LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018223.D
Acq On : 17 Nov 2023 16:12
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDN3

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_P\Methods\SFAM-EPA-BP111023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	9	12	18	rVB	13974	18308	0.85%	0.091%
2	3.599	85	87	97	rBV	65947	116568	5.40%	0.580%
3	3.775	114	117	121	rVB2	5892	7550	0.35%	0.038%
4	4.040	159	162	165	rVB5	2129	2656	0.12%	0.013%
5	4.416	221	226	234	rVB3	16661	26538	1.23%	0.132%
6	4.922	308	312	315	rBV5	1416	2449	0.11%	0.012%
7	5.863	467	472	473	rBV5	2130	3152	0.15%	0.016%
8	6.905	644	649	652	rBV7	1404	2884	0.13%	0.014%
9	6.969	655	660	671	rBV	33134	84188	3.90%	0.419%
10	7.134	682	688	700	rBV	252417	395010	18.28%	1.967%
11	7.305	711	717	728	rBV	241619	434561	20.11%	2.164%
12	7.381	728	730	742	rVB6	11510	21523	1.00%	0.107%
13	7.781	791	798	814	rBV	202505	372801	17.26%	1.856%
14	8.516	917	923	939	rBV	145213	310921	14.39%	1.548%
15	8.987	997	1003	1020	rBV	284127	558361	25.84%	2.780%
16	9.151	1030	1031	1037	rVB6	4117	4790	0.22%	0.024%
17	9.263	1048	1050	1060	rVB10	1897	3887	0.18%	0.019%
18	9.704	1117	1125	1142	rBV	224173	445933	20.64%	2.221%
19	9.816	1142	1144	1148	rVB5	2583	3308	0.15%	0.016%
20	10.234	1208	1215	1237	rBV	239691	570302	26.40%	2.840%
21	10.598	1270	1277	1287	rBV	274239	470237	21.77%	2.342%
22	10.781	1302	1308	1330	rBV	238280	596859	27.63%	2.972%
23	10.987	1337	1343	1355	rVB5	13478	39581	1.83%	0.197%
24	11.151	1364	1371	1385	rVB5	8456	28921	1.34%	0.144%
25	11.334	1397	1402	1405	rBV7	2434	3469	0.16%	0.017%
26	11.416	1407	1416	1425	rVV5	16847	55728	2.58%	0.277%
27	11.493	1425	1429	1433	rVV7	5259	11381	0.53%	0.057%
28	11.534	1433	1436	1443	rVB5	6346	13840	0.64%	0.069%
29	11.740	1467	1471	1474	rBV6	1887	3300	0.15%	0.016%
30	12.257	1554	1559	1562	rBV6	1853	2928	0.14%	0.015%
31	12.669	1620	1629	1630	rBV8	1383	2650	0.12%	0.013%
32	13.034	1689	1691	1696	rVB6	1844	2310	0.11%	0.012%
33	13.304	1730	1737	1744	rBV	21147	37109	1.72%	0.185%
34	13.669	1791	1799	1806	rBV	978783	1684221	77.96%	8.387%
35	13.887	1831	1836	1853	rVB	729944	1077037	49.85%	5.363%
36	14.028	1859	1860	1865	rVB5	2369	2652	0.12%	0.013%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDN3

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_P\Methods\SFAM-EPA-BP111023.MA.M
Title : SVOA CALIBRATION

37	14.163	1876	1883	1903	rBV	699454	1079693	49.97%	5.376%
38	14.463	1928	1934	1946	rVB	403391	579843	26.84%	2.887%
39	14.816	1988	1994	1997	rBV7	6866	13730	0.64%	0.068%
40	15.298	2073	2076	2080	rBV4	3138	4584	0.21%	0.023%
41	15.469	2098	2105	2113	rBV	834068	1270118	58.79%	6.325%
42	15.533	2113	2116	2126	rVB	9642	20070	0.93%	0.100%
43	15.633	2126	2133	2144	rBV	242814	453397	20.99%	2.258%
44	16.181	2223	2226	2231	rVB4	4198	5887	0.27%	0.029%
45	16.492	2276	2279	2285	rBV8	4406	9227	0.43%	0.046%
46	16.545	2285	2288	2293	rVB7	4163	5674	0.26%	0.028%
47	16.592	2293	2296	2297	rBV3	6262	6228	0.29%	0.031%
48	16.610	2297	2299	2304	rVB6	7048	9120	0.42%	0.045%
49	16.751	2319	2323	2326	rVB6	2639	3259	0.15%	0.016%
50	17.245	2401	2407	2418	rBV	525172	719723	33.31%	3.584%
51	17.345	2418	2424	2445	rVV	1113514	1624923	75.21%	8.091%
52	17.492	2446	2449	2458	rVB	5358	10504	0.49%	0.052%
53	17.763	2493	2495	2500	rVB6	2026	2199	0.10%	0.011%
54	17.880	2511	2515	2521	rVB9	7179	10508	0.49%	0.052%
55	17.980	2527	2532	2534	rBV5	2725	4014	0.19%	0.020%
56	18.104	2548	2553	2560	rBV4	24661	42113	1.95%	0.210%
57	18.192	2565	2568	2572	rVB2	4233	6330	0.29%	0.032%
58	18.316	2583	2589	2605	rBV	537783	816287	37.78%	4.065%
59	19.033	2709	2711	2714	rBV3	2934	2708	0.13%	0.013%
60	19.180	2731	2736	2740	rBV4	16497	24824	1.15%	0.124%
61	19.251	2746	2748	2754	rVB	11820	17476	0.81%	0.087%
62	19.345	2760	2764	2768	rBV6	18179	27156	1.26%	0.135%
63	19.604	2802	2808	2818	rBV	1529599	2012091	93.13%	10.019%
64	21.380	3105	3110	3122	rBV	608192	837375	38.76%	4.170%
65	23.692	3495	3503	3513	rBV2	1084411	2160504	100.00%	10.758%
66	23.851	3524	3530	3542	rVB	400712	884765	40.95%	4.406%

Sum of corrected areas: 20082243

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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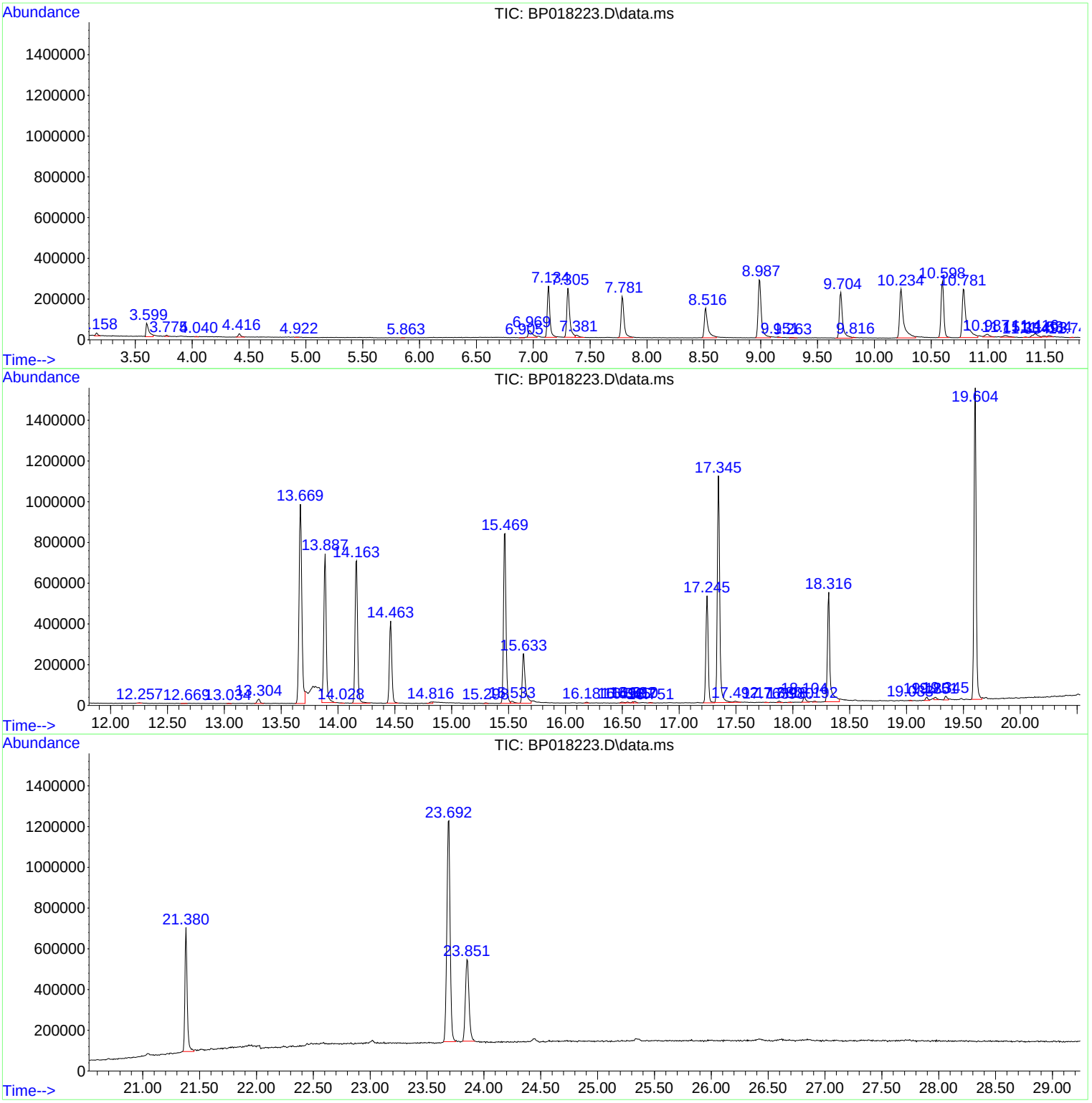
ClientSampleId :
GCDN3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

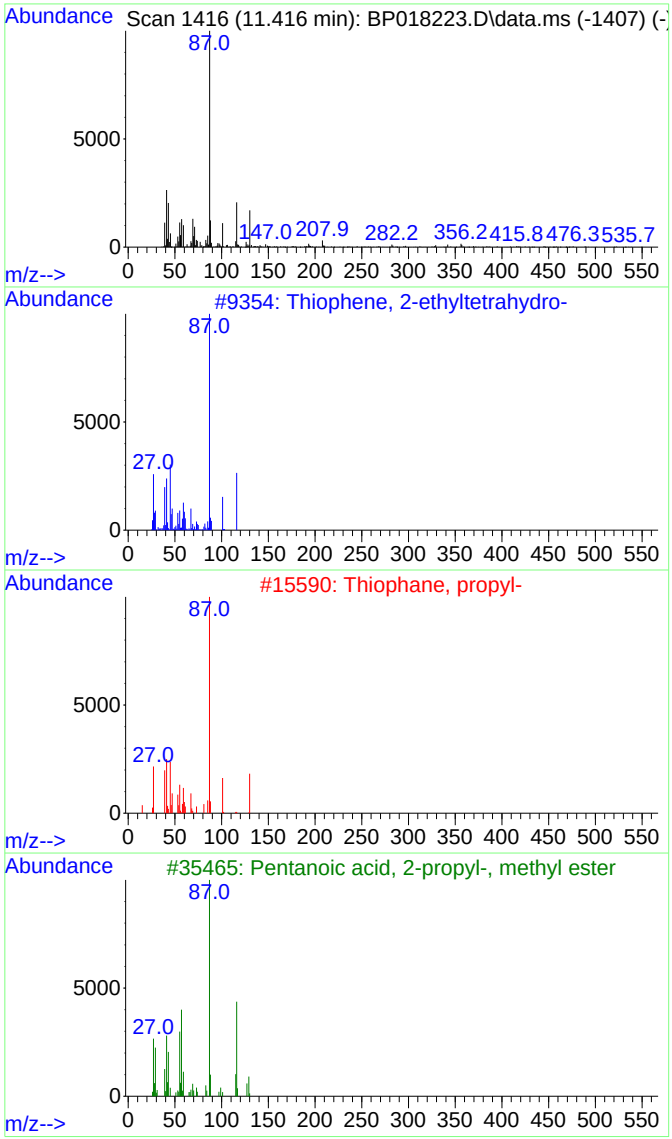
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

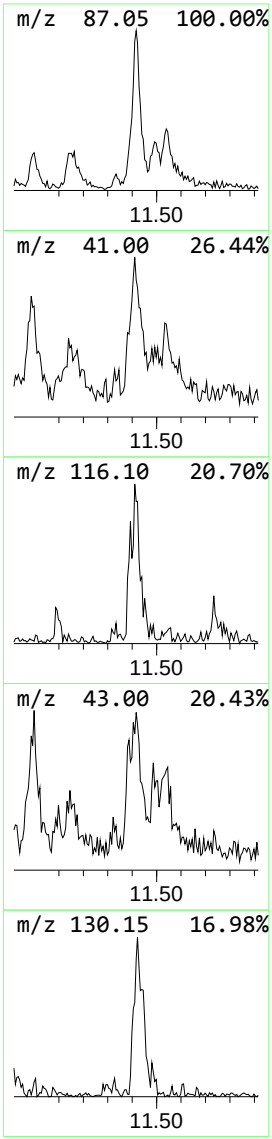
****

Peak Number 1 Thiophene, 2-ethyltetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	2.37 ng/ul	55728	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	64
2	Thiophane, propyl-	130	C7H14S	001551-34-4	53
3	Pentanoic acid, 2-propyl-, methy...	158	C9H18O2	022632-59-3	50
4	2-[2-[2-[2-(2-Butoxyethoxy)ethox...	336	C16H32O7	1000351-94-0	50
5	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	035007-52-4	50





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDN3

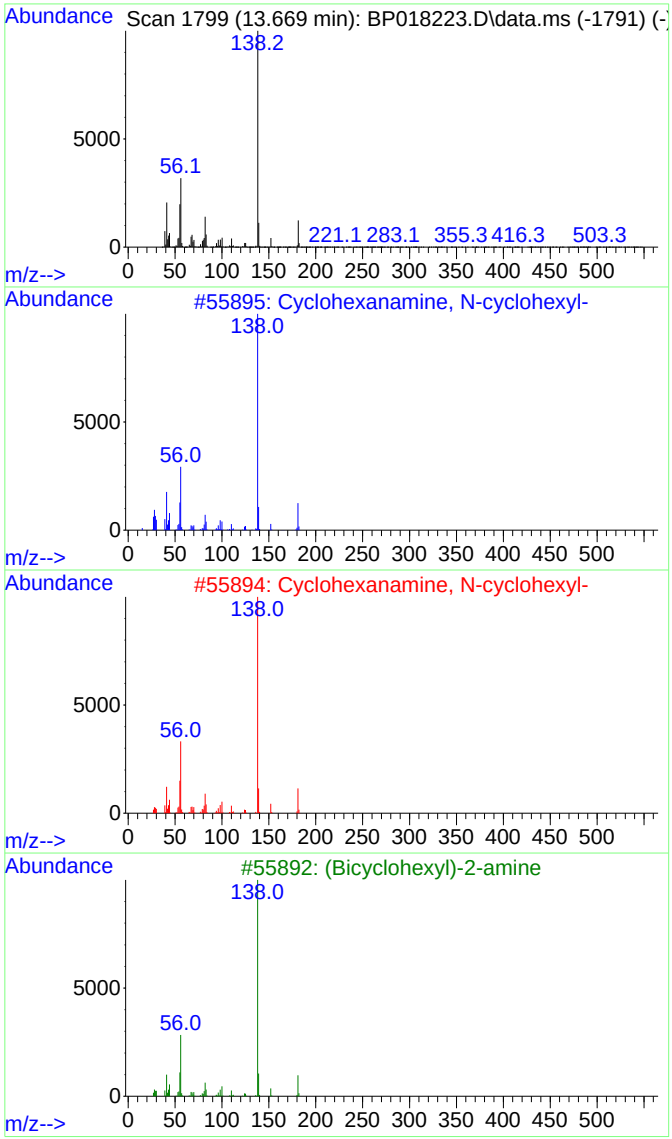
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

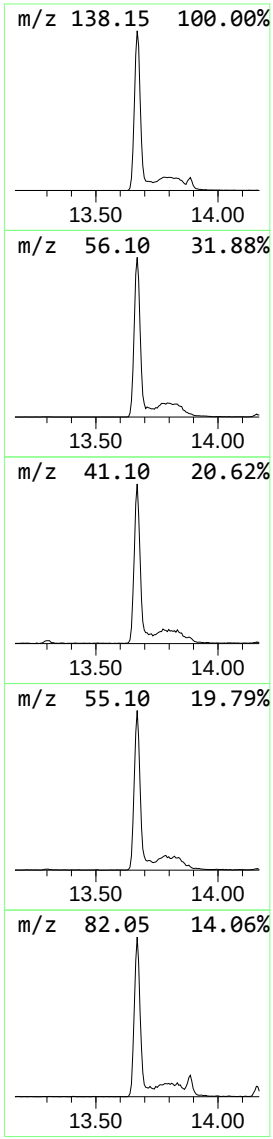
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanamine, N-cyclohexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	58.09 ng/ul	1684220	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	97
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	96
3	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	95
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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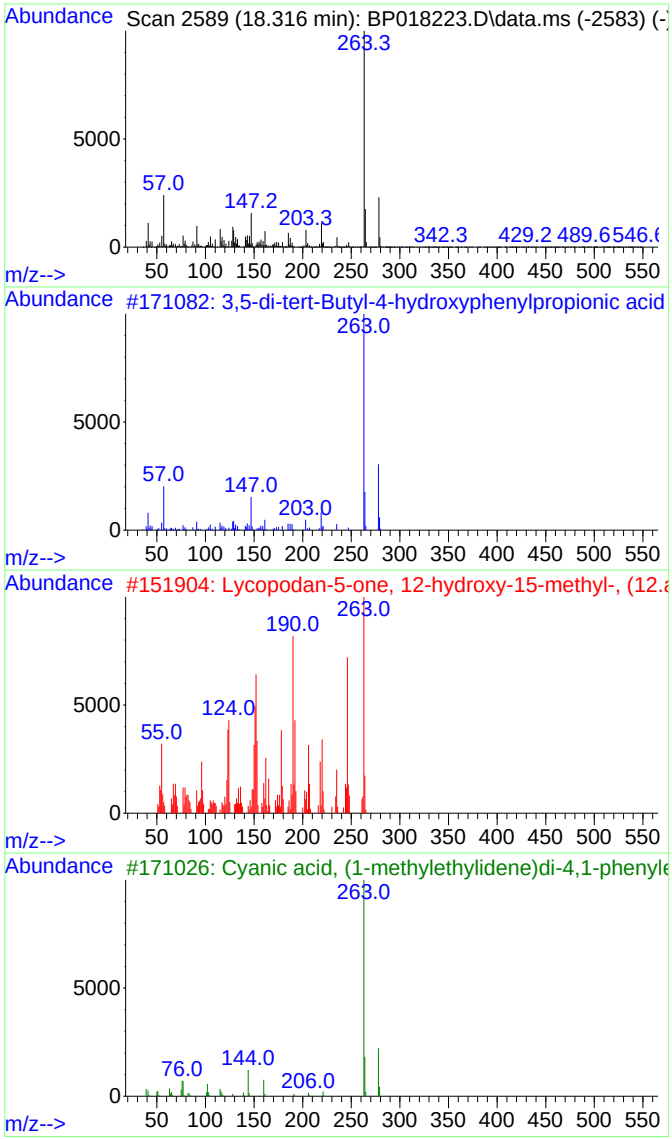
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

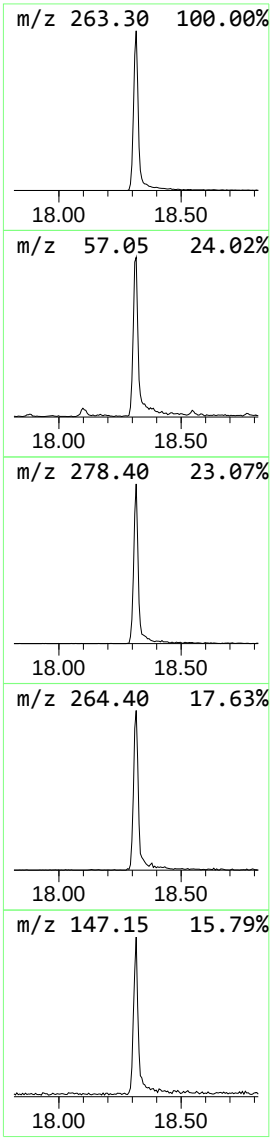
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	22.68 ng/ul	816287	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	90
3	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	68
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	64
5	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	62





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Thiophene, 2-et...	11.416	2.4	ng/ul	55728	2	10.599	470237	20.0
Cyclohexanamine...	13.669	58.1	ng/ul	1684220	3	14.463	579843	20.0
3,5-di-tert-But...	18.316	22.7	ng/ul	816287	4	17.245	719723	20.0