LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018202.D
Acq On : 16 Nov 2023 07:47
Operator : MA/JU
Sample : 05338-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCDM4

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: BP018202.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	17	rBV	15086	16740	0.66%	0.082%
2	3.605	84	88	98	rBV	57906	115488	4.55%	0.565%
3	3.775	114	117	122	rVB4	6064	8897	0.35%	0.043%
4	4.417	222	226	232	rVB8	6343	10978	0.43%	0.054%
5	4.499	238	240	247	rVB7	1739	3593	0.14%	0.018%
6	6.964	652	659	672	rBV	50980	119916	4.73%	0.586%
7	7.134	682	688	700	rBV	236862	385906	15.22%	1.887%
8	7.305	711	717	739	rVB	253250	453500	17.88%	2.217%
9	7.781	792	798	815	rBV	226328	401243	15.82%	1.962%
10	7.893	815	817	823	rVB7	2029	3673	0.14%	0.018%
11	8.511	915	922	943	rBV	166114	361201	14.24%	1.766%
12	8.987	997	1003	1026	rBV	290498	556103	21.93%	2.719%
13	9.158	1028	1032	1037	rVB8	4873	8160	0.32%	0.040%
14	9.705	1115	1125	1141	rBV	239832	481594	18.99%	2.354%
15	9.875	1152	1154	1162	rVB9	1522	3738	0.15%	0.018%
16	10.234	1207	1215	1237	rBV	269689	621905	24.52%	3.040%
17	10.599	1270	1277	1290	rBV	307465	516191	20.35%	2.524%
18	10.787	1301	1309	1326	rBV	151915	405121	15.97%	1.981%
19	10.981	1337	1342	1351	rVB	8608	20469	0.81%	0.100%
20	11.093	1357	1361	1364	rVB6	2929	3892	0.15%	0.019%
21	11.128	1364	1367	1368	rBV2	5951	5373	0.21%	0.026%
22	11.322	1397	1400	1405	rVV7	2788	4739	0.19%	0.023%
23	11.404	1411	1414	1423	rVB4	13178	24677	0.97%	0.121%
24	11.481	1423	1427	1431	rVV6	5288	8228	0.32%	0.040%
25	11.528	1432	1435	1443	rVB7	7533	12255	0.48%	0.060%
26	12.110	1529	1534	1538	rVB7	1546	3131	0.12%	0.015%
27	12.151	1538	1541	1544	rBV4	1818	2569	0.10%	0.013%
28	12.240	1552	1556	1558	rBV4	2684	4114	0.16%	0.020%
29	13.298	1731	1736	1744	rBV4	17395	28218	1.11%	0.138%
30	13.669	1793	1799	1805	rBV	395379	661125	26.07%	3.232%
31	13.757	1806	1814	1816	rVV6	28722	80815	3.19%	0.395%
32	13.887	1830	1836	1854	rVB	749719	1107077	43.65%	5.412%
33	14.069	1861	1867	1871	rVB8	1823	3429	0.14%	0.017%
34	14.157	1875	1882	1894	rBV	731603	1108134	43.69%	5.418%
35	14.463	1926	1934	1943	rBV	431490	640597	25.26%	3.132%
36	14.669	1963	1969	1971	rBV6	2411	3534	0.14%	0.017%

LSC Area Percent Report

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Sample : 05338-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDM4

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	14.793	1981	1990	1996	rBV5	13885	41661	1.64%	0.204%
38	14.875	2002	2004	2009	rVB6	2904	3686	0.15%	0.018%
39	15.104	2040	2043	2046	rVB3	5797	6587	0.26%	0.032%
40	15.210	2058	2061	2064	rVB5	2620	3397	0.13%	0.017%
41	15.463	2098	2104	2113	rBV	998137	1465421	57.78%	7.164%
42	15.628	2127	2132	2144	rBV	323876	541311	21.34%	2.646%
43	15.710	2144	2146	2155	rVB9	10770	19214	0.76%	0.094%
44	15.881	2170	2175	2179	rBV6	5307	9555	0.38%	0.047%
45	15.922	2179	2182	2185	rVV5	3973	4861	0.19%	0.024%
46	15.951	2185	2187	2193	rVB7	2133	3222	0.13%	0.016%
47	16.181	2222	2226	2232	rBV	8856	14826	0.58%	0.072%
48	16.281	2237	2243	2247	rBV	19739	31114	1.23%	0.152%
49	16.334	2247	2252	2258	rVV3	26223	51591	2.03%	0.252%
50	16.398	2258	2263	2268	rVV3	19527	35618	1.40%	0.174%
51	16.440	2268	2270	2275	rVB	14541	16332	0.64%	0.080%
52	16.498	2275	2280	2282	rBV5	6582	10944	0.43%	0.054%
53	16.545	2286	2288	2292	rVB3	8630	9360	0.37%	0.046%
54	16.598	2292	2297	2304	rBV5	19578	40195	1.58%	0.197%
55	16.669	2305	2309	2314	rBV	16440	25240	1.00%	0.123%
56	16.745	2319	2322	2328	rVB	10890	15997	0.63%	0.078%
57	16.916	2349	2351	2356	rVB5	2890	4027	0.16%	0.020%
58	16.998	2362	2365	2369	rVB6	1950	2919	0.12%	0.014%
59	17.057	2369	2375	2377	rBV5	2295	3944	0.16%	0.019%
60	17.245	2400	2407	2417	rBV	562305	797458	31.44%	3.899%
61	17.345	2417	2424	2442	rVV	1239341	1825098	71.96%	8.923%
62	17.492	2446	2449	2451	rBV4	2930	3276	0.13%	0.016%
63	17.775	2495	2497	2502	rBV6	1999	2603	0.10%	0.013%
64	17.881	2509	2515	2522	rBV2	64785	87008	3.43%	0.425%
65	18.051	2542	2544	2548	rBV4	2617	3354	0.13%	0.016%
66	18.098	2548	2552	2559	rVV3	28392	46035	1.82%	0.225%
67	18.192	2564	2568	2572	rVV7	5596	6790	0.27%	0.033%
68	18.269	2577	2581	2582	rBV4	3991	5194	0.20%	0.025%
69	18.304	2582	2587	2601	rBV	121956	198849	7.84%	0.972%
70	18.598	2634	2637	2639	rBV4	3021	3803	0.15%	0.019%
71	19.175	2731	2735	2738	rBV3	16377	19475	0.77%	0.095%
72	19.228	2738	2744	2746	rBV5	27763	41895	1.65%	0.205%
73	19.345	2759	2764	2772	rBV8	19722	35593	1.40%	0.174%
74	19.475	2783	2786	2792	rBV8	9965	12376	0.49%	0.061%
75	19.598	2802	2807	2818	rBV	1717266	2280554	89.92%	11.149%
76	20.510	2958	2962	2966	rBV2	41219	52478	2.07%	0.257%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05338-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCDM4

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

77	21.375	3104	3109	3120	rBV2	678182	936892	36.94%	4.580%
78	23.680	3493	3501	3514	rVB2	1273231	2536294	100.00%	12.400%
79	23.845	3523	3529	3543	rVB	481560	1002225	39.52%	4.900%

Sum of corrected areas: 20454595

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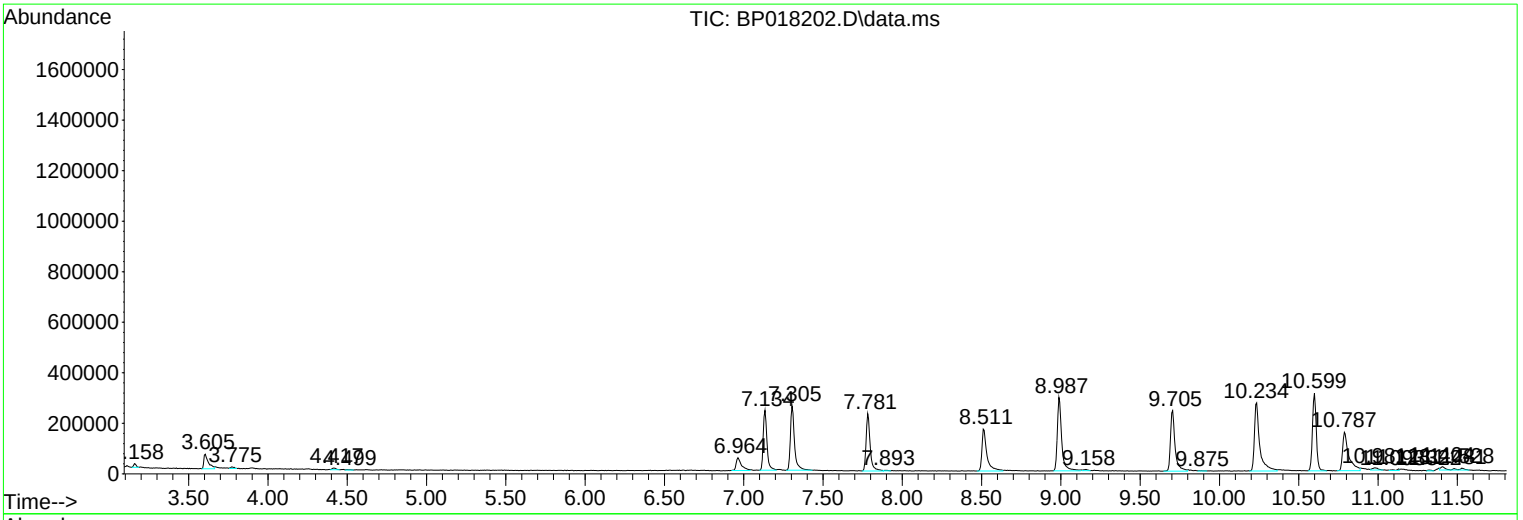
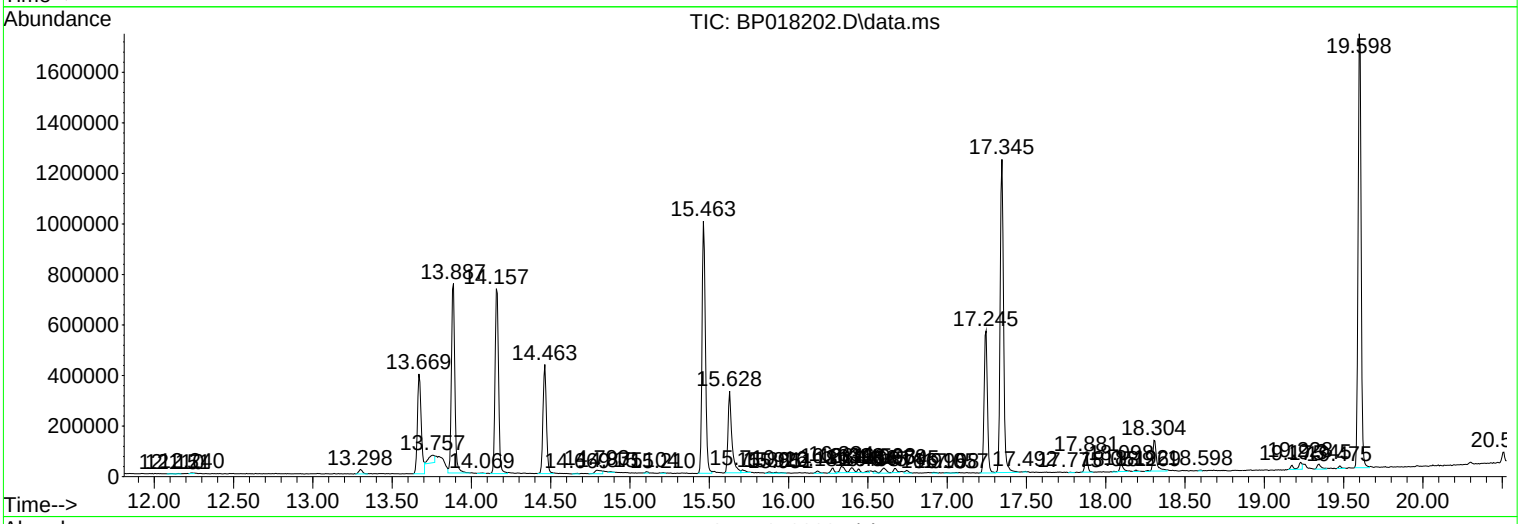
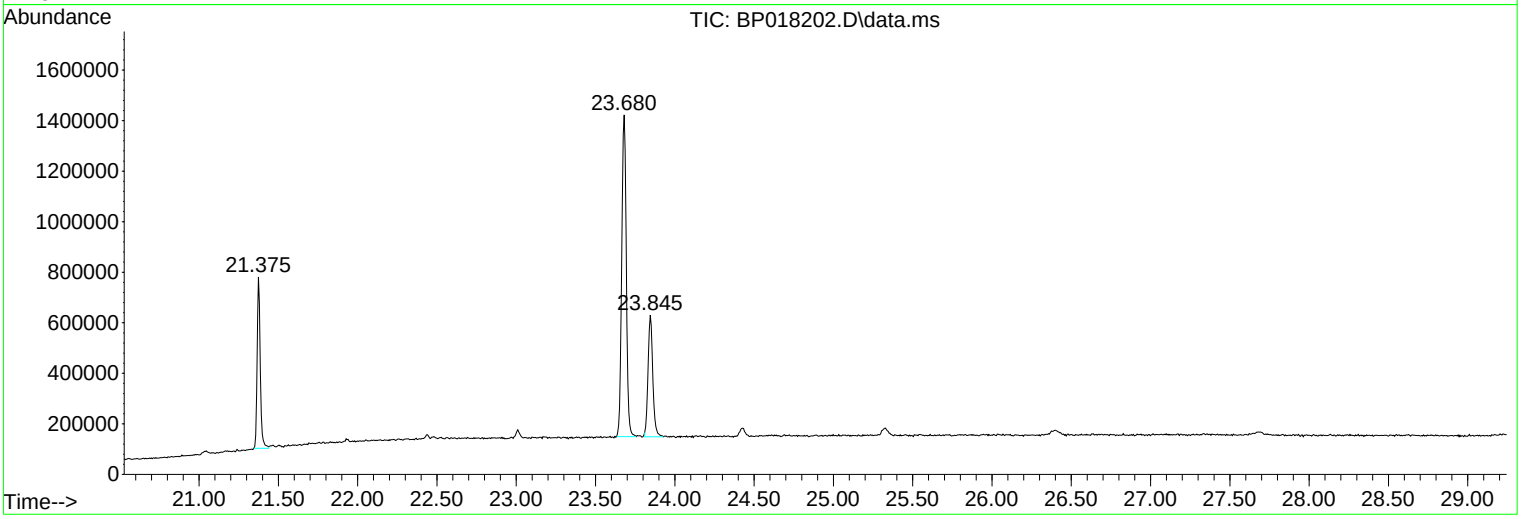
Instrument :
BNA_P
ClientSampleId :
GCDM4

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDM4

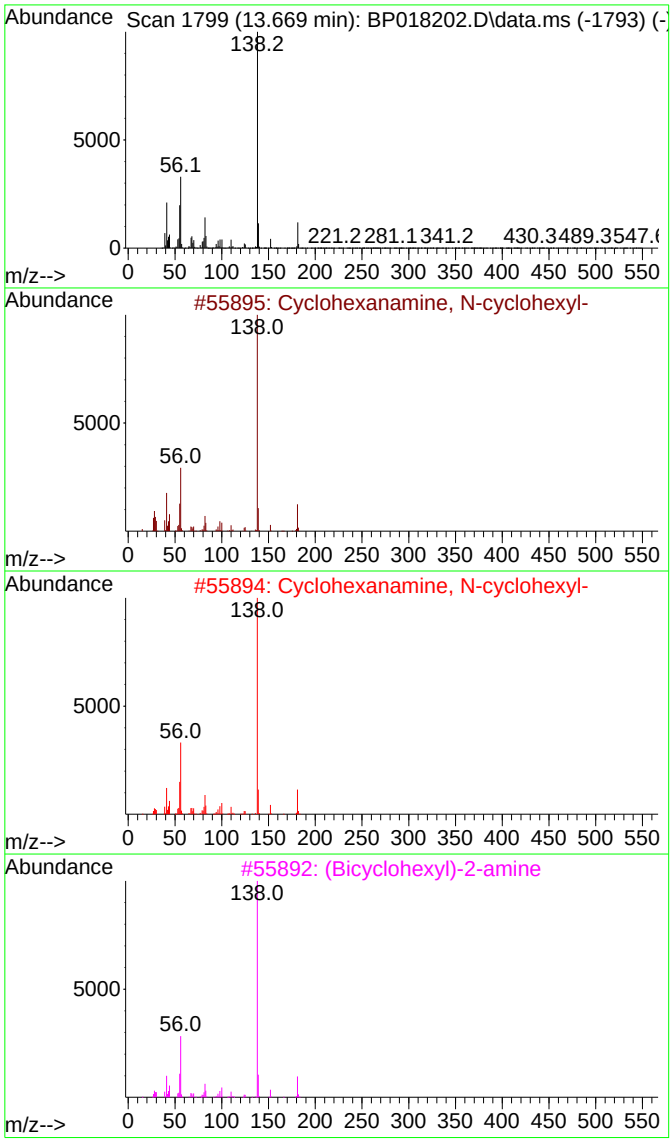
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

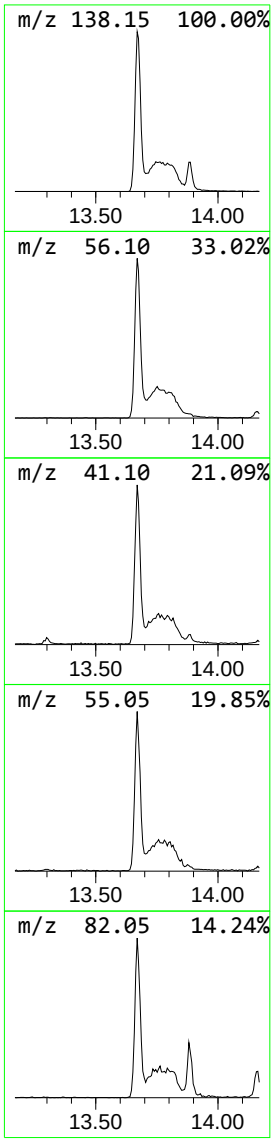
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	20.64 ng/ul	661125	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	97
3	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	91
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	90
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	87





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDM4

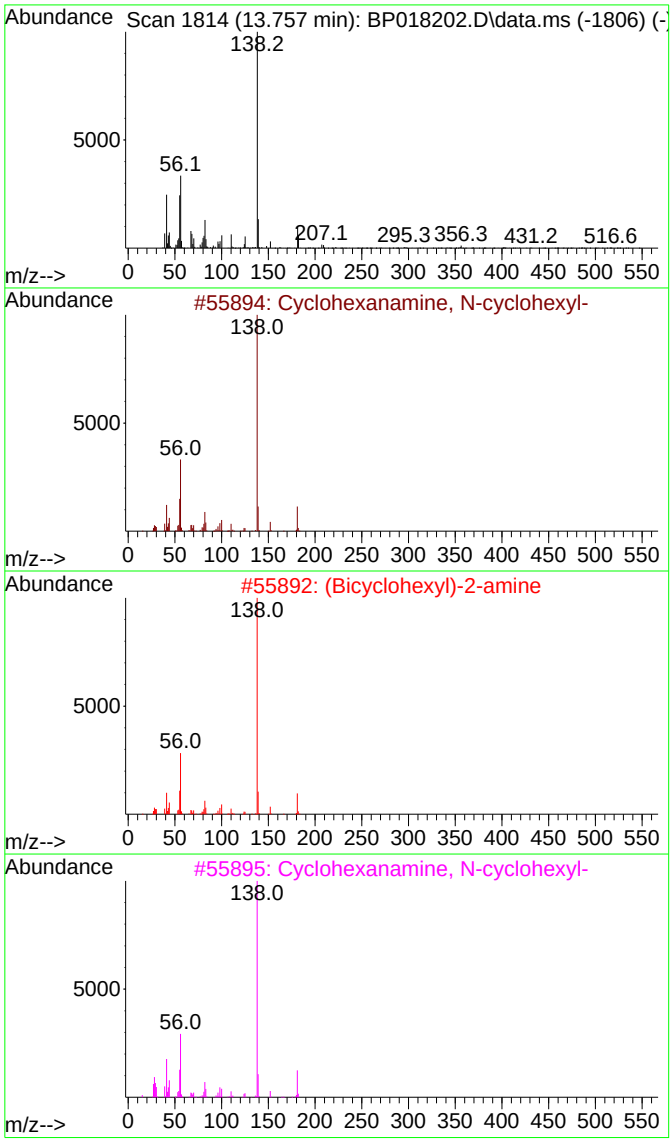
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

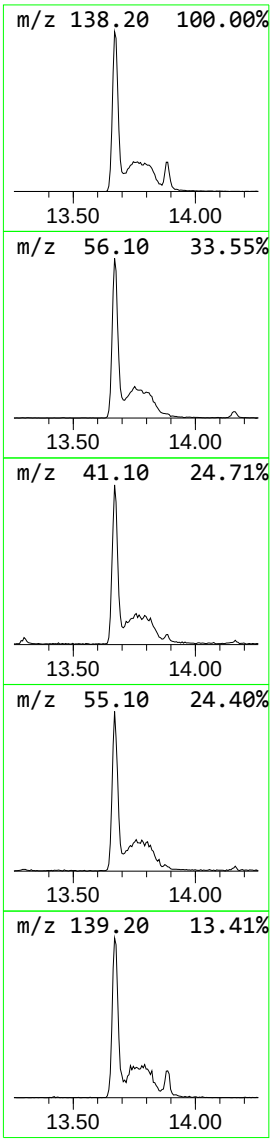
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (Bicyclohexyl)-2-amine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.52 ng/ul	80815	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	90
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	90
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	87
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	87
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	86





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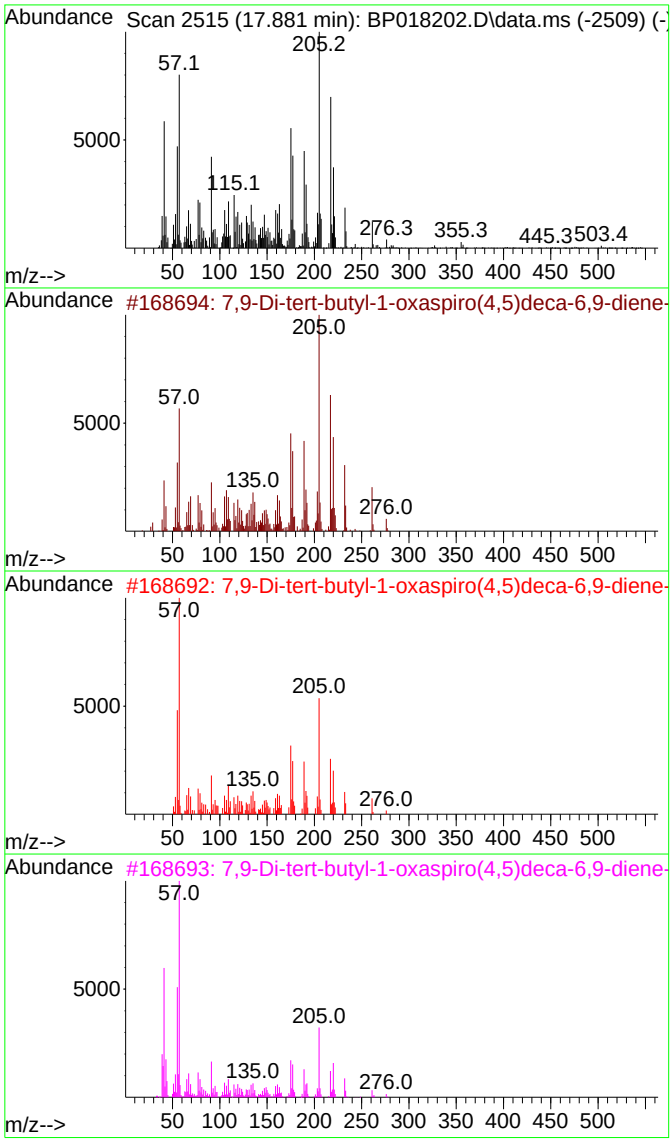
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

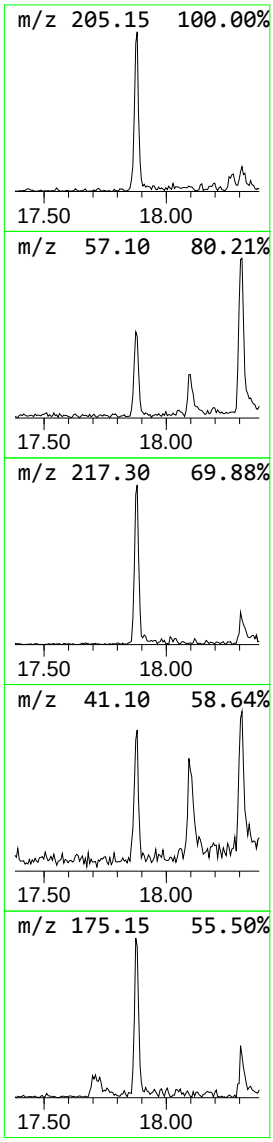
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	2.18 ng/ul	87008	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	(1R,3aR,5aR,9aS)-1,4,4,7-Tetrame...	220	C15H24O	104188-25-2	42





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ALS Vial : 29 Sample Multiplier: 1

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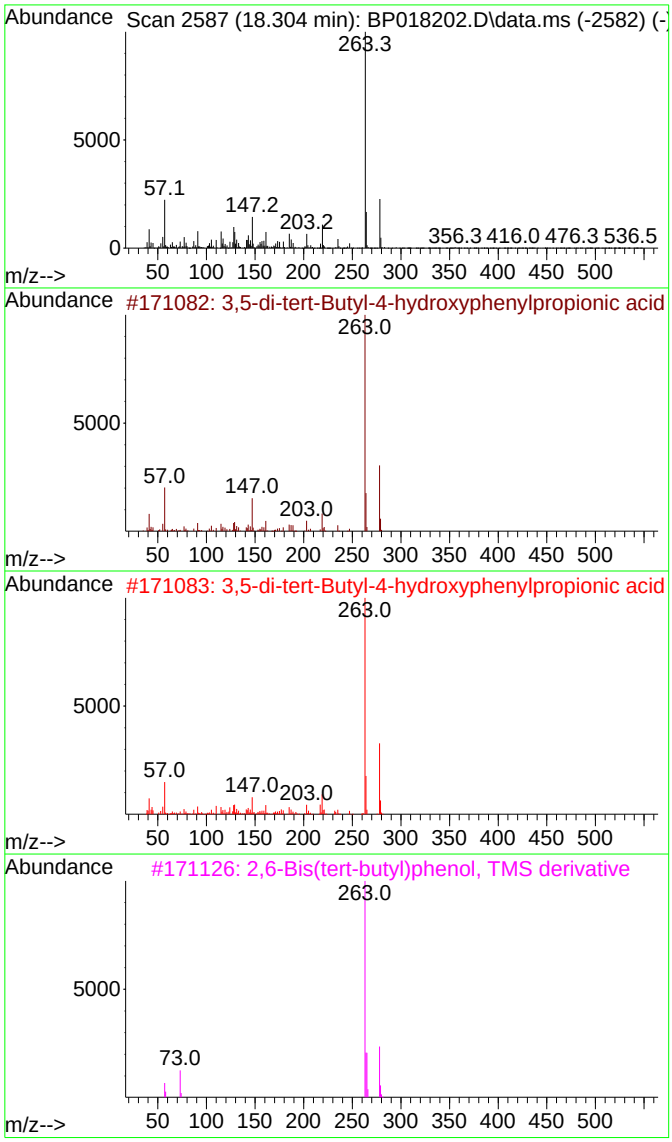
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

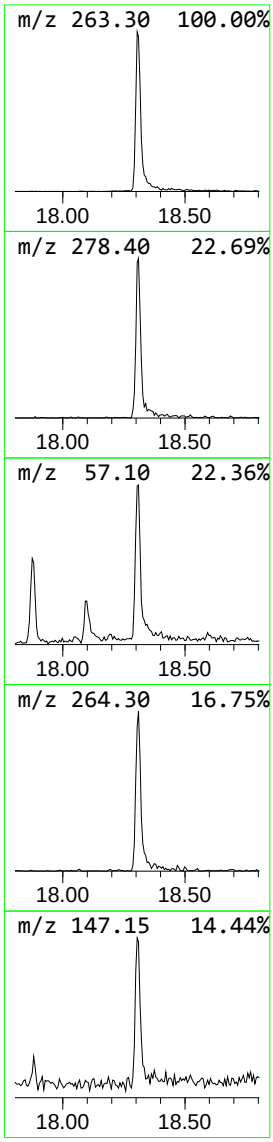
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	4.99 ng/ul	198849	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	96
2	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
3	2,6-Bis(tert-butyl)phenol, TMS d...	278	C17H30OSi	010416-73-6	64
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	55
5	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	50





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexanamine...	13.669	20.6	ng/ul	661125	3	14.463	640597	20.0
(Bicyclohexyl)-...	13.757	2.5	ng/ul	80815	3	14.463	640597	20.0
7,9-Di-tert-but...	17.881	2.2	ng/ul	87008	4	17.245	797458	20.0
3,5-di-tert-But...	18.304	5.0	ng/ul	198849	4	17.245	797458	20.0