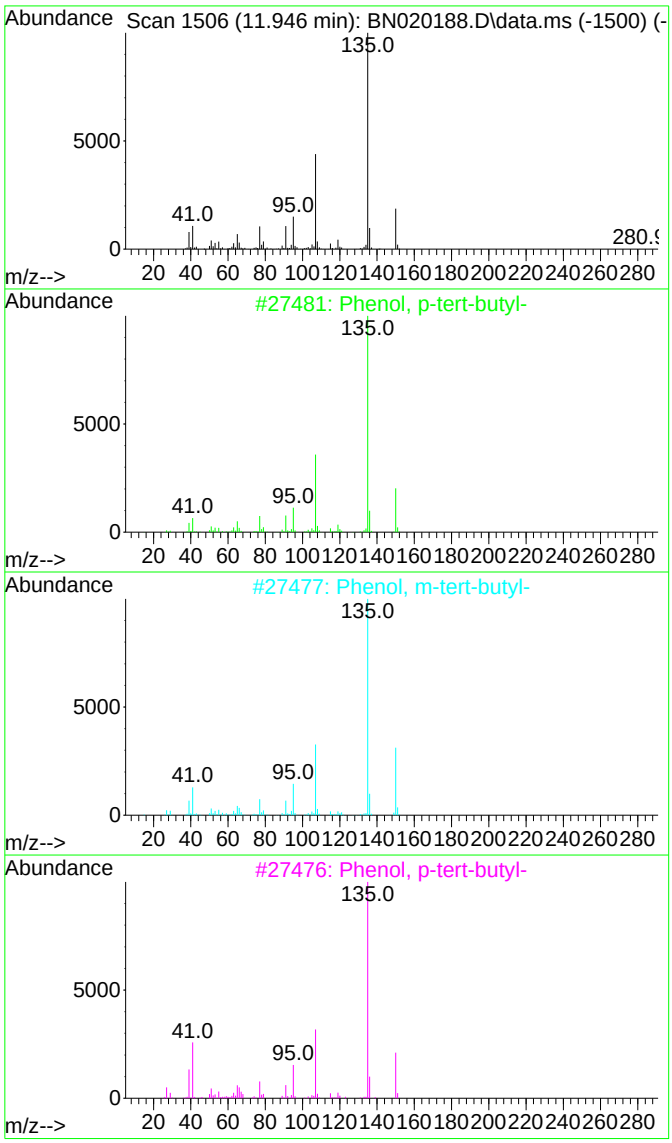
Quant Title : SVOA CALIBRATION

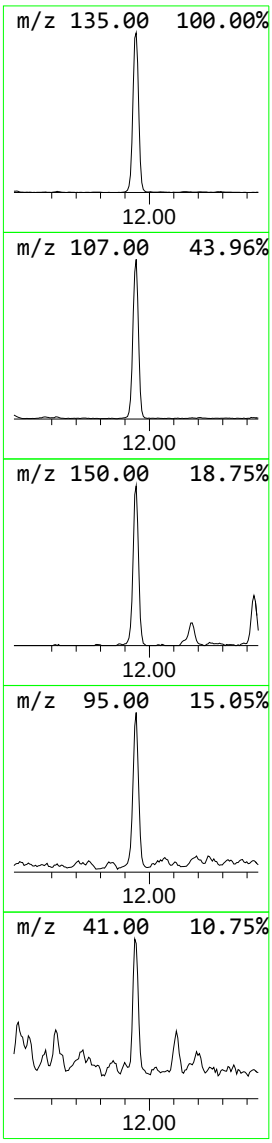
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenol, p-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.946	10.16 ng/ul	838168	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	81
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	80





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Quant Title : SVOA CALIBRATION

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

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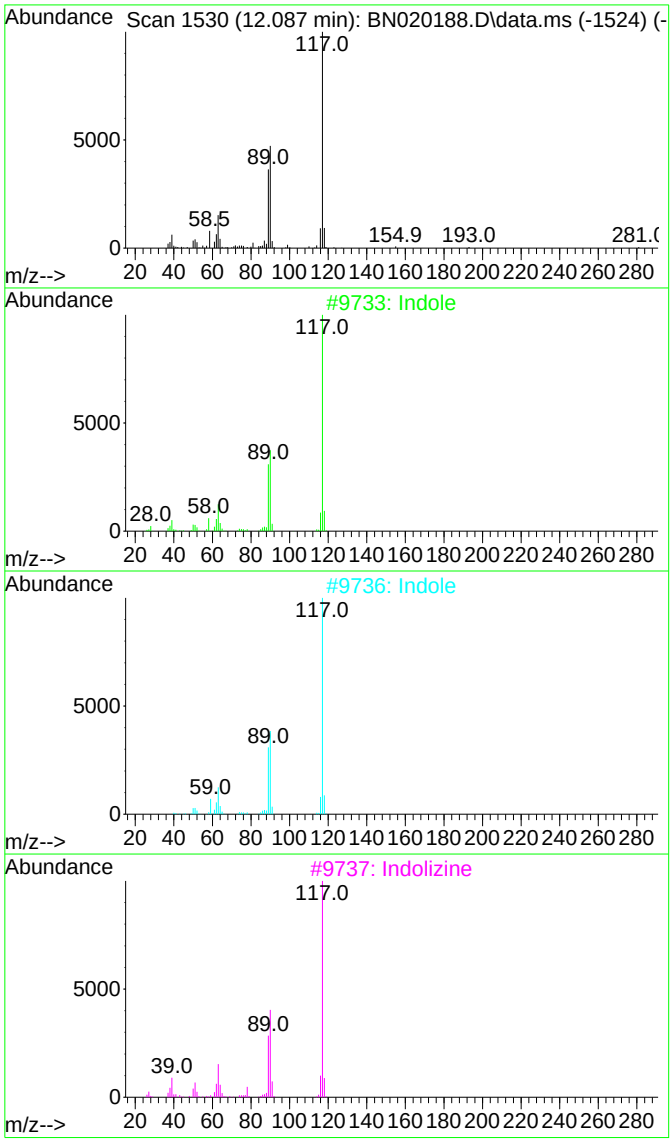
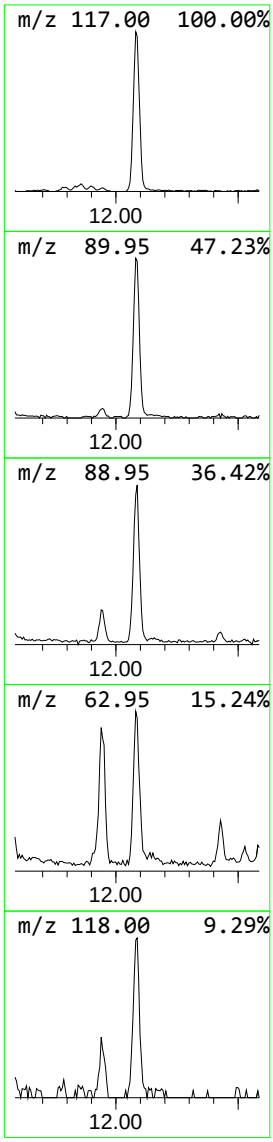
Peak Number 26 Indole Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	3.33 ng/ul	274279	Naphthalene-d8	10.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	97
2	Indole	117	C8H7N	000120-72-9	95
3	Indolizine	117	C8H7N	000274-40-8	91
4	Benzyl nitrile	117	C8H7N	000140-29-4	91
5	5H-1-Pyrindine	117	C8H7N	000270-91-7	91





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Quant Title : SVOA CALIBRATION

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

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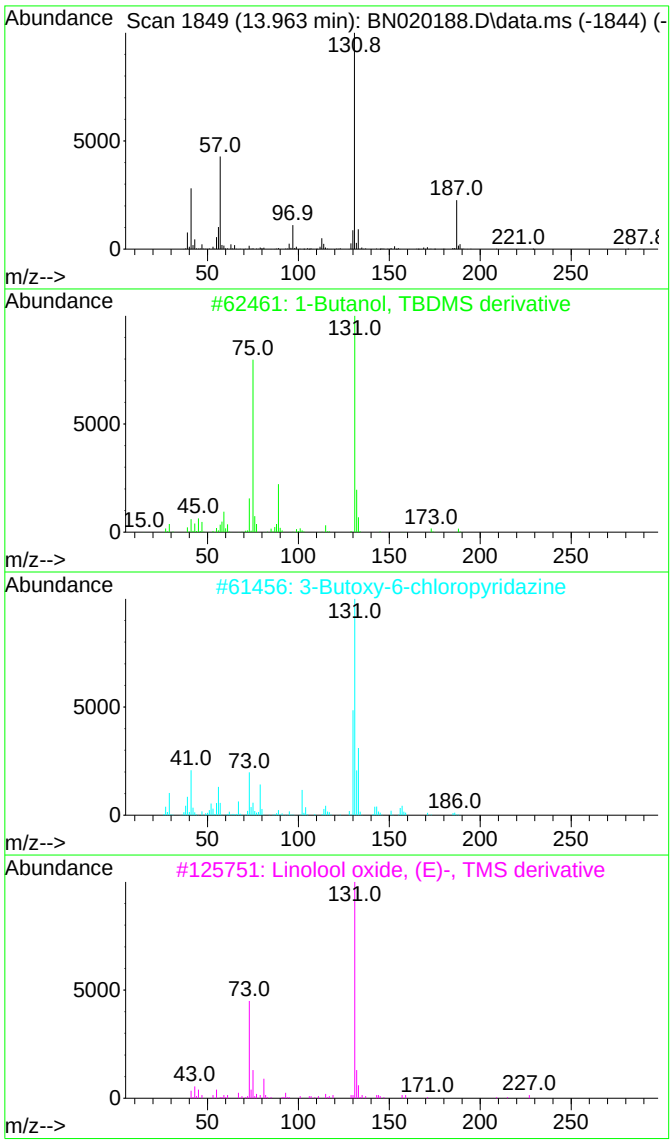
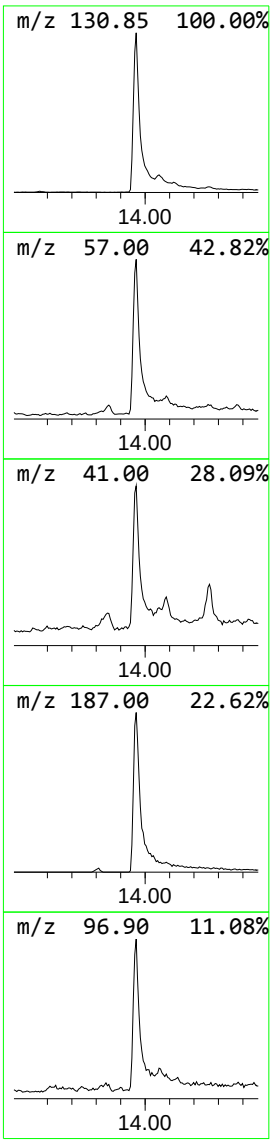
Peak Number 30 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	11.08 ng/ul	1180570	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, TBDMS derivative	188	C10H24OSi	1000333-04-7	9
2	3-Butoxy-6-chloropyridazine	186	C8H11ClN2O	017321-22-1	9
3	Linolool oxide, (E)-, TMS deriva...	242	C13H26O2Si	057397-14-5	9
4	2,4(3H,5H)-Thiazoledione, 5-methyl-	131	C4H5NO2S	1000319-17-7	7
5	3,5-Difluoropyridine 1-oxide	131	C5H3F2NO	210169-07-6	4





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Misc :
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Instrument :
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ClientSampleId :
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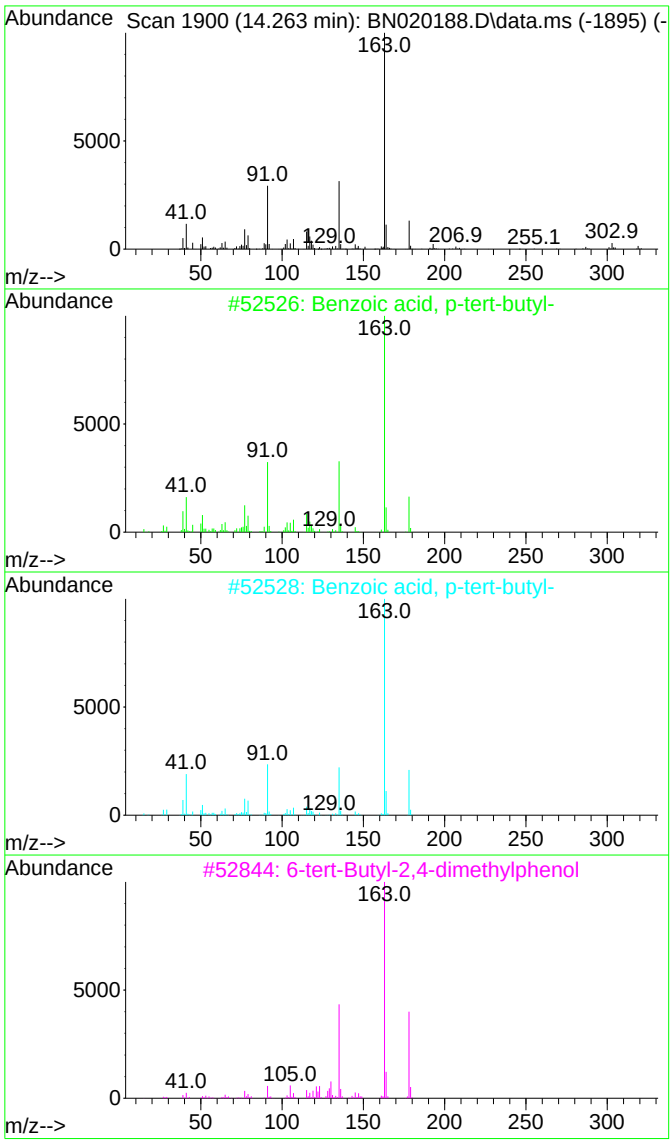
Quant Title : SVOA CALIBRATION

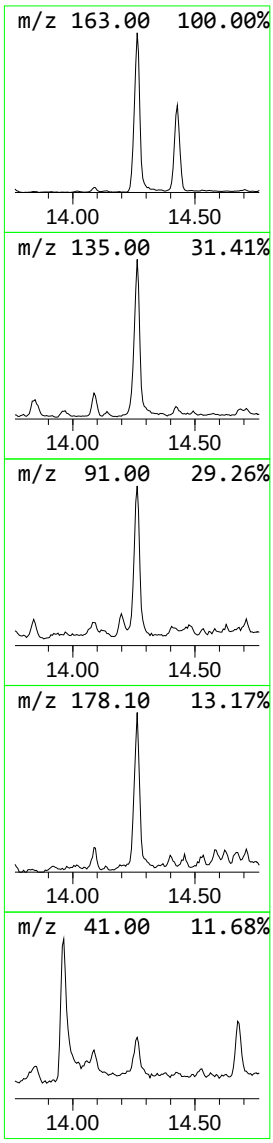
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzoic acid, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	9.40 ng/ul	1001560	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	91
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	80
4	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	64
5	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
EW4P6

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Quant Title : SVOA CALIBRATION

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

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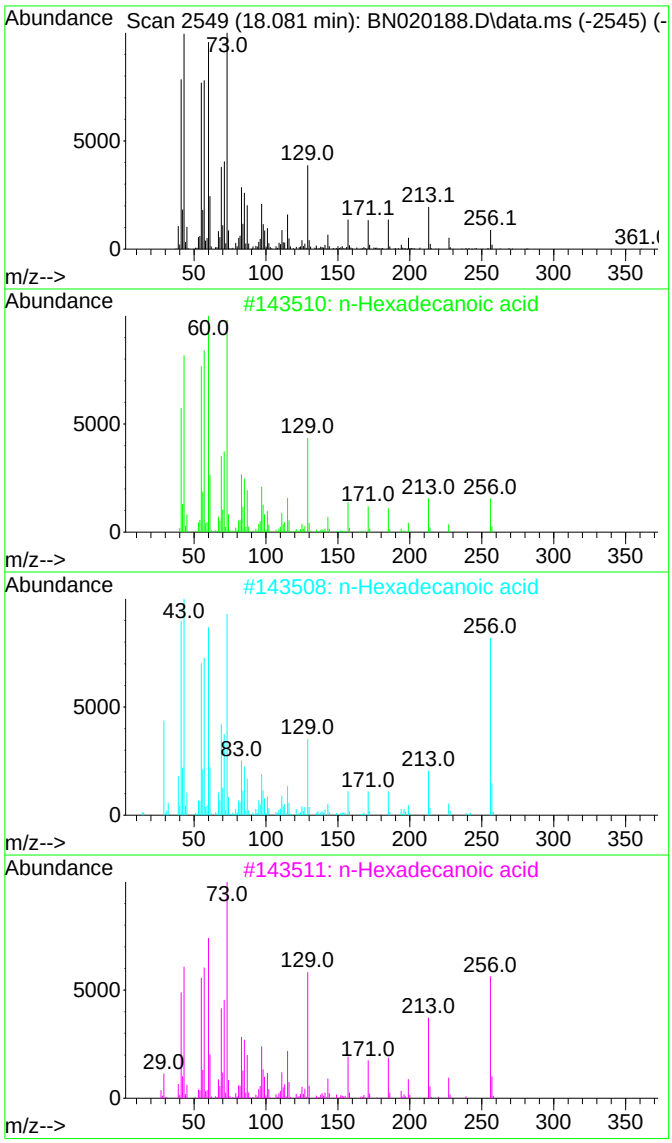
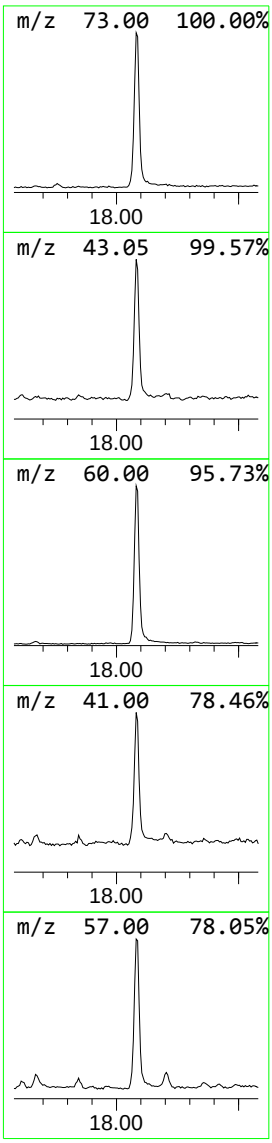
Peak Number 32 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	9.77 ng/ul	1198510	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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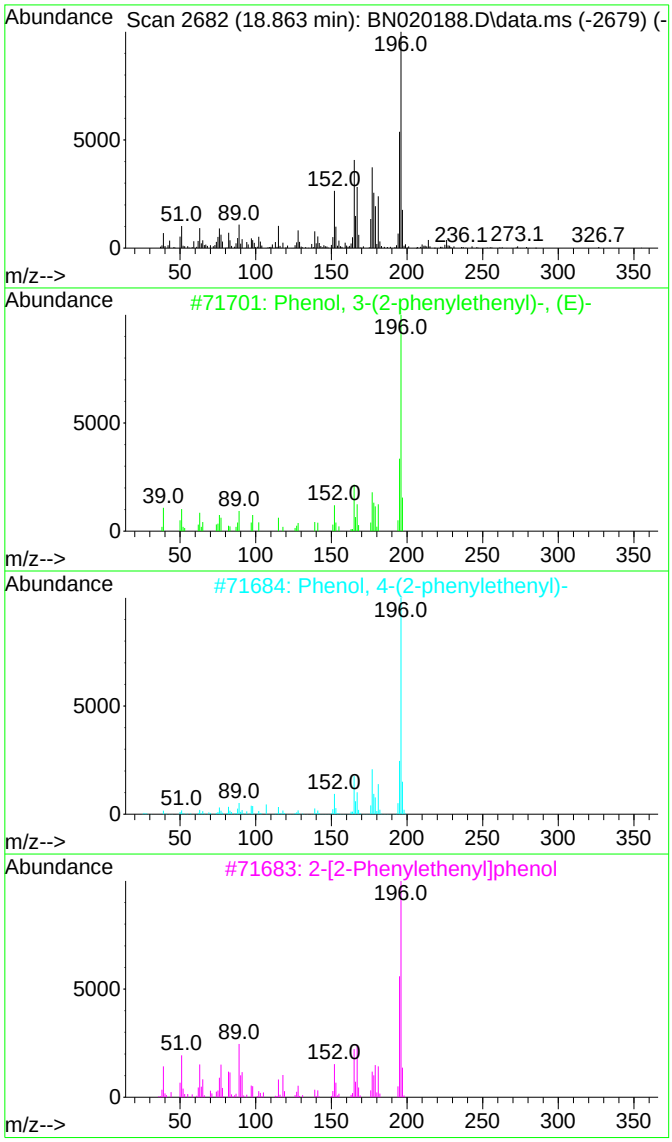
Quant Title : SVOA CALIBRATION

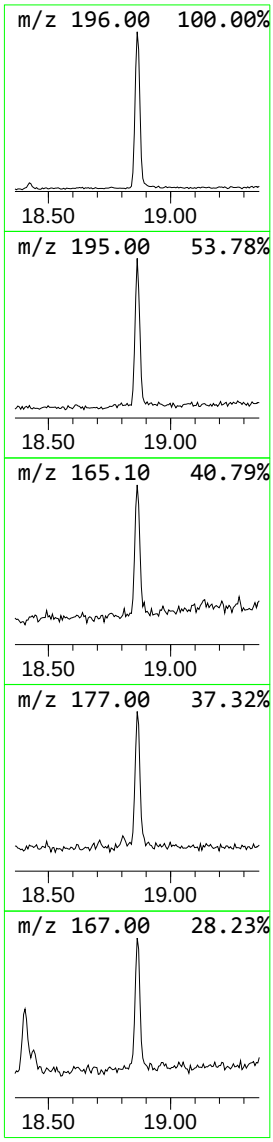
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Phenol, 3-(2-phenylethenyl)... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	2.97 ng/ul	364035	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	93
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	83
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	81
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	76
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	70





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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

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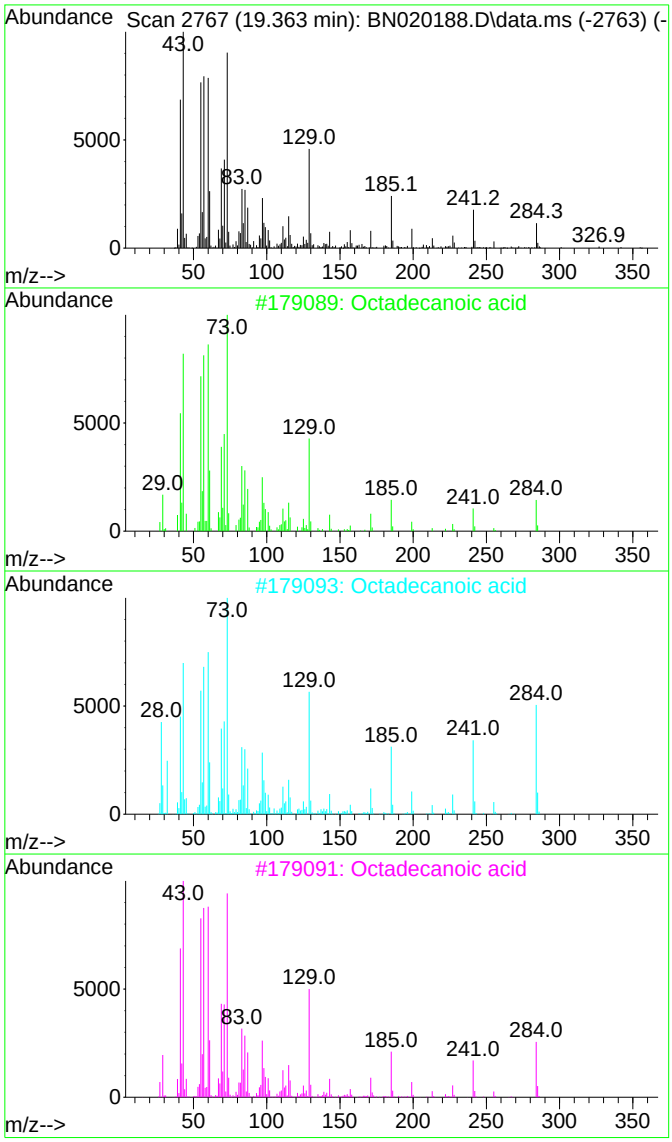
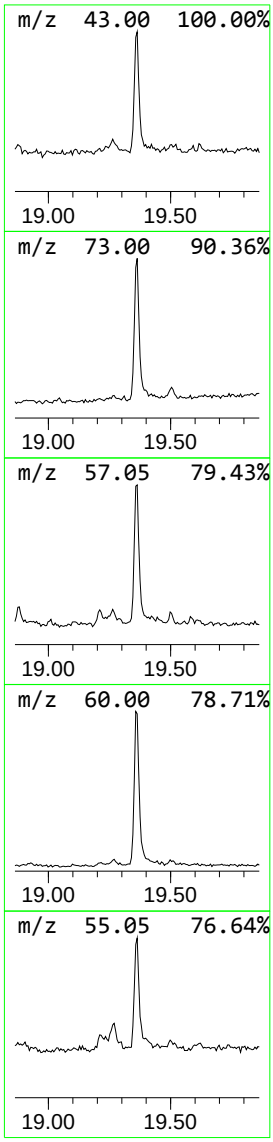
Peak Number 34 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	4.78 ng/ul	564679	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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ALS Vial : 23 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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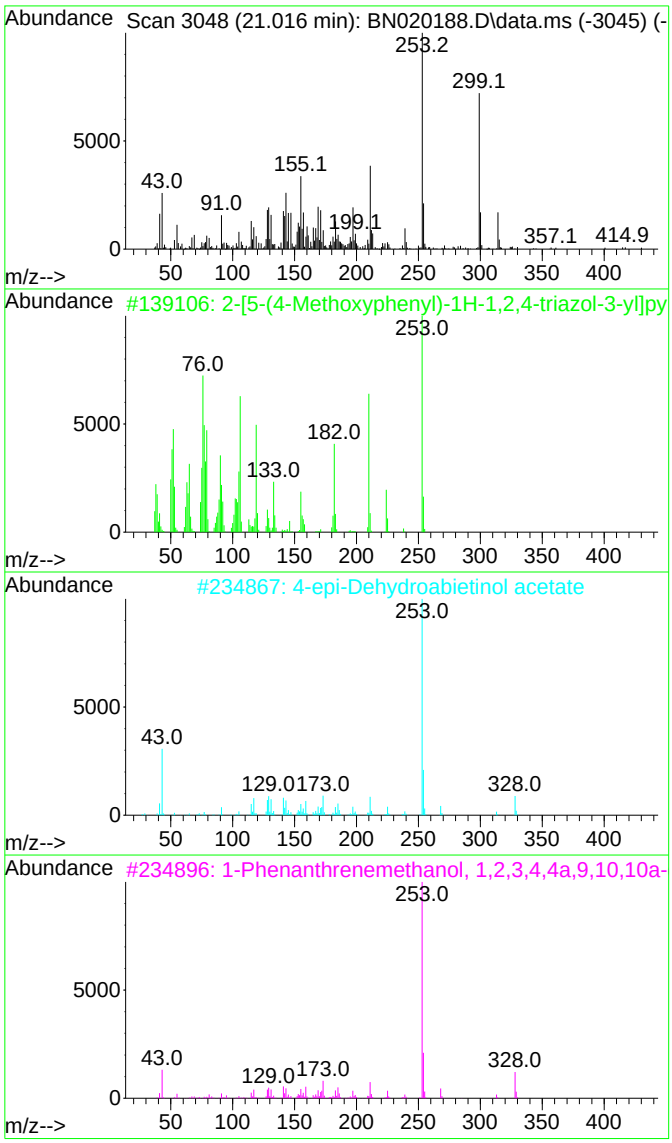
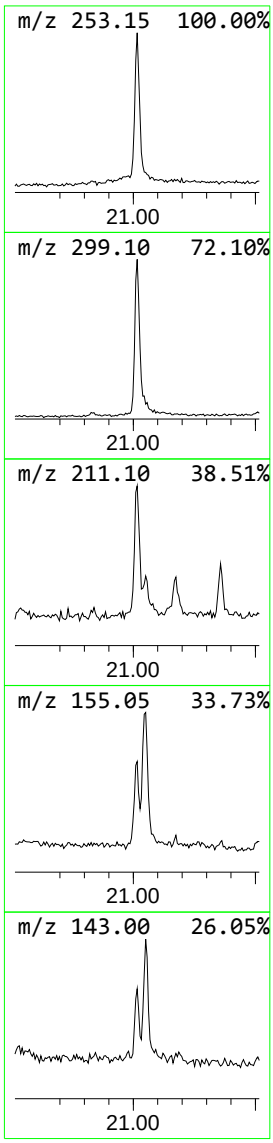
Peak Number 35 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	2.65 ng/ul	312679	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[5-(4-Methoxyphenyl)-1H-1,2,4-...	253	C13H11N5O	159053-06-2	46
2	4-epi-Dehydroabietinol acetate	328	C22H32O2	024462-15-5	27
3	1-Phenanthrenemethanol, 1,2,3,4,...	328	C22H32O2	043127-93-1	27
4	2-Phenoxy-5-(trifluoromethyl)ben...	253	C13H10F3NO	050594-29-1	27
5	N1-(3,4,5-Trimethoxybenzylidene)...	299	C18H21NO3	284488-43-3	25





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Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

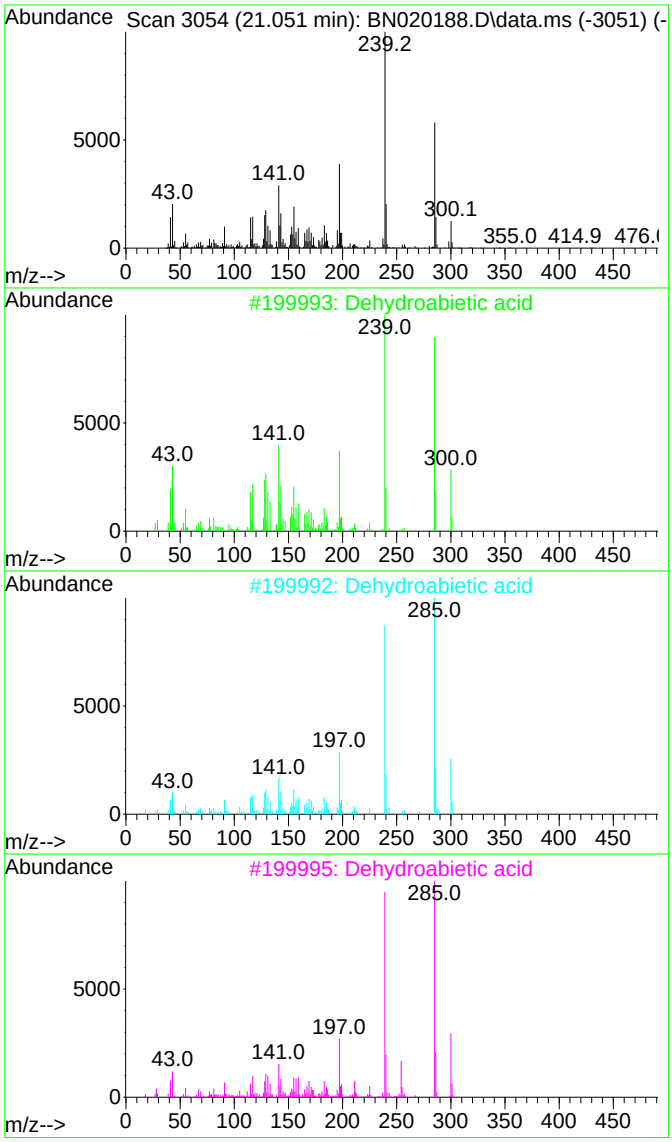
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

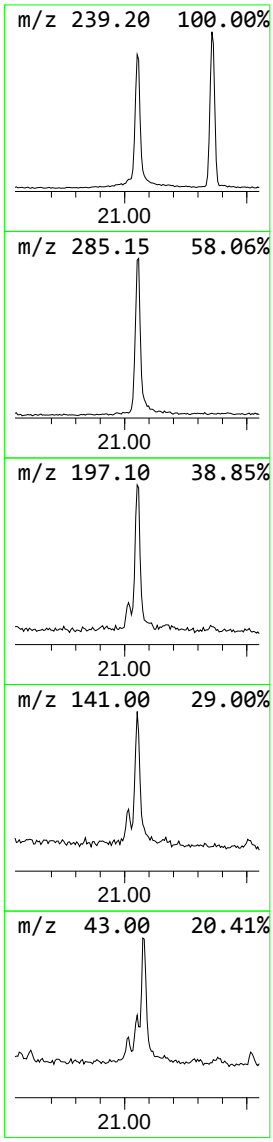
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Dehydroabietic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	5.79 ng/ul	684531	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	95
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

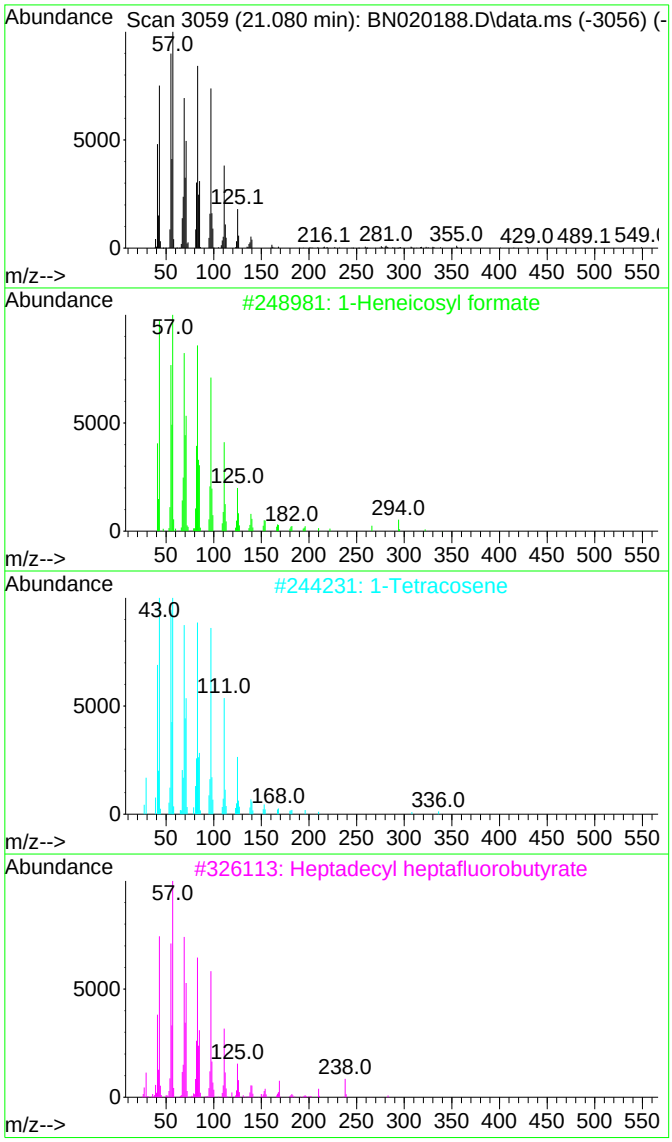
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

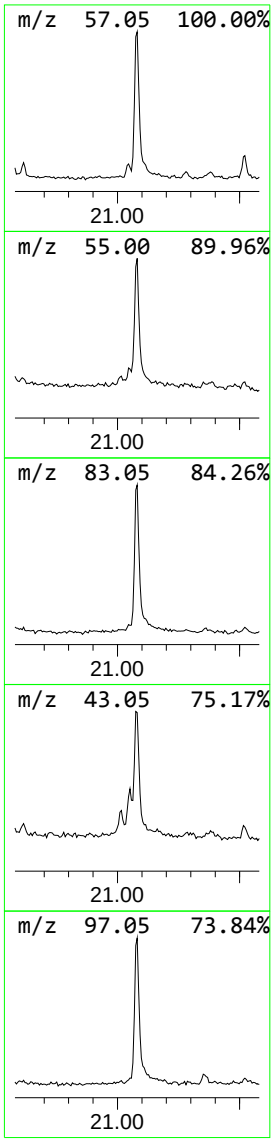
****

Peak Number 37 1-Heneicosyl formate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	6.21 ng/ul	733380	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Nonacos-1-ene	406	C29H58	018835-35-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020188.D
Acq On : 15 Jun 2022 23:46
Operator : CG/JU
Sample : N3294-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.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
Propanoic acid,...	3.605	11.4	ng/ul	566939	1	7.793	997875	20.0
2-Pentanol, 4-m...	3.834	31.1	ng/ul	1549250	1	7.793	997875	20.0
1-Pentanol	3.911	6.1	ng/ul	304916	1	7.793	997875	20.0
Butanoic acid, ...	4.864	71.7	ng/ul	3576200	1	7.793	997875	20.0
Butanoic acid, ...	4.993	24.1	ng/ul	1201590	1	7.793	997875	20.0
Pentanoic acid	5.334	3.6	ng/ul	181388	1	7.793	997875	20.0
Pentanoic acid,...	6.364	3.1	ng/ul	155931	1	7.793	997875	20.0
1-Hexanol, 2-et...	7.869	12.1	ng/ul	602219	1	7.793	997875	20.0
Hexanoic acid, ...	8.046	6.6	ng/ul	330645	1	7.793	997875	20.0
p-Cresol	8.587	11.4	ng/ul	570008	1	7.793	997875	20.0
Butoxyacetic acid	8.781	4.5	ng/ul	222347	1	7.793	997875	20.0
unknown-01	9.034	3.0	ng/ul	147824	1	7.793	997875	20.0
Hexanoic acid, ...	9.169	28.3	ng/ul	1411910	1	7.793	997875	20.0
Benzoic acid	9.957	18.8	ng/ul	1551140	2	10.587	1649410	20.0
Octanoic acid	9.993	5.7	ng/ul	471560	2	10.587	1649410	20.0
Phenol, 3-ethyl-	10.052	3.3	ng/ul	275583	2	10.587	1649410	20.0
Phenol, 2-(1-me...	10.522	13.4	ng/ul	1108700	2	10.587	1649410	20.0
p-Cumenol	10.951	5.9	ng/ul	489445	2	10.587	1649410	20.0
Benzeneacetic acid	11.281	100.9	ng/ul	8322520	2	10.587	1649410	20.0
Benzoic acid, 3...	11.457	5.5	ng/ul	452523	2	10.587	1649410	20.0
Phenol, p-tert-...	11.946	10.2	ng/ul	838168	2	10.587	1649410	20.0
Indole	12.087	3.3	ng/ul	274279	2	10.587	1649410	20.0
unknown-02	13.963	11.1	ng/ul	1180570	3	14.428	2131770	20.0
Benzoic acid, p...	14.263	9.4	ng/ul	1001560	3	14.428	2131770	20.0
n-Hexadecanoic ...	18.081	9.8	ng/ul	1198510	4	17.163	2453100	20.0
Phenol, 3-(2-ph...	18.863	3.0	ng/ul	364035	4	17.163	2453100	20.0
Octadecanoic acid	19.363	4.8	ng/ul	564679	5	21.357	2363630	20.0
unknown-03	21.016	2.6	ng/ul	312679	5	21.357	2363630	20.0
Dehydroabietic ...	21.051	5.8	ng/ul	684531	5	21.357	2363630	20.0
1-Heneicosyl fo...	21.080	6.2	ng/ul	733380	5	21.357	2363630	20.0