LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

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-BN111418MA.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	3.028	3	7	18	rVB	183966	267201	6.99%	0.902%
2	5.893	488	494	503	rVB	224645	338903	8.87%	1.145%
3	6.993	675	681	690	rVB	125825	194859	5.10%	0.658%
4	7.175	705	712	722	rBV	379106	566729	14.83%	1.914%
5	7.369	738	745	756	rBV	397628	609247	15.95%	2.057%
6	7.840	819	825	830	rBV	309771	474111	12.41%	1.601%
7	7.887	830	833	844	rVB	25788	39554	1.04%	0.134%
8	8.534	936	943	951	rBV	317186	489513	12.81%	1.653%
9	8.934	1005	1011	1017	rBV	59346	87596	2.29%	0.296%
10	9.005	1017	1023	1030	rBV	433003	710753	18.60%	2.400%
11	9.722	1139	1145	1152	rBV	368178	588364	15.40%	1.987%
12	9.863	1161	1169	1175	rBV2	27291	61694	1.61%	0.208%
13	10.252	1228	1235	1244	rBV	579329	928374	24.30%	3.135%
14	10.640	1294	1301	1307	rBV	446174	744607	19.49%	2.515%
15	11.910	1512	1517	1524	rVB	45864	67652	1.77%	0.228%
16	13.069	1709	1714	1724	rBV2	55578	85864	2.25%	0.290%
17	13.398	1765	1770	1777	rBV	149888	205848	5.39%	0.695%
18	13.881	1846	1852	1864	rVB	1135499	1585624	41.50%	5.355%
19	14.175	1895	1902	1914	rBV	1377440	1989252	52.07%	6.718%
20	14.475	1946	1953	1961	rBV2	709780	1084089	28.38%	3.661%
21	14.663	1980	1985	1995	rBV	94638	131085	3.43%	0.443%
22	15.469	2115	2122	2133	rVB	1671777	2331458	61.02%	7.874%
23	15.587	2136	2142	2151	rVB	502855	659591	17.26%	2.227%
24	17.222	2413	2420	2426	rBV	896917	1245986	32.61%	4.208%
25	17.322	2430	2437	2450	rVV	1846428	2636115	69.00%	8.902%
26	17.875	2526	2531	2535	rBV	274061	308067	8.06%	1.040%
27	19.610	2820	2826	2836	rBV	2322838	3174970	83.10%	10.722%
28	21.398	3124	3130	3138	rBV	1412320	1677987	43.92%	5.667%
29	22.445	3303	3308	3314	rBV	55388	73823	1.93%	0.249%
30	22.963	3391	3396	3405	rVB	82698	120565	3.16%	0.407%
31	23.568	3490	3499	3508	rBV	1933934	3820547	100.00%	12.902%
32	23.716	3516	3524	3538	rVB2	917007	1737897	45.49%	5.869%
33	24.221	3603	3610	3618	rBV	93346	178634	4.68%	0.603%
34	24.992	3735	3741	3749	rVB	84814	178296	4.67%	0.602%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

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-BN111418MA.M
Title : SVOA CALIBRATION

35	25.904	3888	3896	3903	rBV	49848	118006	3.09%	0.399%
36	26.968	4071	4077	4091	rVB2	34856	98569	2.58%	0.333%

Sum of corrected areas: 29611430

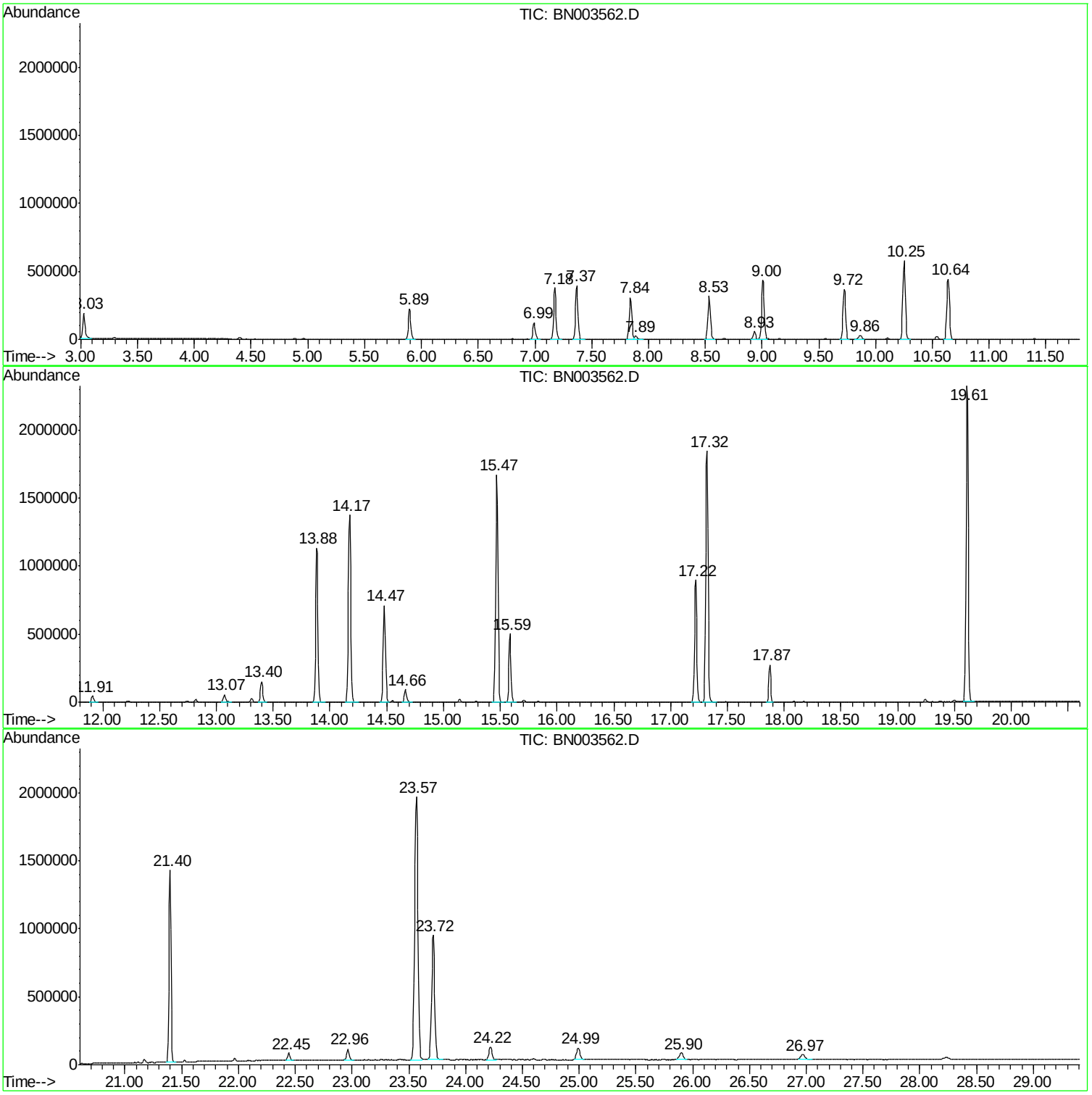
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.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\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

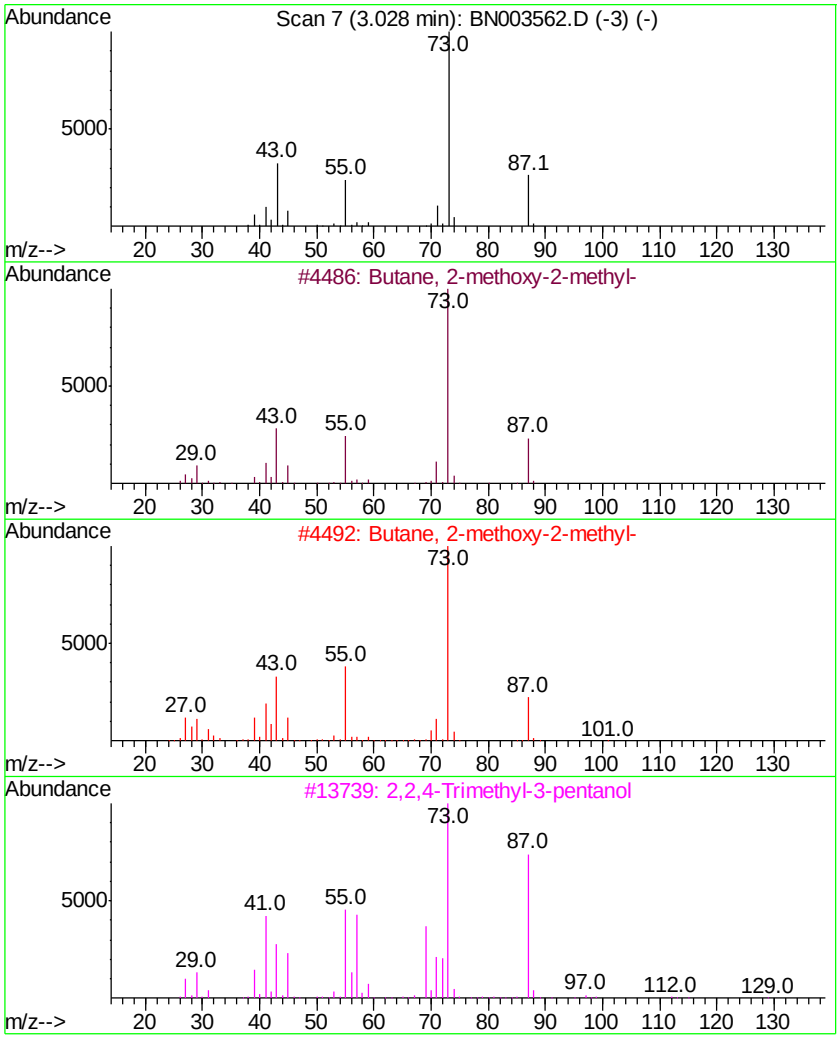
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

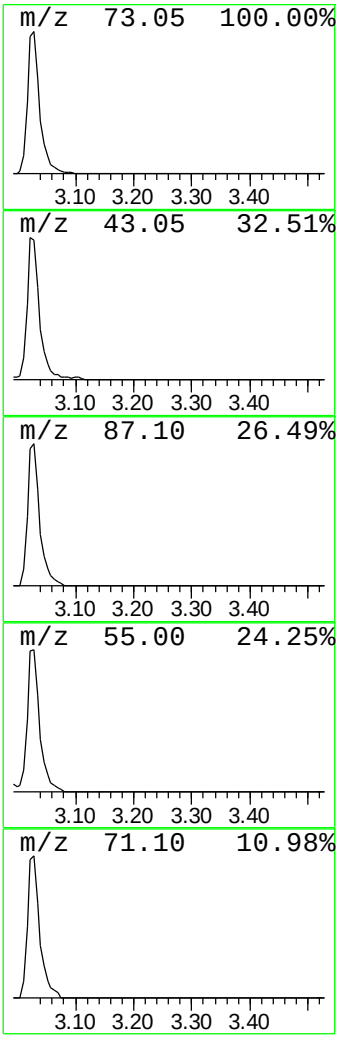
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	11.27 ng/ul	267201	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

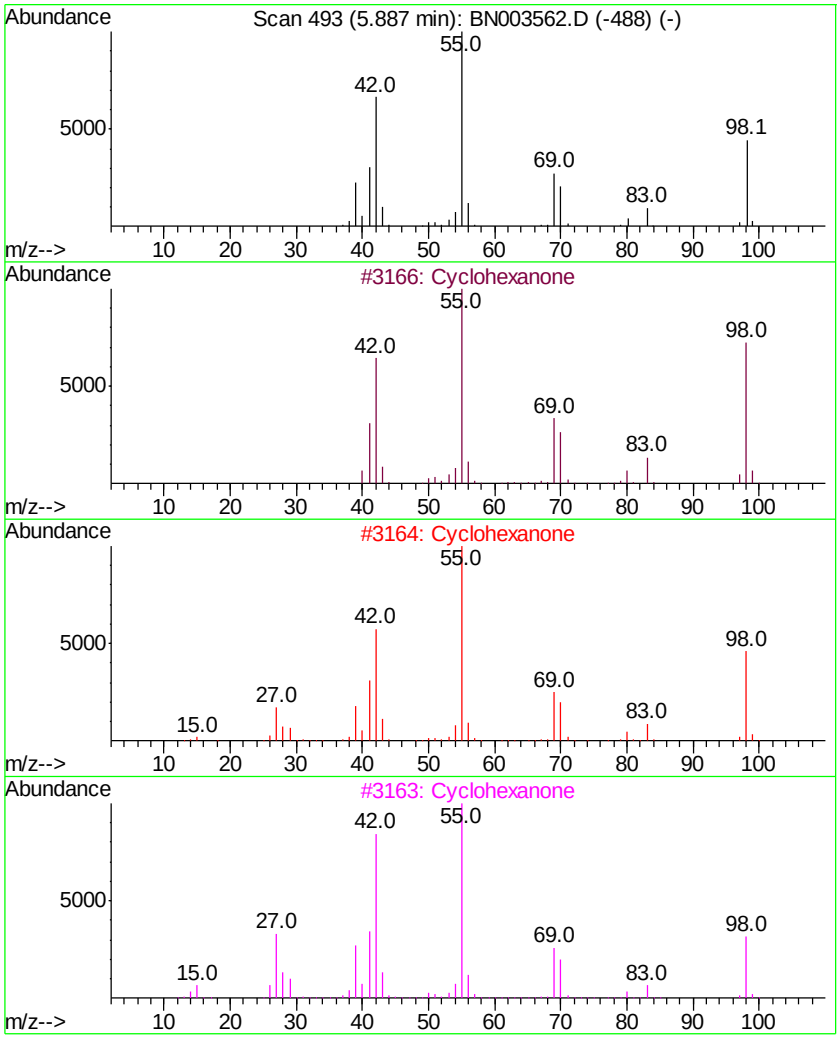
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

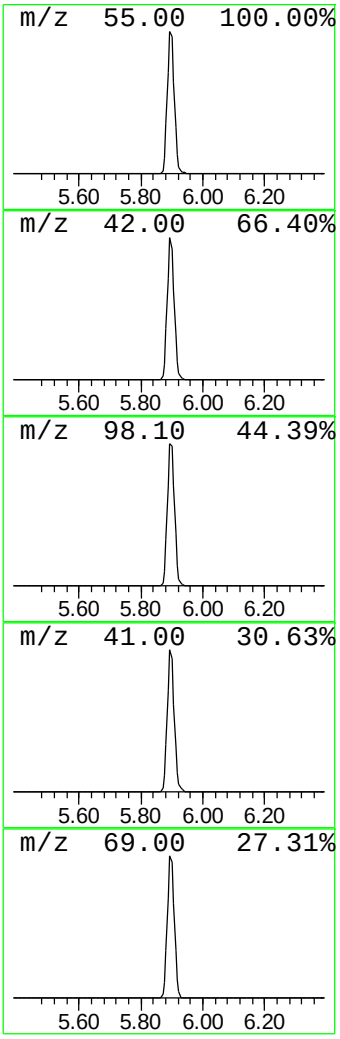
****

Peak Number 2 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	14.30 ng/ul	338903	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	90
5	Cyclohexanone	98	C6H10O	000108-94-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

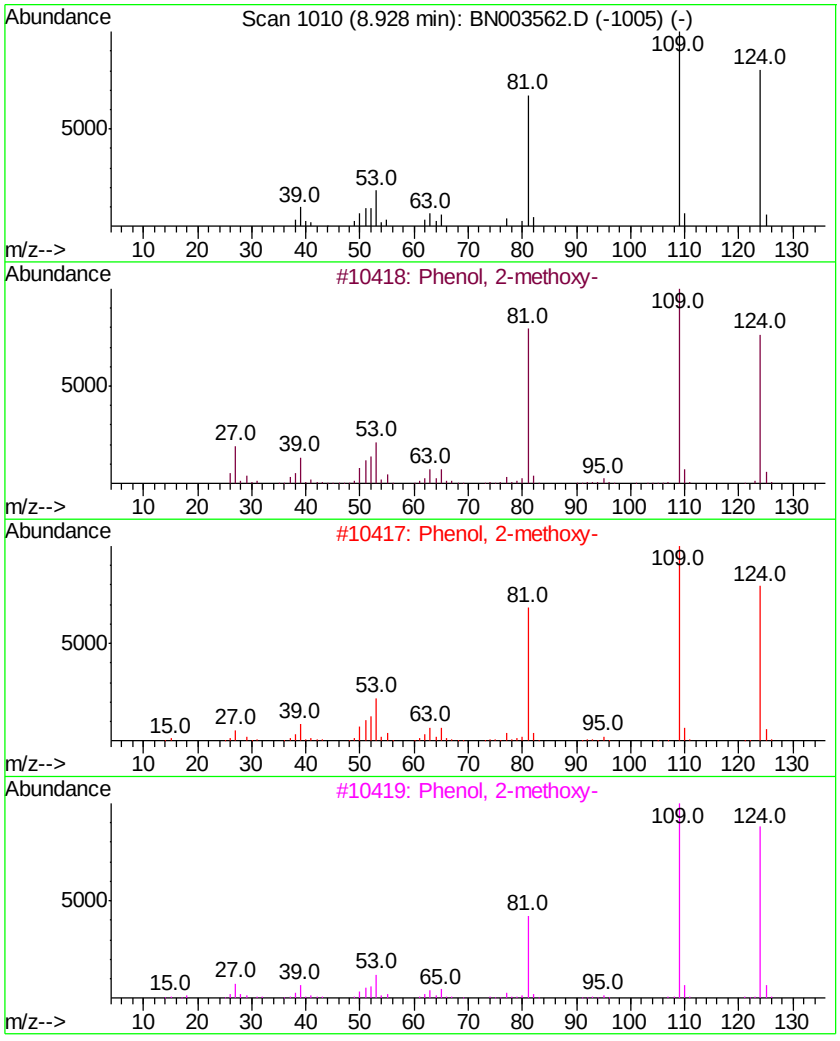
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

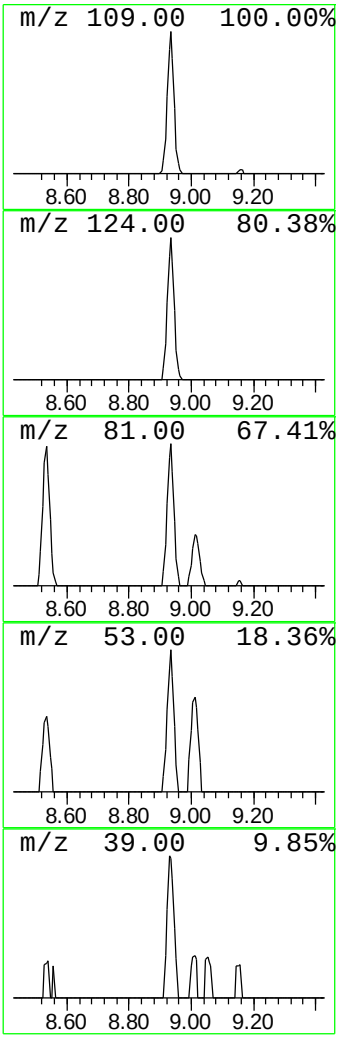
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	3.70 ng/ul	87596	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Mequinol	124	C7H8O2	000150-76-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

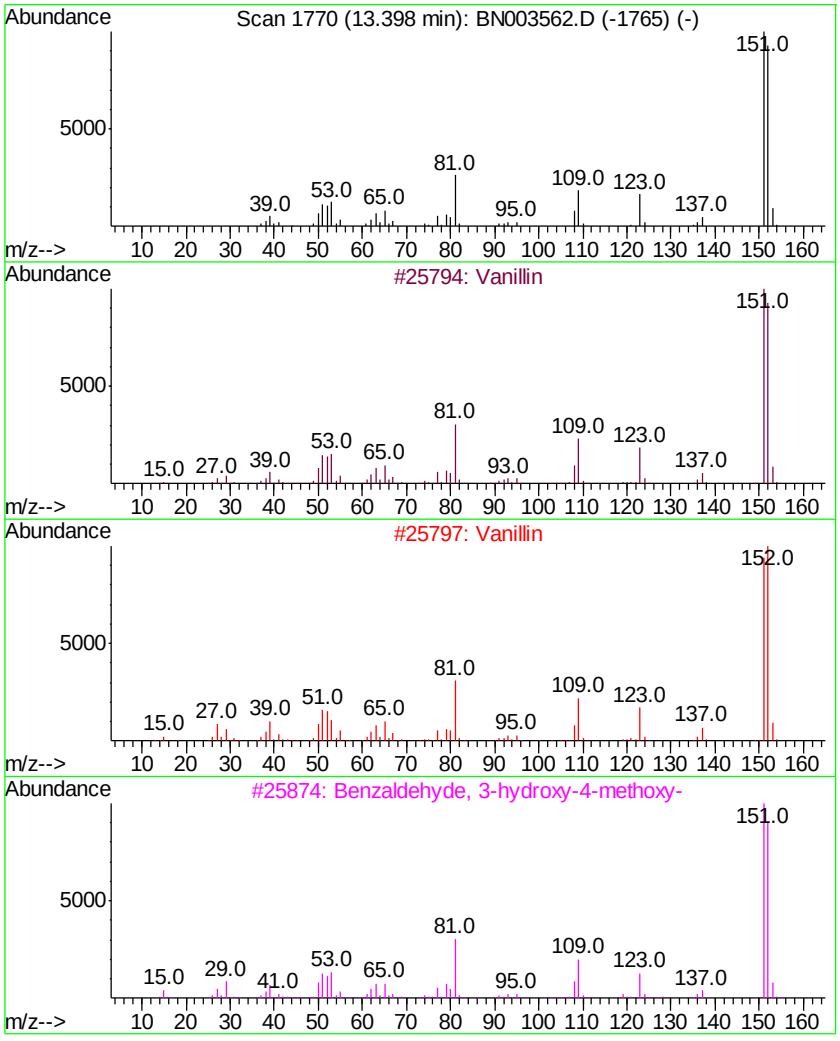
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

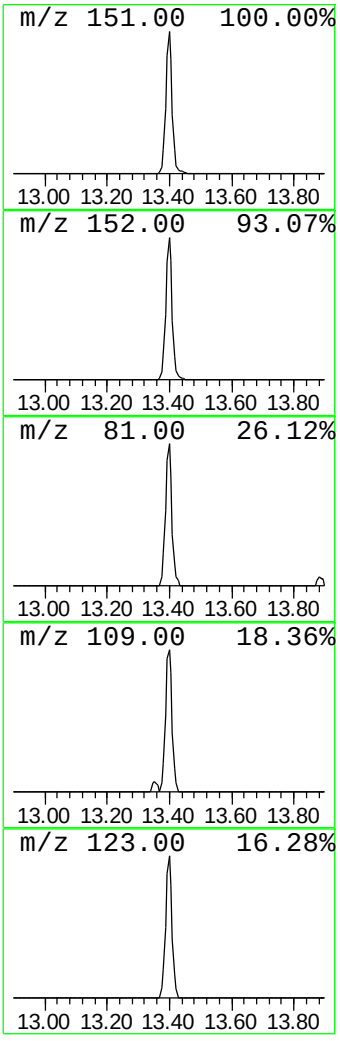
****

Peak Number 4 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.80 ng/ul	205848	Acenaphthene-d10	14.47

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	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Vanillin	152	C8H8O3	000121-33-5	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

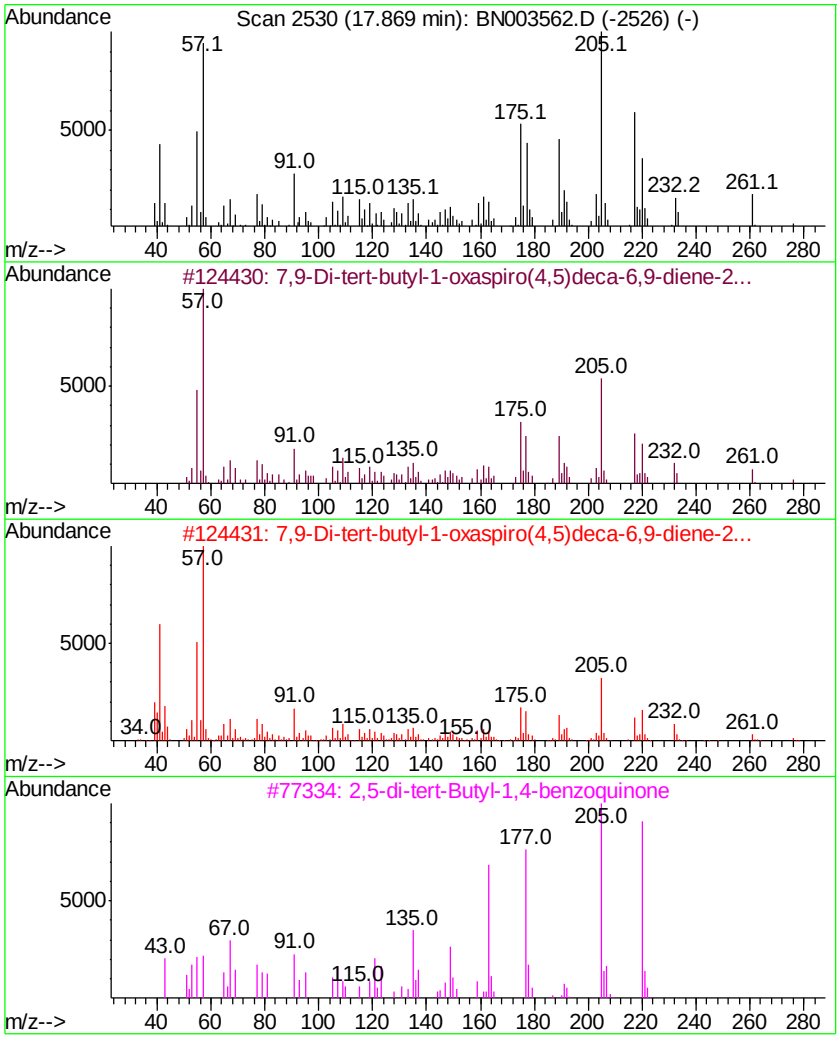
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

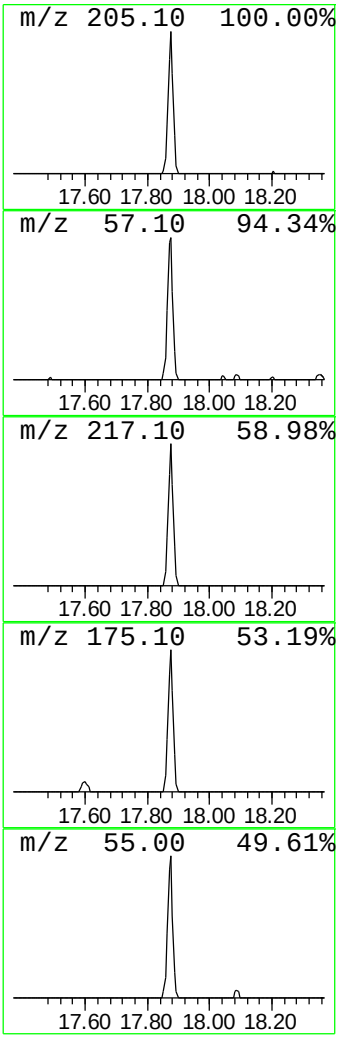
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.94 ng/ul	308067	Phenanthrene-d10	17.22

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	93
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	70
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42





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Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

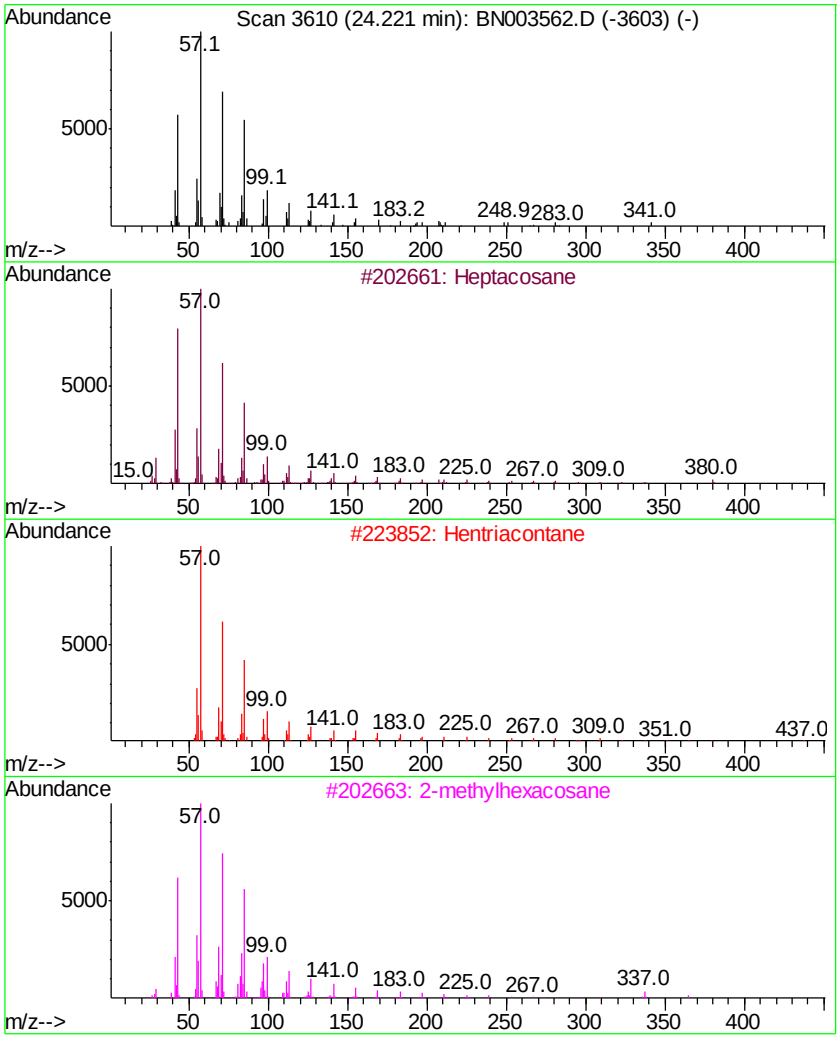
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

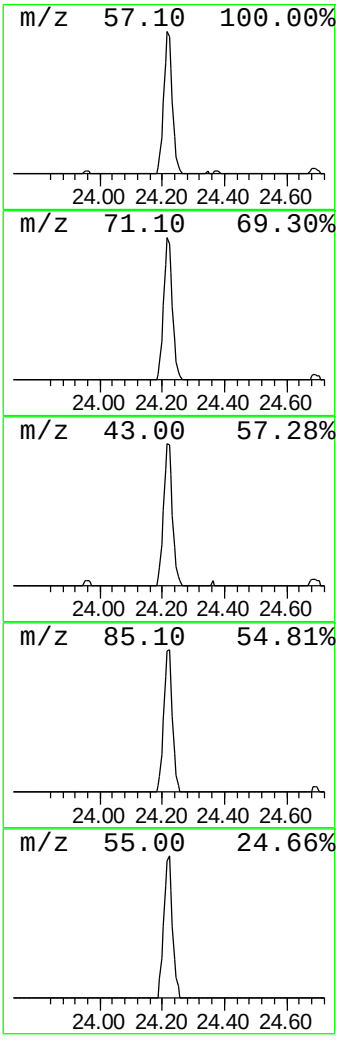
****

Peak Number 6 (DEL) Alkane: Cyclic24.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	2.06 ng/ul	178634	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	2-methylhexacosane	380	C27H56	1000376-72-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Sample : J5928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

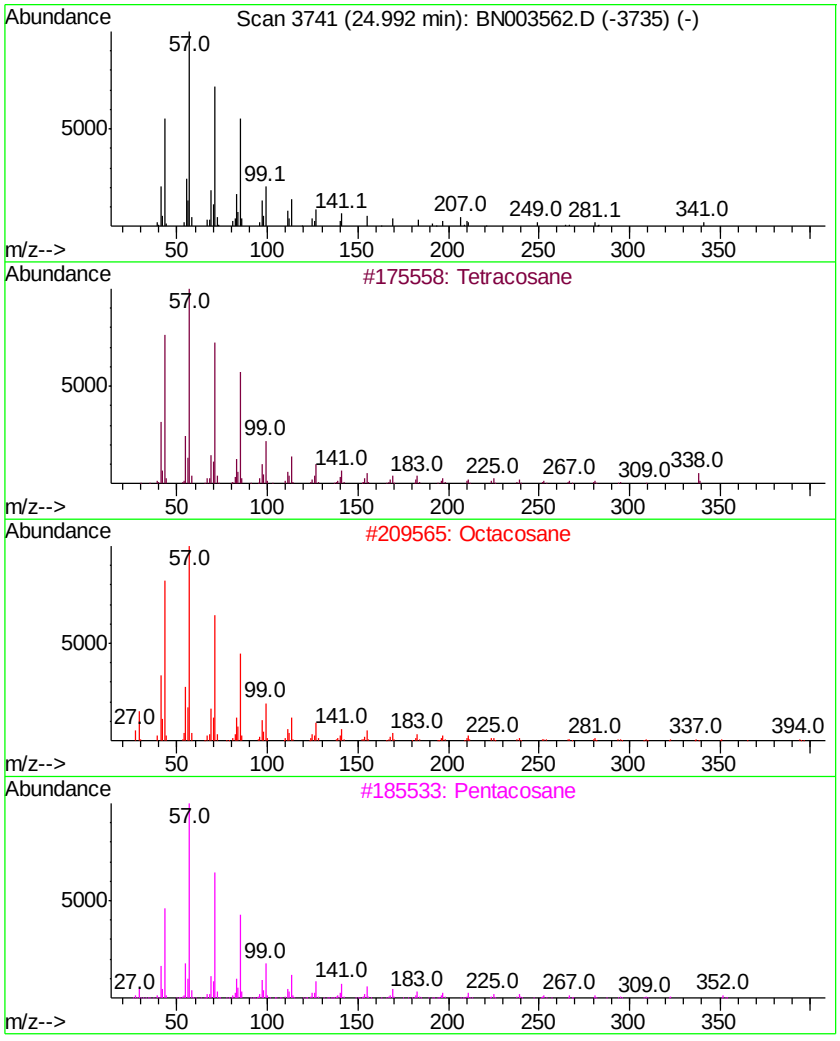
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

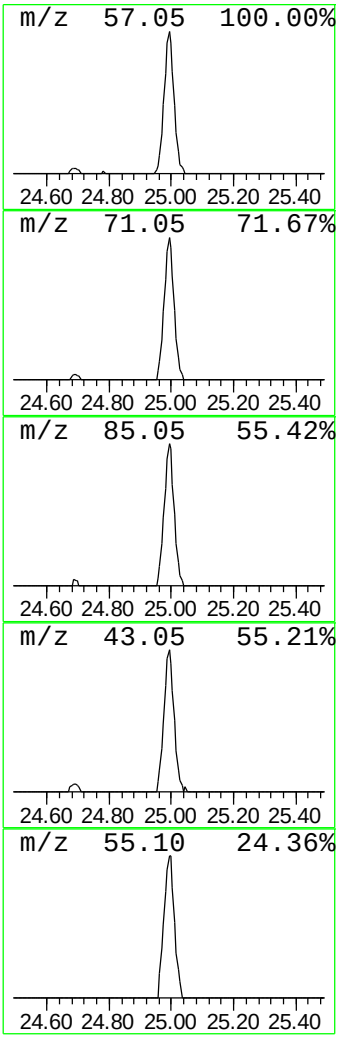
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	2.05 ng/ul	178296	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111618\
Data File : BN003562.D
Acq On : 16 Nov 2018 13:42
Operator : MJ/SJ
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Misc :
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Instrument : BNA_N
ClientSampleId : A40S0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.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
Butane, 2-methoxy...	3.03	11.3	ng/ul	267201	1	7.84	474111	20.0
Cyclohexanone	5.89	14.3	ng/ul	338903	1	7.84	474111	20.0
Phenol, 2-methoxy-	8.93	3.7	ng/ul	87596	1	7.84	474111	20.0
Vanillin	13.40	3.8	ng/ul	205848	3	14.47	1084090	20.0
7,9-Di-tert-butyl...	17.87	4.9	ng/ul	308067	4	17.22	1245990	20.0
(DEL) Alkane: Cyc...	24.22	2.1	ng/ul	178634	6	23.72	1737900	20.0
(DEL) Alkane: Str...	24.99	2.0	ng/ul	178296	6	23.72	1737900	20.0