LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\
Data File : BN002351.D
Acq On : 16 Aug 2018 00:47
Operator : JU/SJ
Sample : J4490-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0303

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.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	5.752	466	470	476	rVB	75693	115352	1.47%	0.177%
2	6.858	650	658	672	rVB	260292	506196	6.45%	0.775%
3	7.016	679	685	699	rBV	781577	1263980	16.10%	1.934%
4	7.216	712	719	728	rBV	795897	1335462	17.02%	2.043%
5	7.675	791	797	804	rBV	672801	1105790	14.09%	1.692%
6	7.746	804	809	820	rVB	68837	133479	1.70%	0.204%
7	8.381	911	917	928	rBV	721362	1194035	15.21%	1.827%
8	8.499	932	937	946	rVB	63662	108985	1.39%	0.167%
9	8.763	977	982	987	rBV	137480	226364	2.88%	0.346%
10	8.828	987	993	1001	rVB	1022914	1728315	22.02%	2.645%
11	9.540	1107	1114	1126	rBV	868156	1465419	18.67%	2.242%
12	10.075	1198	1205	1220	rBV	1126947	2027718	25.84%	3.103%
13	10.451	1261	1269	1275	rBV	1020182	1757262	22.39%	2.689%
14	11.751	1484	1490	1502	rBV3	49213	106466	1.36%	0.163%
15	13.228	1735	1741	1757	rBV	308143	520184	6.63%	0.796%
16	13.722	1819	1825	1841	rVB	2703232	3653270	46.55%	5.590%
17	13.998	1863	1872	1883	rBV	2906215	4285275	54.60%	6.557%
18	14.310	1917	1925	1934	rBV2	1632756	2511560	32.00%	3.843%
19	14.528	1956	1962	1978	rBV	188107	399865	5.09%	0.612%
20	14.992	2035	2041	2049	rBV	60877	89784	1.14%	0.137%
21	15.304	2087	2094	2106	rBV	3567489	5303378	67.57%	8.115%
22	15.434	2110	2116	2131	rVV	1242281	1807229	23.03%	2.765%
23	17.057	2386	2392	2402	rVB	2218240	3053587	38.91%	4.672%
24	17.157	2402	2409	2423	rBV2	4071177	5863810	74.71%	8.972%
25	17.733	2501	2507	2512	rBV	649073	805098	10.26%	1.232%
26	19.457	2793	2800	2815	rBV	5113916	6822118	86.92%	10.439%
27	21.251	3100	3105	3113	rBV	2724928	3749279	47.77%	5.737%
28	22.304	3279	3284	3292	rBV2	202094	320281	4.08%	0.490%
29	22.810	3365	3370	3377	rVB	126828	191468	2.44%	0.293%
30	23.339	3451	3460	3473	rBV	4019907	7848482	100.00%	12.009%
31	23.474	3475	3483	3494	rVB2	2019239	3840928	48.94%	5.877%
32	24.004	3567	3573	3580	rVB	183239	339118	4.32%	0.519%
33	24.733	3691	3697	3706	rVB	178471	384952	4.90%	0.589%
34	25.586	3836	3842	3851	rVB2	108508	265328	3.38%	0.406%

LSC Area Percent Report

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Sample : J4490-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0303

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

35	26.586	4006	4012	4024	rVB5	77506	224843	2.86%	0.344%

Sum of corrected areas: 65354660

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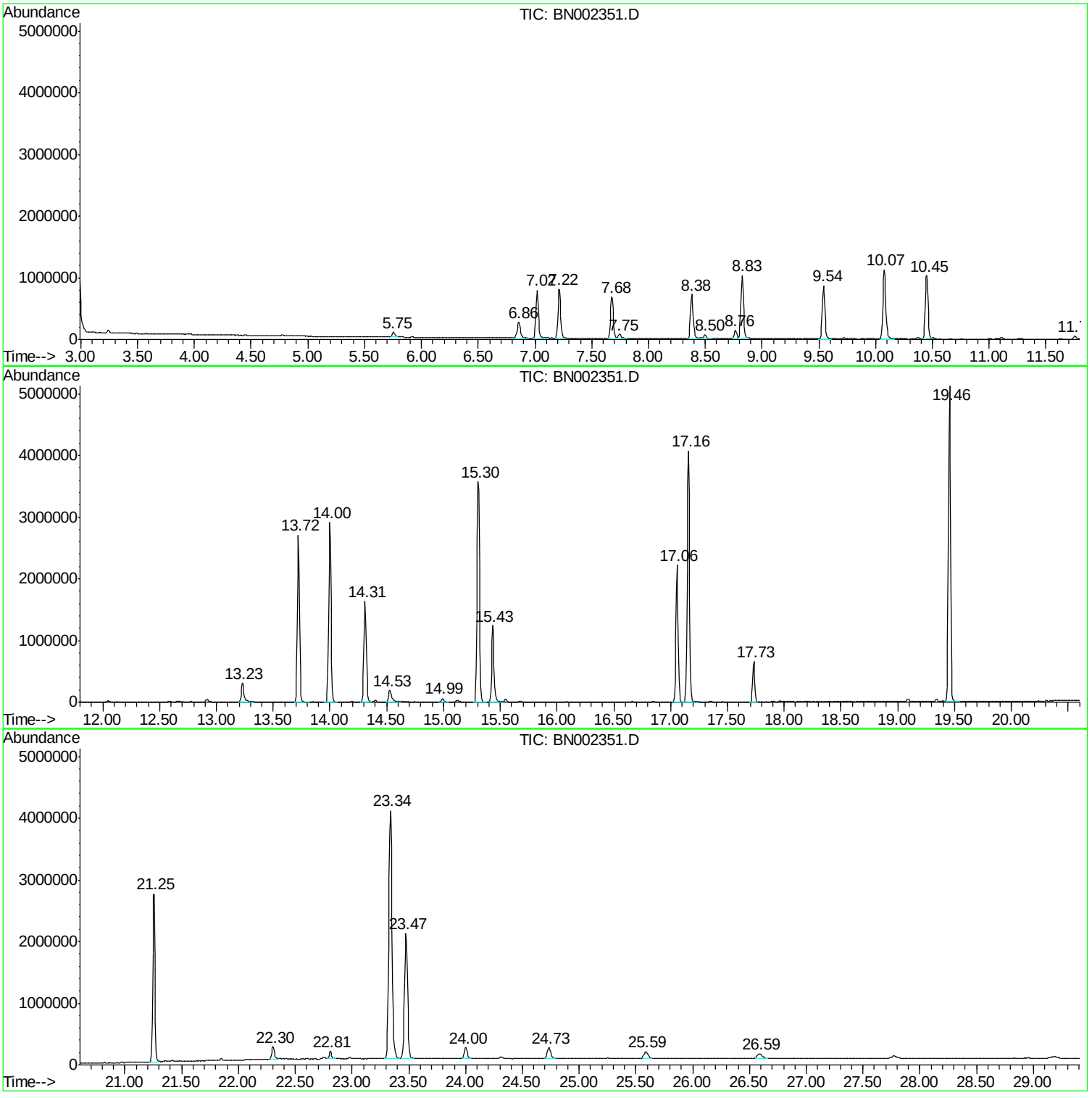
Sample : J4490-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0303

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

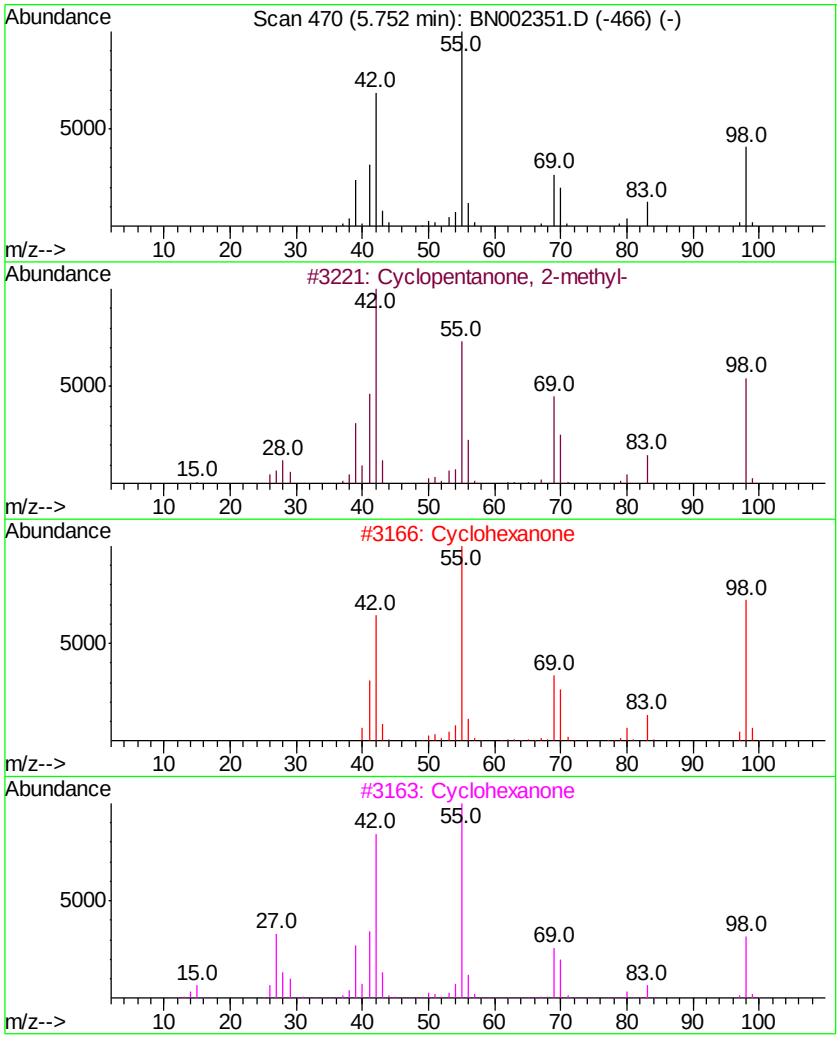
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

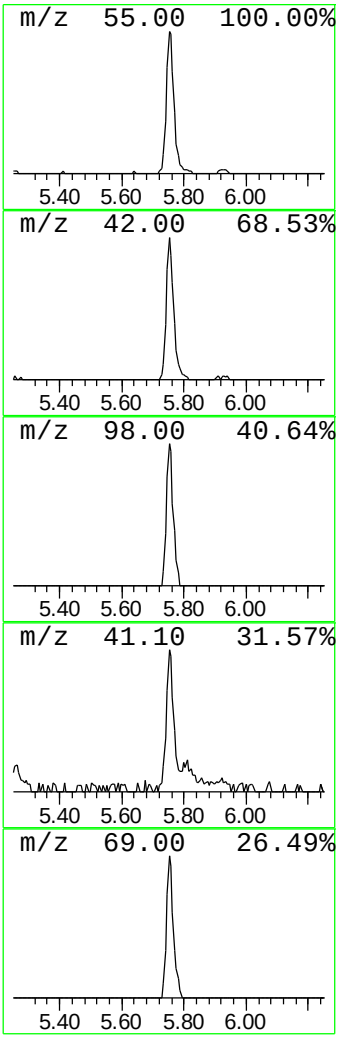
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	2.09 ng/ul	115352	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	93
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	90
5	Cyclohexanone	98	C6H10O	000108-94-1	87





Library Search Compound Report

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Data File : BN002351.D
Acq On : 16 Aug 2018 00:47
Operator : JU/SJ
Sample : J4490-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0303

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

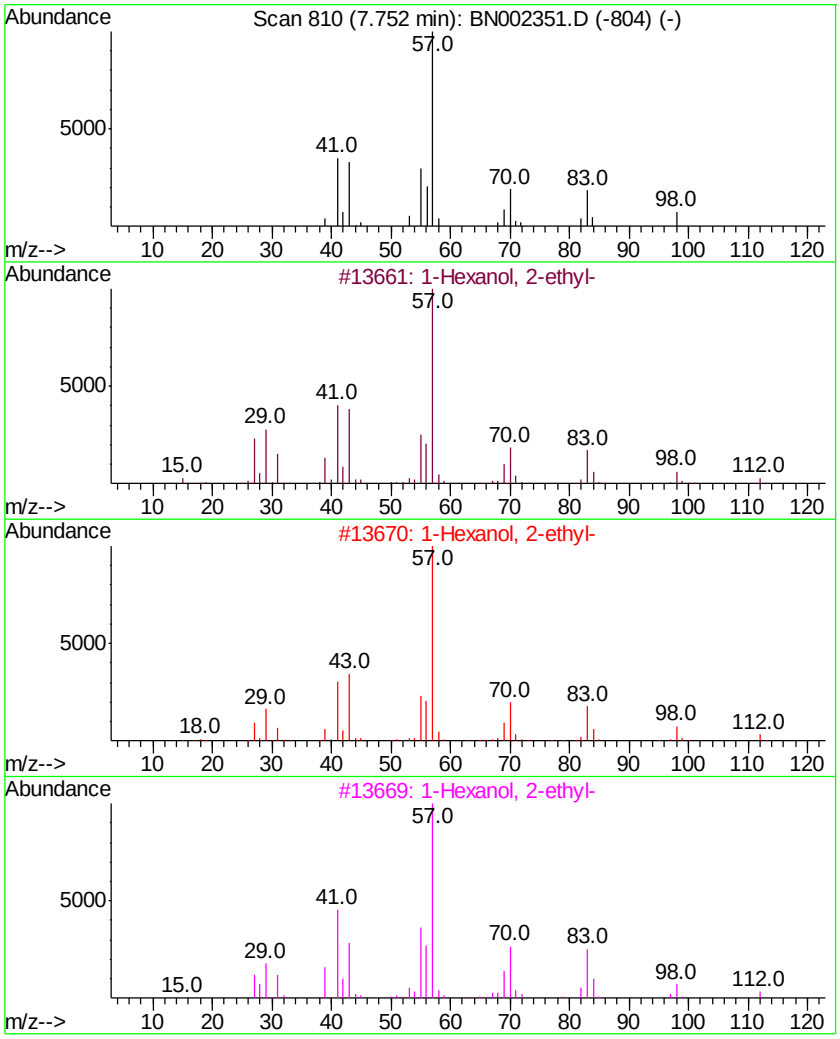
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

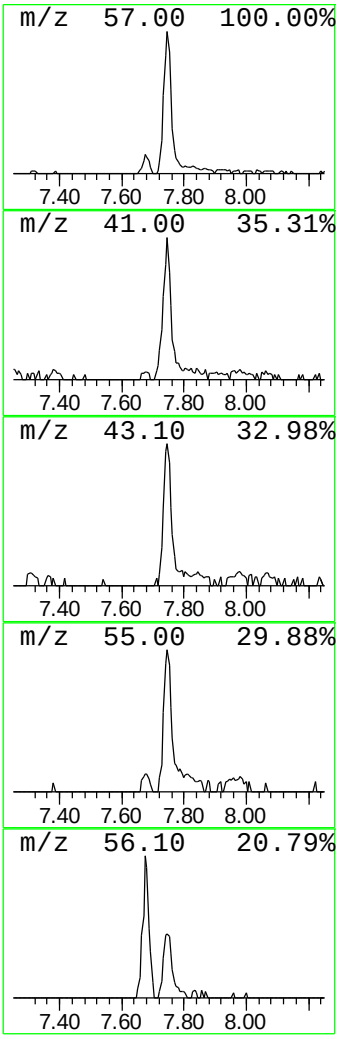
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.41 ng/ul	133479	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	40





Library Search Compound Report

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Data File : BN002351.D
Acq On : 16 Aug 2018 00:47
Operator : JU/SJ
Sample : J4490-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0303

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

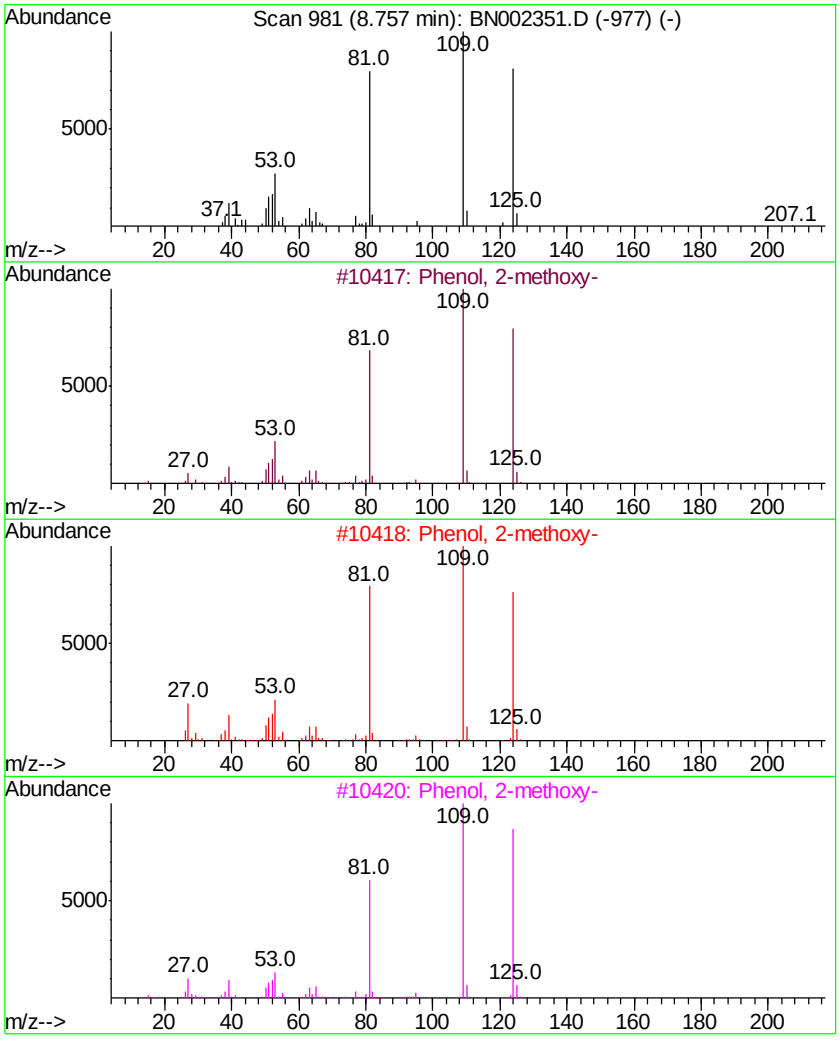
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

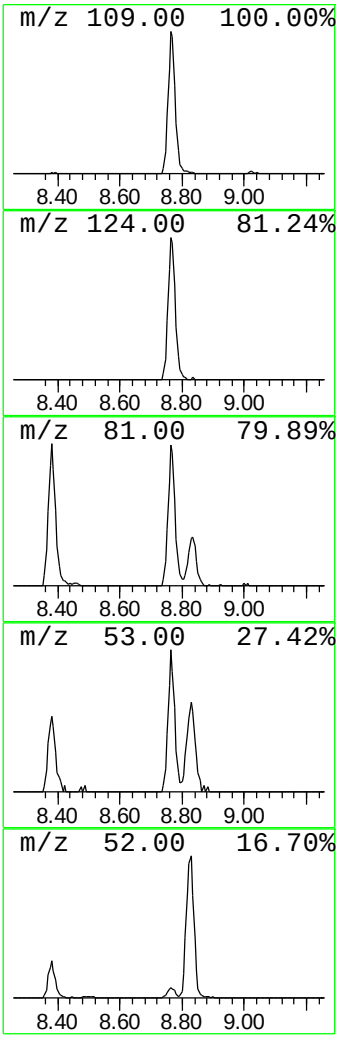
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.09 ng/ul	226364	1,4-Dichlorobenzene-d4	7.68

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	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Mequinol	124	C7H8O2	000150-76-5	87
5	Mequinol	124	C7H8O2	000150-76-5	87





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0303

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

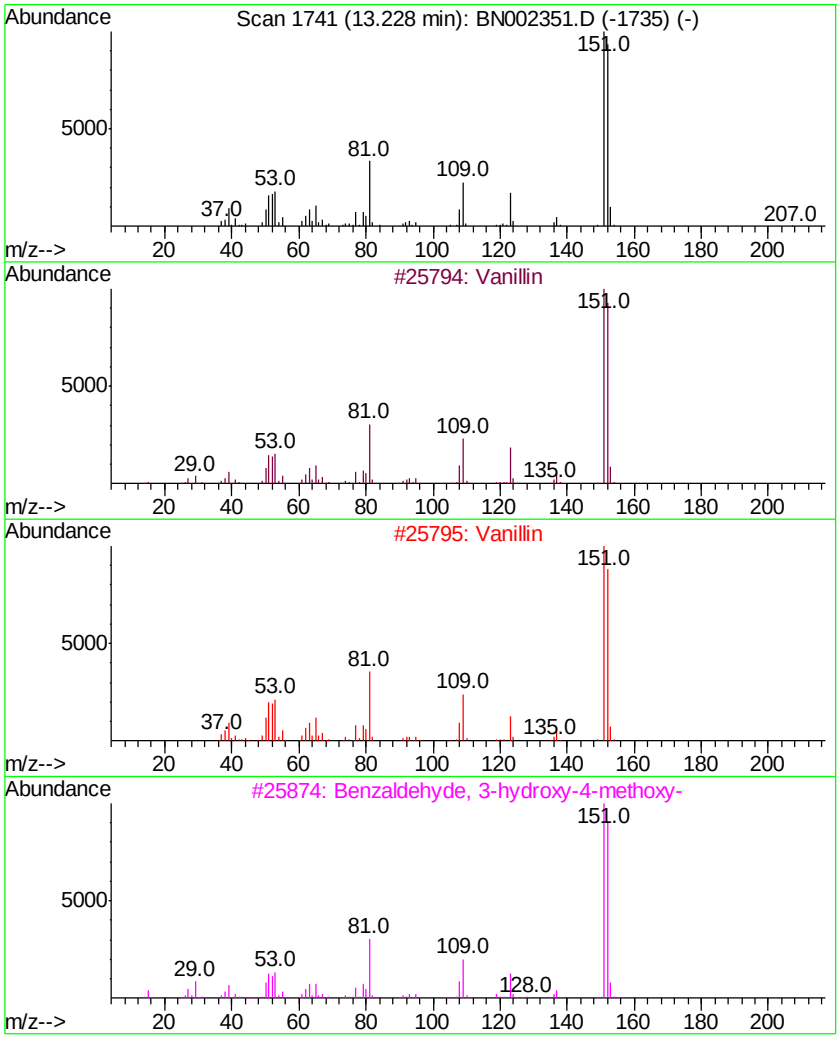
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

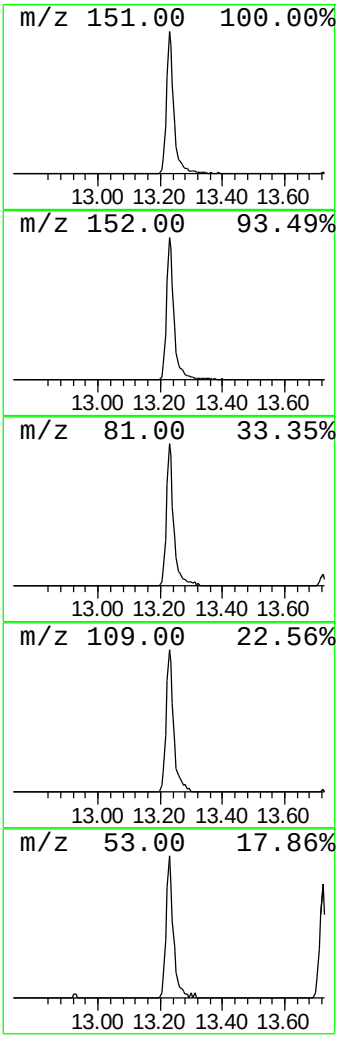
****

Peak Number 4 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.14 ng/ul	520184	Acenaphthene-d10	14.31

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





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0303

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

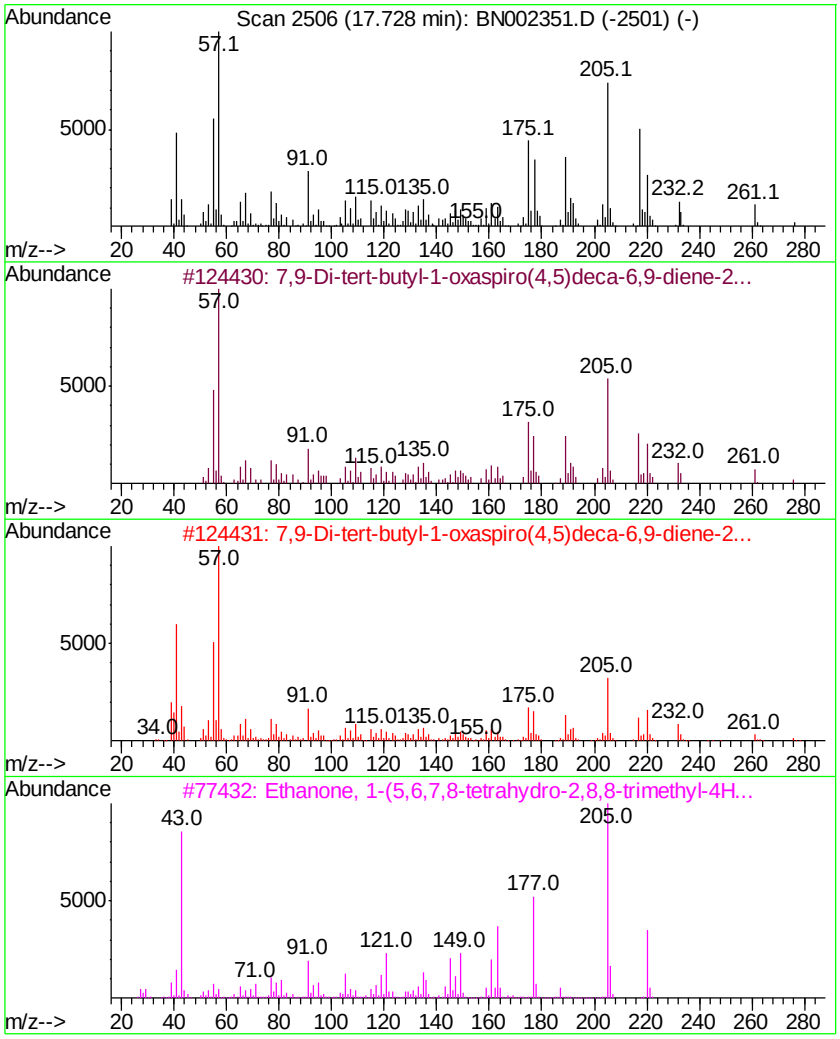
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

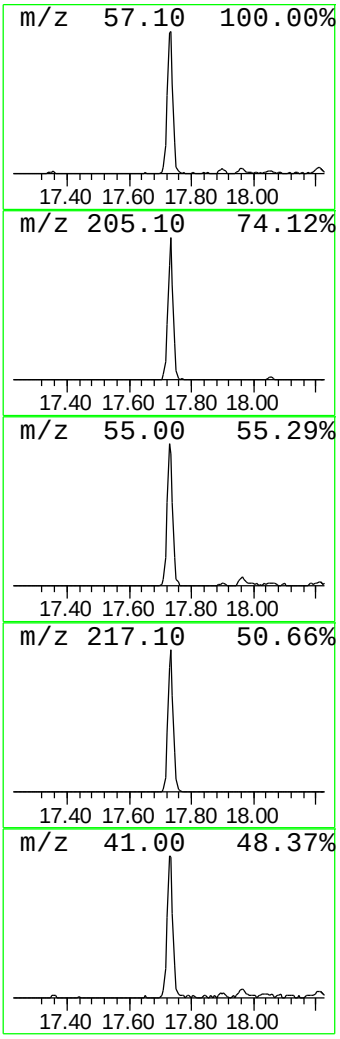
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	5.27 ng/ul	805098	Phenanthrene-d10	17.06

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	91
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	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	38





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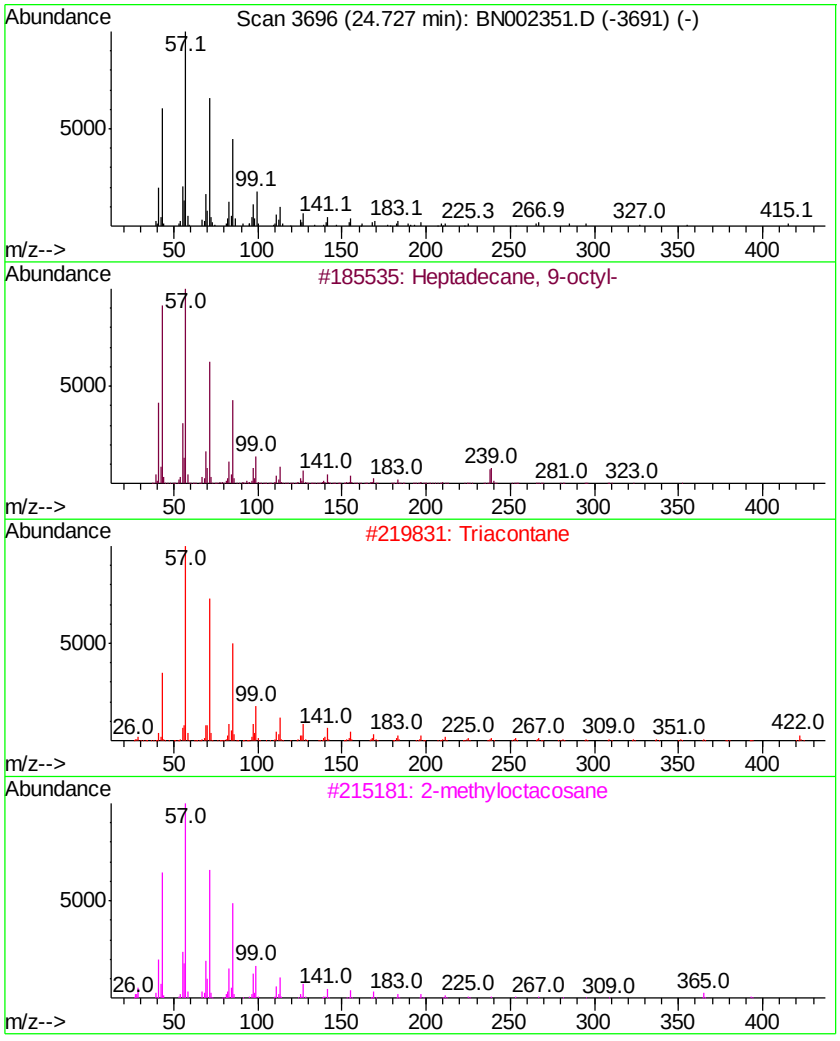
Quant Title : SVOA CALIBRATION

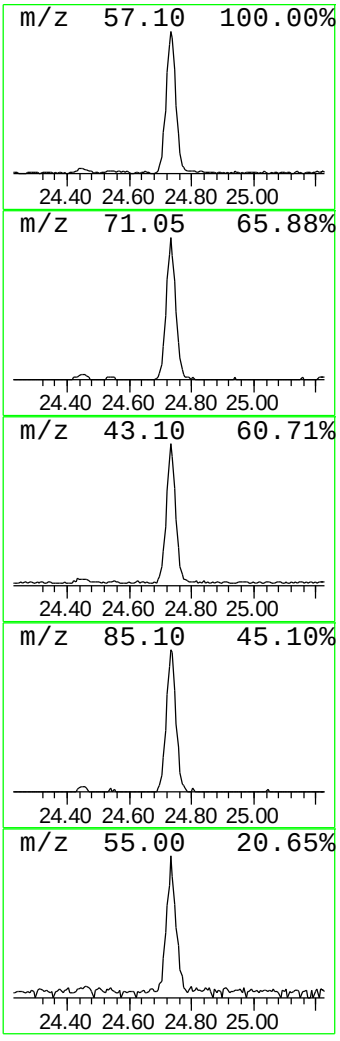
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.00 ng/ul	384952	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_N
ClientSampleId : C0303

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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...	5.75	2.1	ng/ul	115352	1	7.68	1105790	20.0
1-Hexanol, 2-ethyl-	7.75	2.4	ng/ul	133479	1	7.68	1105790	20.0
Phenol, 2-methoxy-	8.76	4.1	ng/ul	226364	1	7.68	1105790	20.0
Vanillin	13.23	4.1	ng/ul	520184	3	14.31	2511560	20.0
7,9-Di-tert-butyl...	17.73	5.3	ng/ul	805098	4	17.06	3053590	20.0
(DEL) Alkane: Str...	24.73	2.0	ng/ul	384952	6	23.47	3840930	20.0