LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

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\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	23	26	33	rVB	18042	25075	0.24%	0.028%
2	3.764	129	132	140	rVB4	10490	18021	0.17%	0.020%
3	4.222	206	210	219	rVB4	14536	22455	0.22%	0.025%
4	5.687	452	459	475	rBV	751053	1167296	11.18%	1.298%
5	6.281	555	560	565	rBV7	8252	17160	0.16%	0.019%
6	6.657	619	624	626	rBV4	7960	12127	0.12%	0.013%
7	6.740	634	638	642	rBV5	8308	13913	0.13%	0.015%
8	6.805	642	649	664	rVB	315336	554721	5.31%	0.617%
9	6.963	670	676	693	rVB	1076475	1635805	15.67%	1.819%
10	7.157	703	709	722	rBV	1055722	1706630	16.35%	1.897%
11	7.322	732	737	744	rVB7	5138	11622	0.11%	0.013%
12	7.622	782	788	795	rBV	893285	1463501	14.02%	1.627%
13	7.687	795	799	810	rVB	75321	144626	1.39%	0.161%
14	8.252	889	895	900	rBV4	12670	30727	0.29%	0.034%
15	8.334	903	909	920	rBV	882740	1458886	13.98%	1.622%
16	8.451	925	929	940	rVB2	28471	53405	0.51%	0.059%
17	8.716	968	974	979	rBV	210003	336049	3.22%	0.374%
18	8.781	979	985	1006	rVV	1305389	2212270	21.20%	2.459%
19	8.946	1008	1013	1025	rVB2	45879	85088	0.82%	0.095%
20	9.351	1077	1082	1088	rVB4	9029	18785	0.18%	0.021%
21	9.498	1100	1107	1117	rBV	1082598	1774154	17.00%	1.972%
22	9.657	1128	1134	1145	rBV2	115096	270576	2.59%	0.301%
23	9.757	1147	1151	1158	rVB4	13072	25502	0.24%	0.028%
24	9.904	1168	1176	1182	rBV	45279	72424	0.69%	0.081%
25	10.034	1191	1198	1217	rBV	1500929	2614494	25.05%	2.907%
26	10.193	1219	1225	1231	rVB7	11569	21075	0.20%	0.023%
27	10.328	1242	1248	1255	rBV	73682	142415	1.36%	0.158%
28	10.404	1255	1261	1269	rVV	1494029	2412491	23.11%	2.682%
29	10.463	1269	1271	1277	rVB3	19281	26829	0.26%	0.030%
30	10.951	1349	1354	1360	rBV6	5832	12001	0.11%	0.013%
31	11.222	1389	1400	1417	rBV	77652	190034	1.82%	0.211%
32	11.587	1457	1462	1468	rBV4	11709	17974	0.17%	0.020%
33	11.716	1477	1484	1495	rBV	134333	260923	2.50%	0.290%
34	11.922	1514	1519	1523	rVB3	7453	10737	0.10%	0.012%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

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\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

35	12.010	1526	1534	1541	rVB	21958	37740	0.36%	0.042%
36	12.169	1556	1561	1566	rBV2	7537	11859	0.11%	0.013%
37	12.328	1584	1588	1596	rVB4	6721	10682	0.10%	0.012%
38	12.545	1621	1625	1633	rBV5	24573	55185	0.53%	0.061%
39	12.622	1633	1638	1648	rBV	113683	208068	1.99%	0.231%
40	12.734	1653	1657	1664	rVB	9966	19165	0.18%	0.021%
41	12.875	1674	1681	1693	rBV	223563	351893	3.37%	0.391%
42	13.122	1718	1723	1728	rBV	110262	157824	1.51%	0.175%
43	13.204	1728	1737	1753	rVB	320215	561526	5.38%	0.624%
44	13.504	1784	1788	1793	rBV3	8110	11601	0.11%	0.013%
45	13.692	1812	1820	1833	rBV	3344629	4824189	46.22%	5.363%
46	13.975	1860	1868	1876	rBV	3673721	5558453	53.26%	6.179%
47	14.157	1894	1899	1904	rBV3	11811	20597	0.20%	0.023%
48	14.281	1911	1920	1931	rBV2	2328187	3459869	33.15%	3.846%
49	14.369	1931	1935	1939	rVB	27492	36539	0.35%	0.041%
50	14.510	1954	1959	1980	rVV	205350	450783	4.32%	0.501%
51	14.881	2017	2022	2028	rBV	11844	20119	0.19%	0.022%
52	14.963	2031	2036	2043	rBV	82731	136618	1.31%	0.152%
53	15.086	2052	2057	2069	rVB2	102624	173138	1.66%	0.192%
54	15.281	2083	2090	2105	rBV	5000590	7082577	67.86%	7.874%
55	15.422	2107	2114	2126	rVV	1627328	2359003	22.60%	2.622%
56	15.522	2126	2131	2136	rVB3	60489	100957	0.97%	0.112%
57	15.651	2149	2153	2159	rBV	30072	41870	0.40%	0.047%
58	16.304	2260	2264	2269	rBV3	7798	11615	0.11%	0.013%
59	16.828	2349	2353	2357	rVB2	7838	10981	0.11%	0.012%
60	17.039	2382	2389	2399	rBV2	2963770	4220952	40.44%	4.692%
61	17.139	2399	2406	2422	rVV	5456557	7903695	75.73%	8.786%
62	17.327	2434	2438	2442	rVB	14298	19108	0.18%	0.021%
63	17.710	2498	2503	2509	rBV	1342385	1548227	14.83%	1.721%
64	17.880	2528	2532	2537	rVB	11946	15780	0.15%	0.018%
65	17.939	2538	2542	2550	rBV2	33605	55781	0.53%	0.062%
66	18.010	2550	2554	2557	rBV	24912	31008	0.30%	0.034%
67	18.192	2581	2585	2589	rVB2	23578	26656	0.26%	0.030%
68	19.080	2731	2736	2741	rBV	53616	72018	0.69%	0.080%
69	19.233	2759	2762	2770	rBV5	15650	29353	0.28%	0.033%
70	19.333	2775	2779	2786	rVV	49742	65529	0.63%	0.073%
71	19.451	2792	2799	2820	rBV	6661611	9290313	89.01%	10.328%

LSC Area Percent Report

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Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

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\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

72	20.369	2952	2955	2958	rBV4	16732	17537	0.17%	0.019%
73	20.974	3055	3058	3063	rBV6	13732	19492	0.19%	0.022%
74	21.045	3066	3070	3075	rVV4	16630	30641	0.29%	0.034%
75	21.257	3101	3106	3120	rBV2	3591753	4882065	46.78%	5.427%
76	21.416	3130	3133	3137	rVB	30223	36996	0.35%	0.041%
77	21.845	3203	3206	3211	rBV	52881	61816	0.59%	0.069%
78	22.304	3279	3284	3298	rBV	313136	522637	5.01%	0.581%
79	22.433	3304	3306	3312	rVB2	41119	46845	0.45%	0.052%
80	22.810	3365	3370	3377	rVB	138015	188730	1.81%	0.210%
81	23.357	3454	3463	3477	rBV	5223077	10437219	100.00%	11.603%
82	23.492	3478	3486	3500	rVB	2868854	5341280	51.18%	5.938%
83	24.004	3568	3573	3581	rVB	156017	267787	2.57%	0.298%
84	24.733	3692	3697	3710	rVB	122075	268904	2.58%	0.299%

Sum of corrected areas: 89953011

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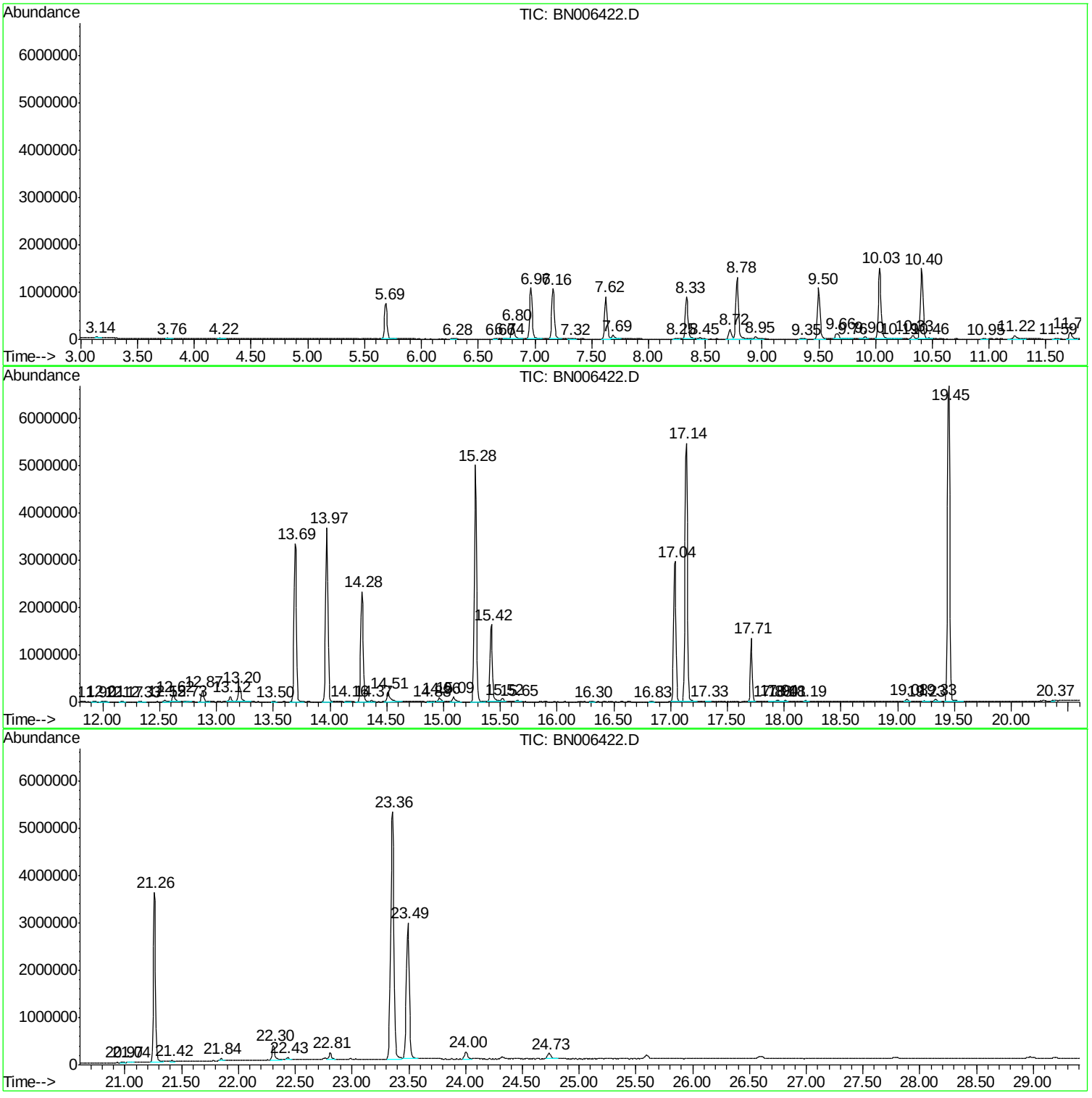
Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006422.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_N
ClientSampleId : A4240

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Quant Title : SVOA CALIBRATION

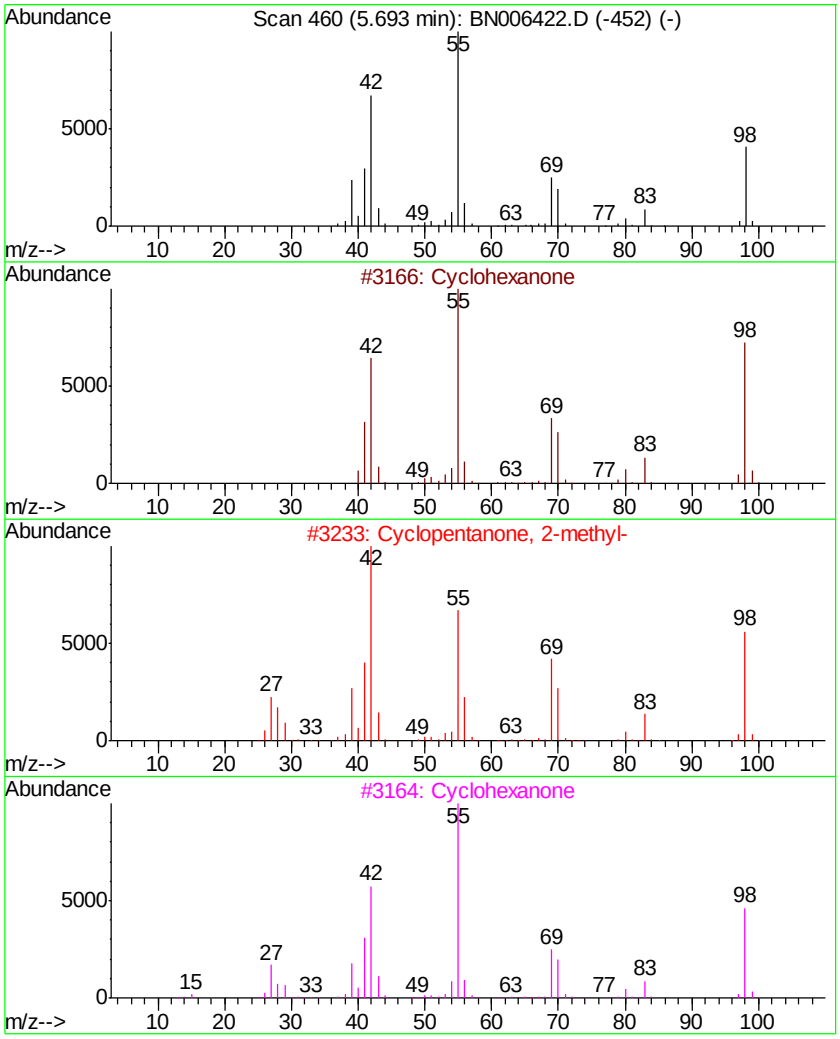
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

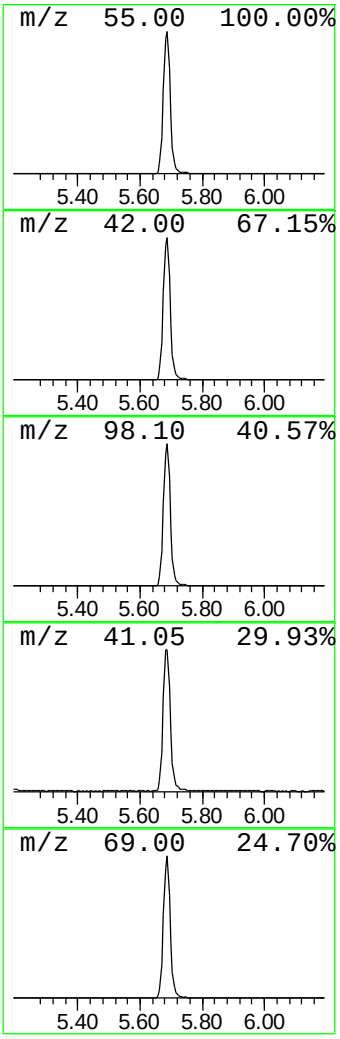
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	15.95 ng/ul	1167300	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	93
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

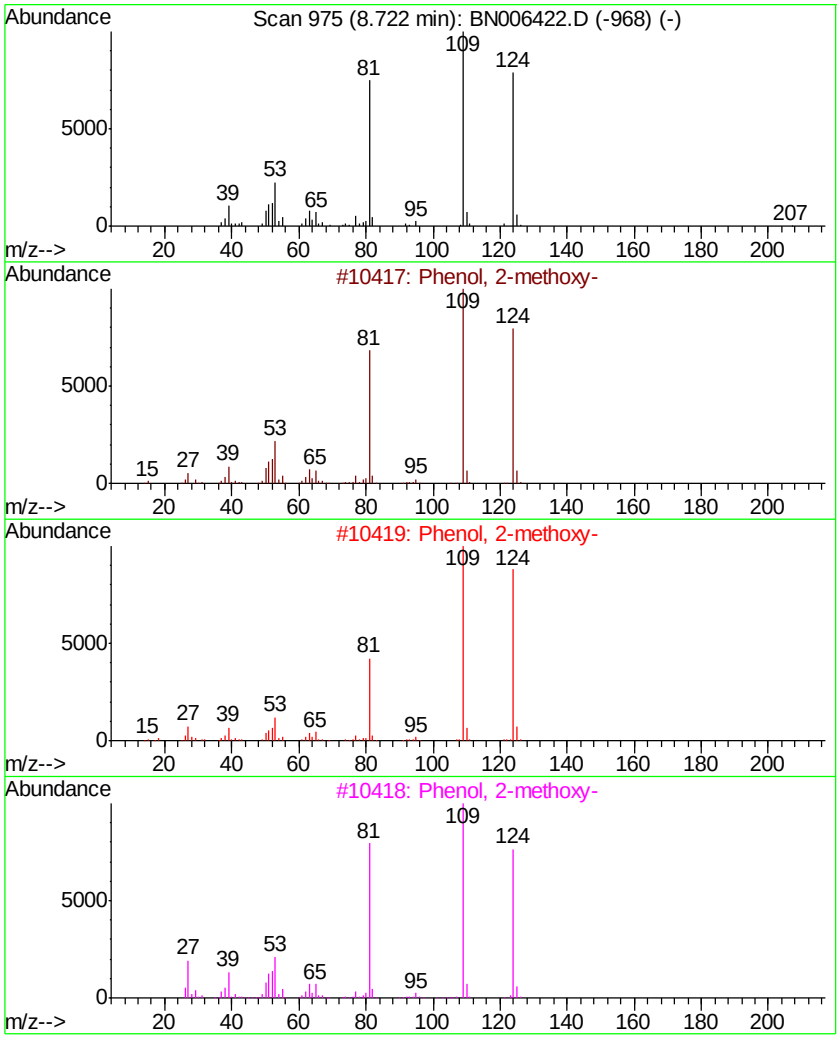
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

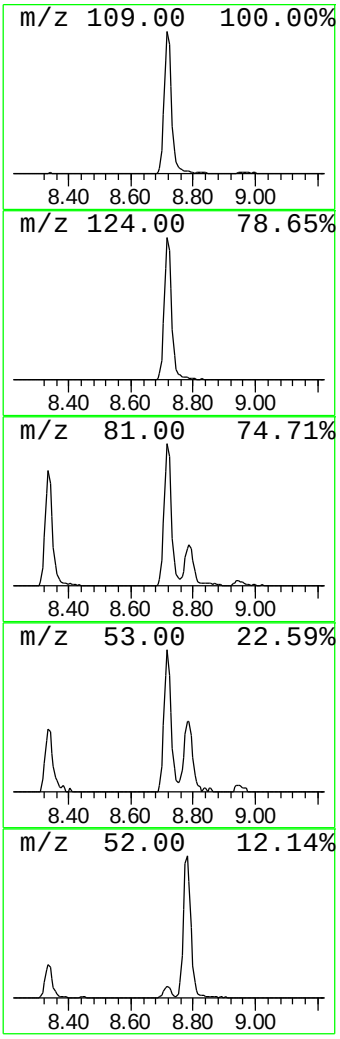
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	4.59 ng/ul	336049	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

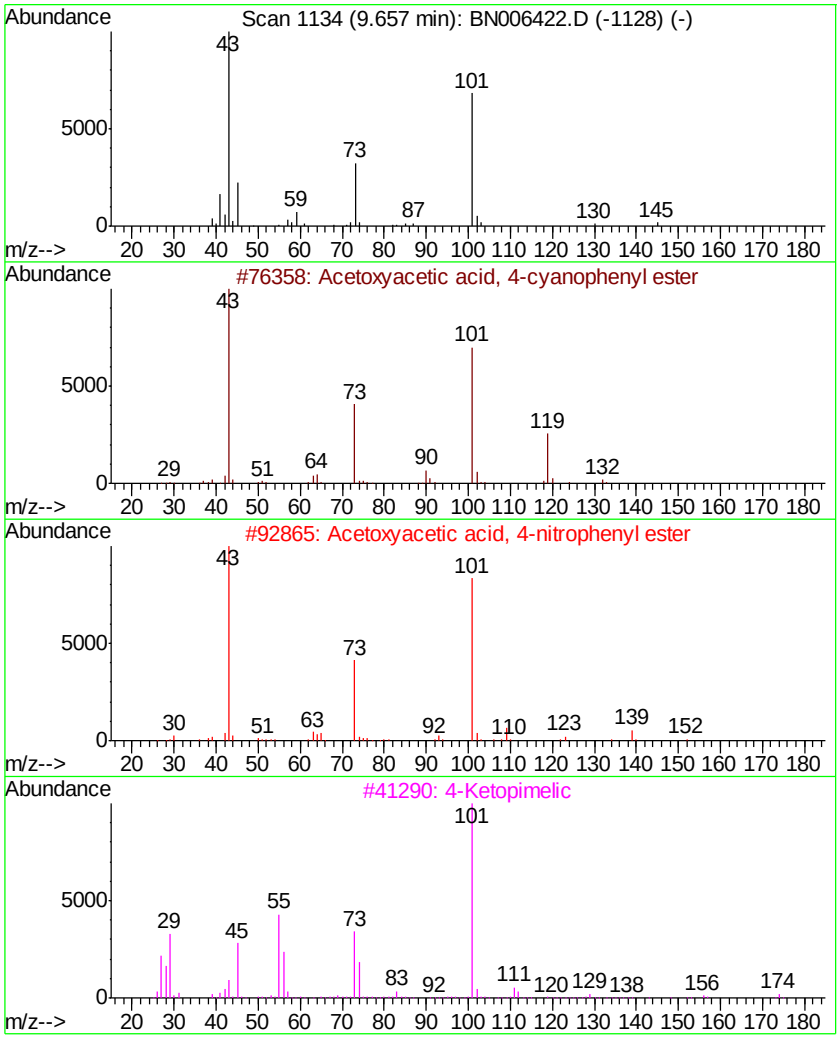
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

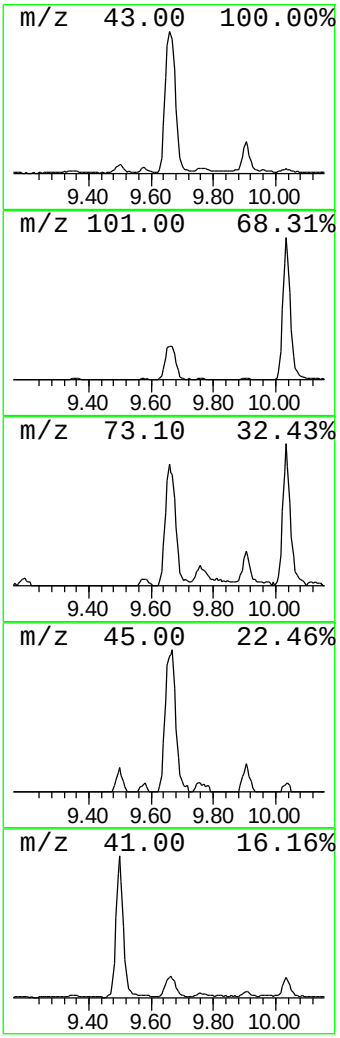
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.24 ng/ul	270576	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoxyacetic acid, 4-cyanophenyl...	219	C11H9NO4	1000307-54-3	42
2	Acetoxyacetic acid, 4-nitrophenyl...	239	C10H9NO6	1000307-54-5	42
3	4-Ketopimelic	174	C7H10O5	000502-50-1	36
4	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	36
5	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	25





Library Search Compound Report

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Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
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Misc :
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Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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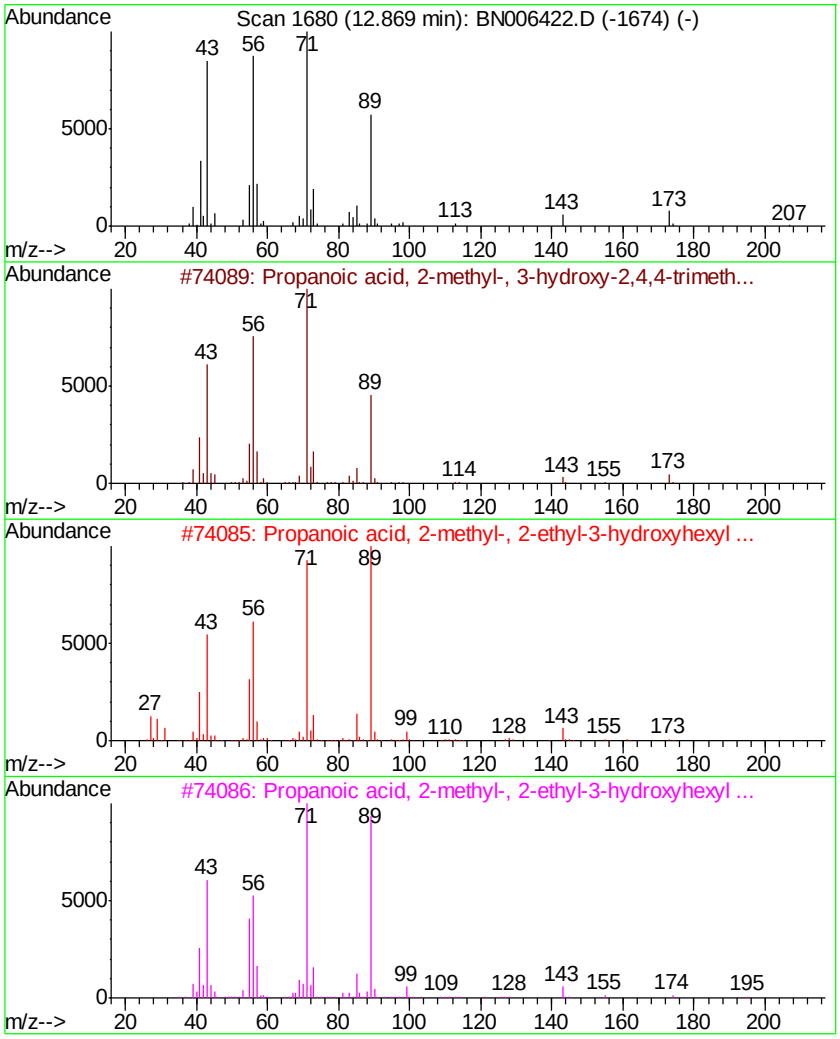
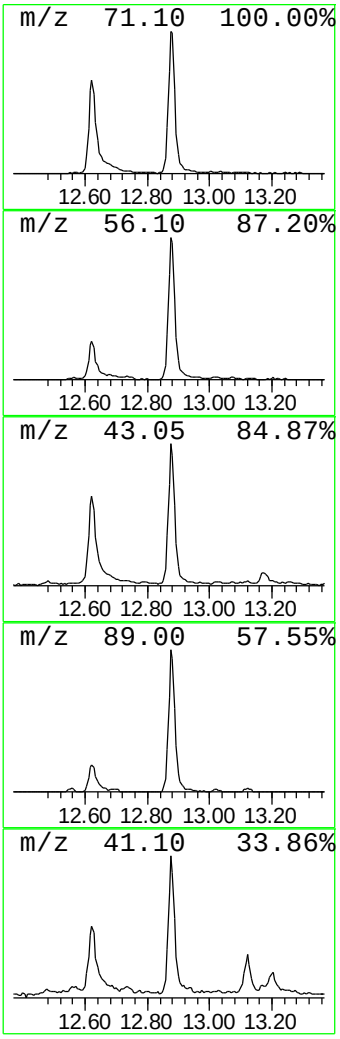
Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.03 ng/ul	351893	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	90
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56
5	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	43





Library Search Compound Report

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Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

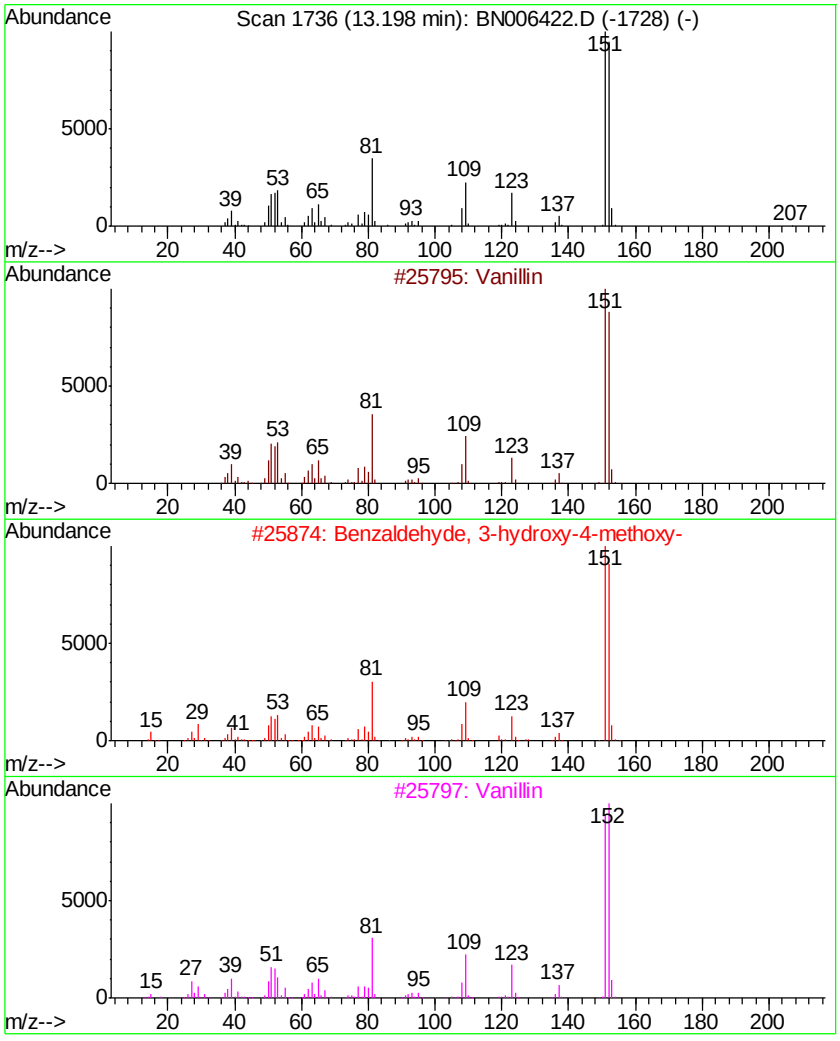
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

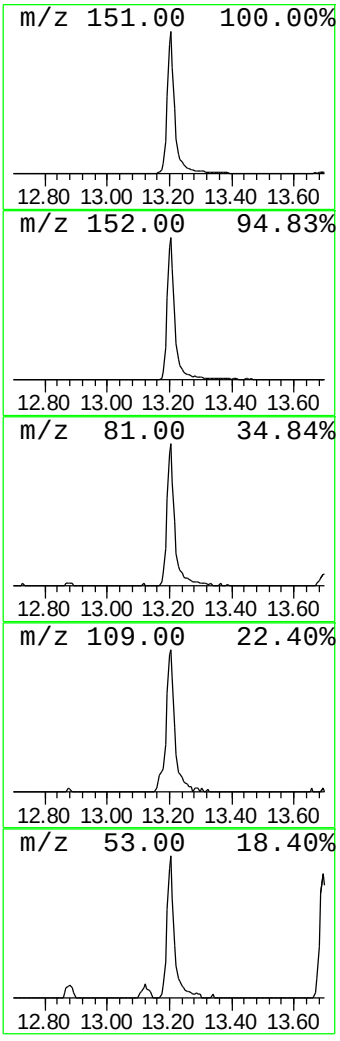
****

Peak Number 5 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.25 ng/ul	561526	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Vanillin	152	C8H8O3	000121-33-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

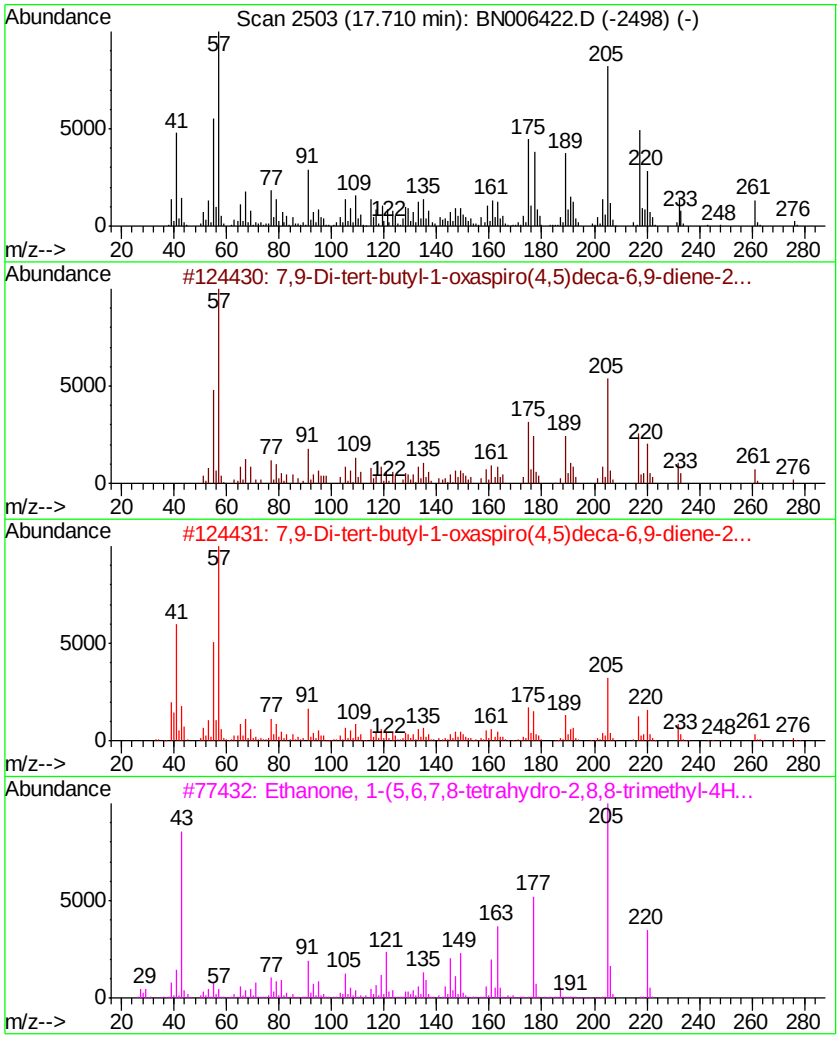
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

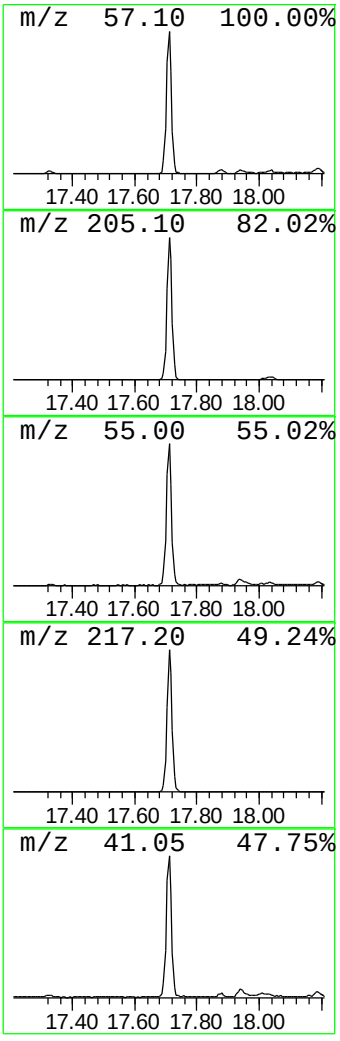
****

Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	7.34 ng/ul	1548230	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38





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Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

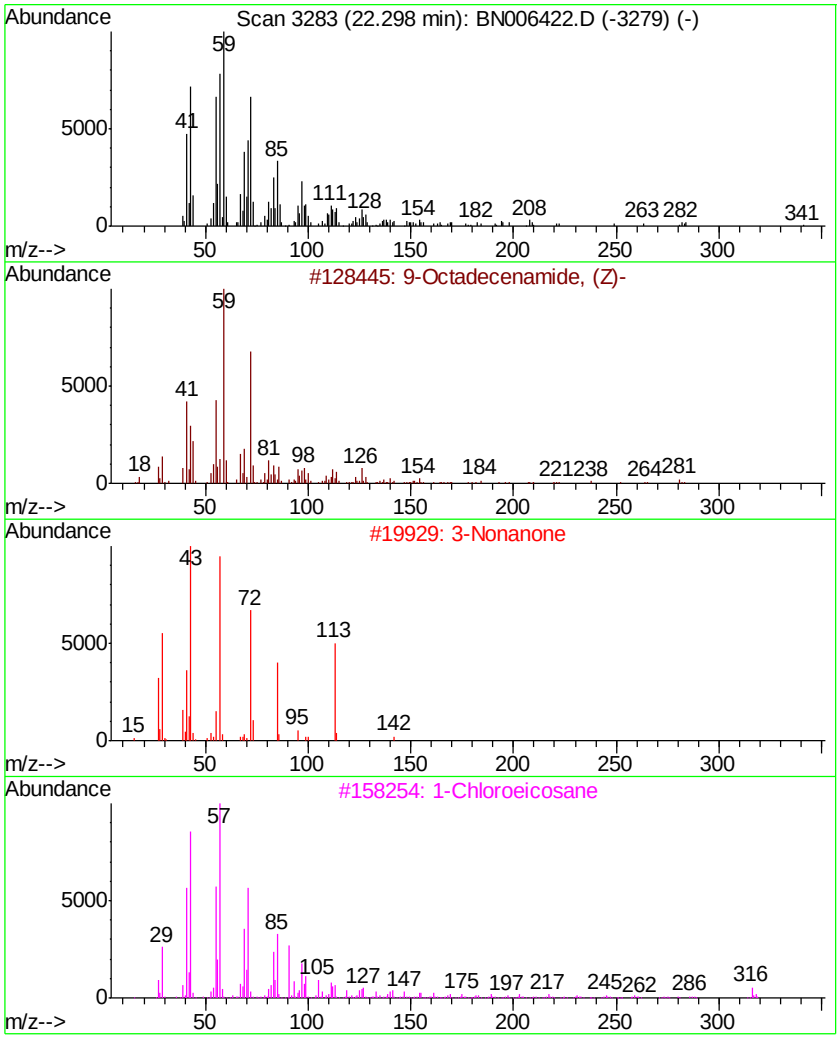
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

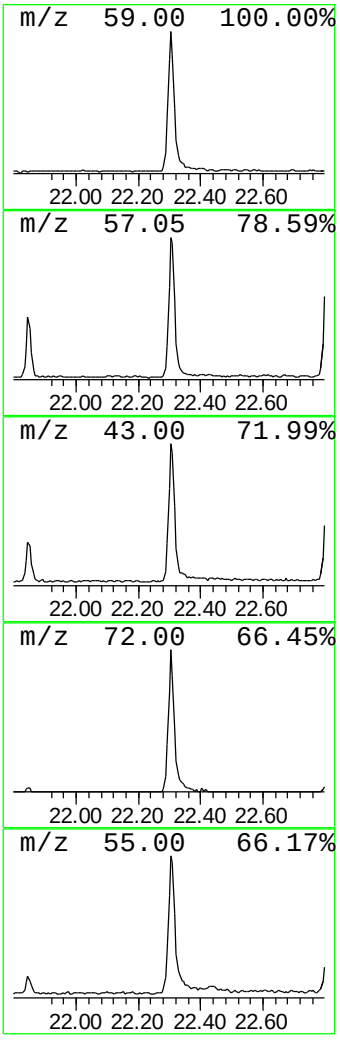
****

Peak Number 7 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.14 ng/ul	522637	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
2	3-Nonanone	142	C9H18O	000925-78-0	42
3	1-Chloroeicosane	316	C20H41Cl	042217-02-7	38
4	6-Dodecanone	184	C12H24O	006064-27-3	38
5	Eicosane	282	C20H42	000112-95-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006422.D
Acq On : 20 Jun 2019 07:17
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4240

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
Cyclopentanone, 2...	5.69	15.9	ng/ul	1167300	1	7.62	1463500	20.0
Phenol, 2-methoxy-	8.72	4.6	ng/ul	336049	1	7.62	1463500	20.0
unknown-01	9.66	2.2	ng/ul	270576	2	10.40	2412490	20.0
Propanoic acid, 2...	12.87	2.0	ng/ul	351893	3	14.28	3459870	20.0
Vanillin	13.20	3.3	ng/ul	561526	3	14.28	3459870	20.0
7,9-Di-tert-butyl...	17.71	7.3	ng/ul	1548230	4	17.04	4220950	20.0
unknown-02	22.30	2.1	ng/ul	522637	5	21.26	4882070	20.0