LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

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-BN091418MA.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	3.216	35	39	45	rBV	40973	55521	1.27%	0.135%
2	6.840	646	655	669	rVB	147298	279936	6.40%	0.679%
3	6.993	674	681	690	rBV	589921	905217	20.69%	2.196%
4	7.187	708	714	726	rVB	618423	975053	22.29%	2.366%
5	7.646	786	792	798	rBV	543347	869838	19.88%	2.111%
6	7.710	798	803	816	rVB	145992	264118	6.04%	0.641%
7	8.357	907	913	923	rBV	458574	789324	18.04%	1.915%
8	8.734	972	977	982	rBV	120187	197666	4.52%	0.480%
9	8.799	982	988	998	rVB	727357	1194772	27.31%	2.899%
10	9.516	1102	1110	1121	rBV	605396	1031499	23.58%	2.503%
11	10.051	1195	1201	1217	rBV	800060	1494412	34.16%	3.626%
12	10.416	1256	1263	1271	rBV	801717	1352740	30.92%	3.282%
13	12.634	1633	1640	1656	rBV	68681	141410	3.23%	0.343%
14	12.887	1676	1683	1692	rBV	137295	209523	4.79%	0.508%
15	13.210	1728	1738	1755	rBV	170683	308930	7.06%	0.750%
16	13.698	1815	1821	1831	rBV	1729904	2424372	55.42%	5.883%
17	13.975	1861	1868	1881	rBV	2024118	2999556	68.57%	7.278%
18	14.286	1913	1921	1931	rBV2	1226504	1864012	42.61%	4.523%
19	14.534	1957	1963	1977	rBV	72269	180807	4.13%	0.439%
20	15.286	2084	2091	2099	rBV	2544808	3744143	85.59%	9.085%
21	15.422	2109	2114	2128	rBV	759768	1104827	25.26%	2.681%
22	16.104	2225	2230	2237	rBV2	24926	59422	1.36%	0.144%
23	17.039	2382	2389	2399	rVB	1490002	2160667	49.39%	5.243%
24	17.133	2399	2405	2417	rBV	2723557	4034235	92.22%	9.789%
25	17.710	2498	2503	2510	rBV	313559	374034	8.55%	0.908%
26	19.439	2790	2797	2805	rBV	3231853	4374497	100.00%	10.615%
27	21.021	3062	3066	3072	rBV	64890	79876	1.83%	0.194%
28	21.239	3098	3103	3111	rBV	1636500	2005795	45.85%	4.867%
29	22.286	3277	3281	3284	rBV	76801	92142	2.11%	0.224%
30	22.780	3361	3365	3371	rBV	104594	146044	3.34%	0.354%
31	23.315	3449	3456	3465	rVB	1765116	3381661	77.30%	8.205%
32	23.457	3473	3480	3487	rVB	879302	1654540	37.82%	4.015%
33	23.962	3561	3566	3574	rVB	123611	240198	5.49%	0.583%
34	24.692	3685	3690	3699	rVB	107559	221348	5.06%	0.537%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

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-BN091418MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 41212135

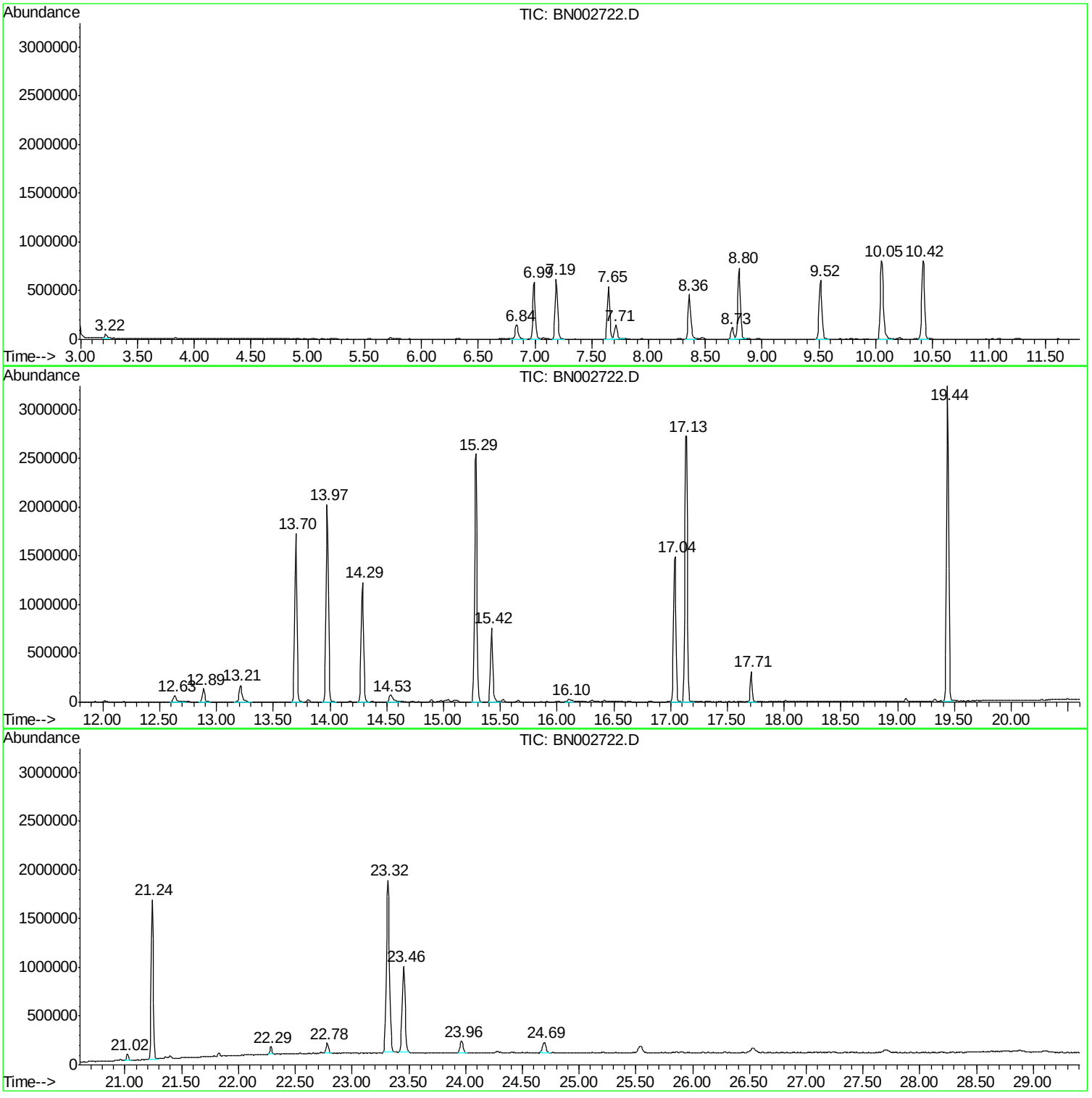
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

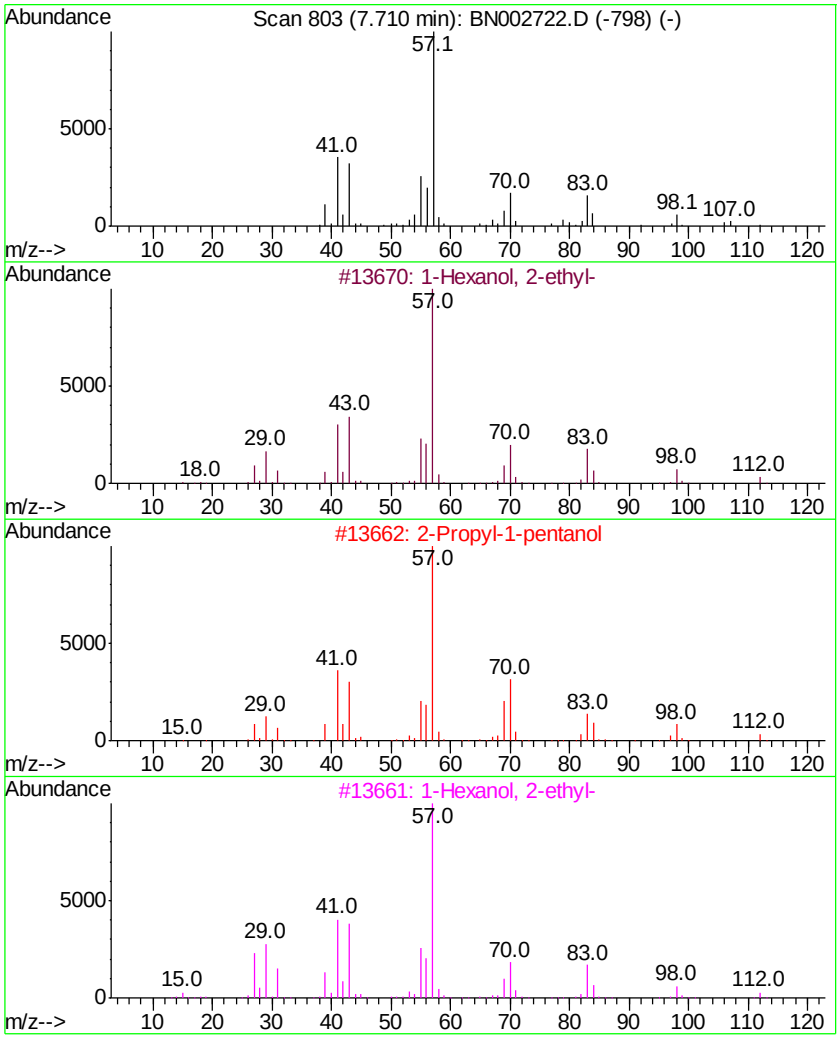
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

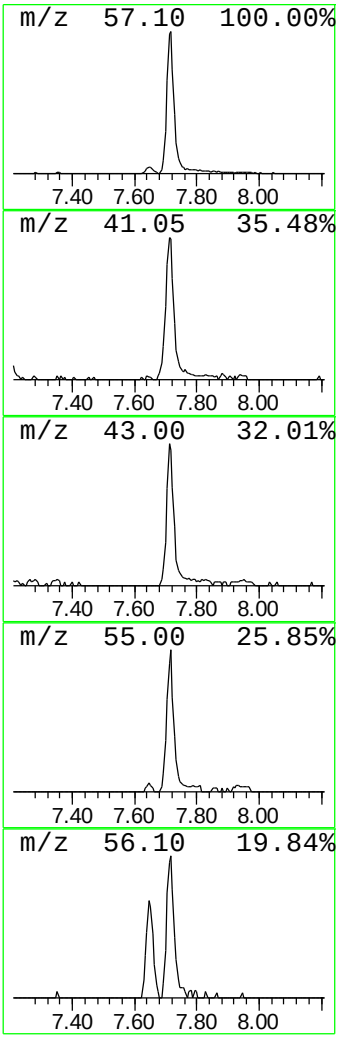
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	6.07 ng/ul	264118	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
5	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

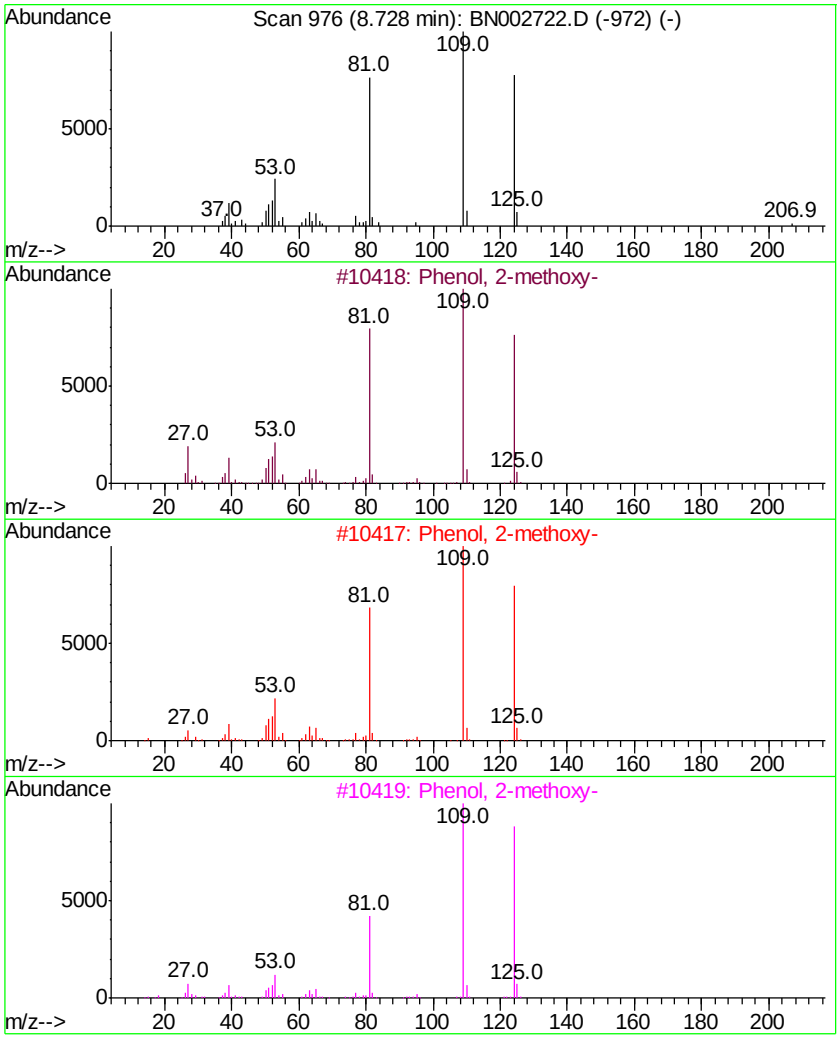
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

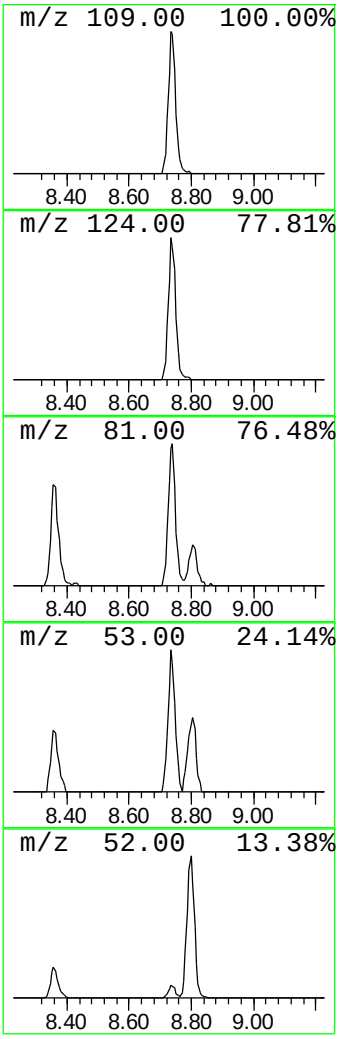
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.54 ng/ul	197666	1,4-Dichlorobenzene-d4	7.65

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	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Mequinol	124	C7H8O2	000150-76-5	87
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

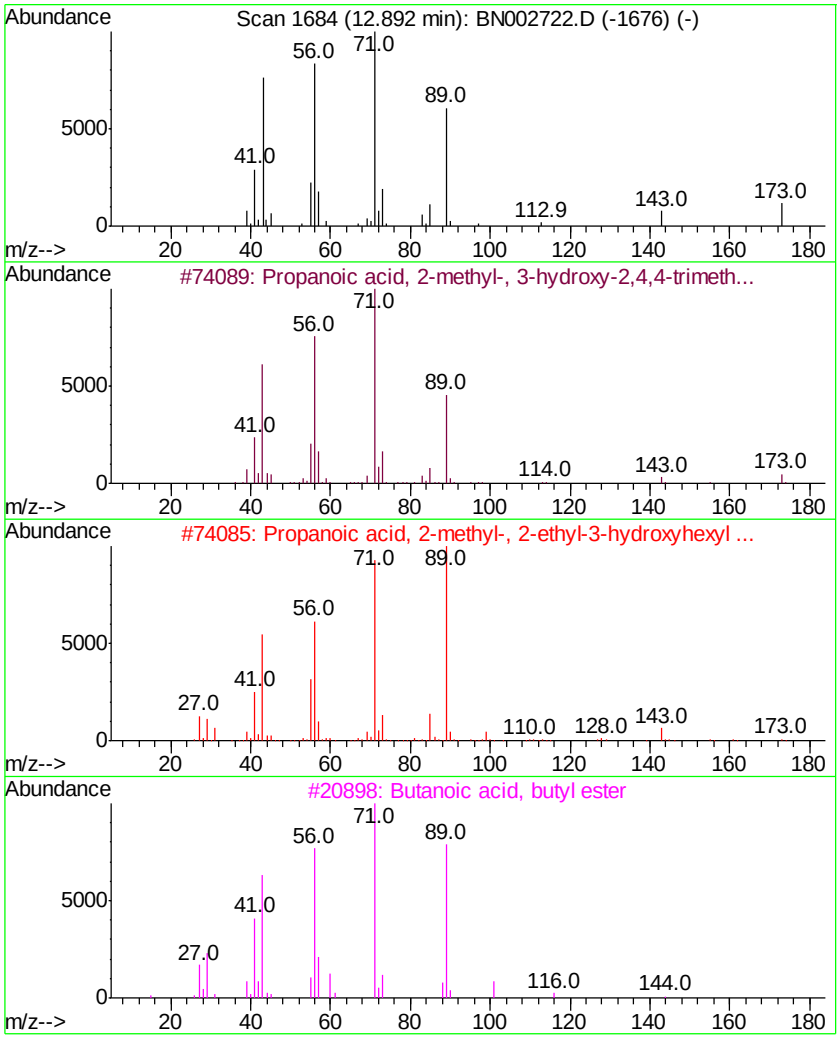
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

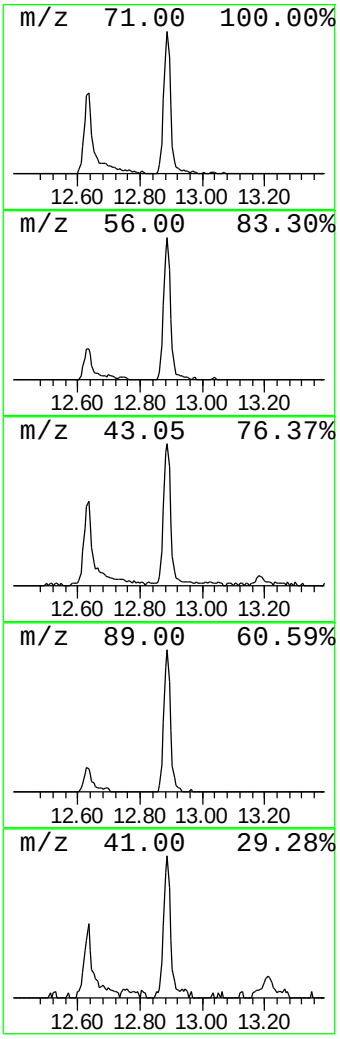
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.25 ng/ul	209523	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	91
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	42
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	42





Library Search Compound Report

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Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

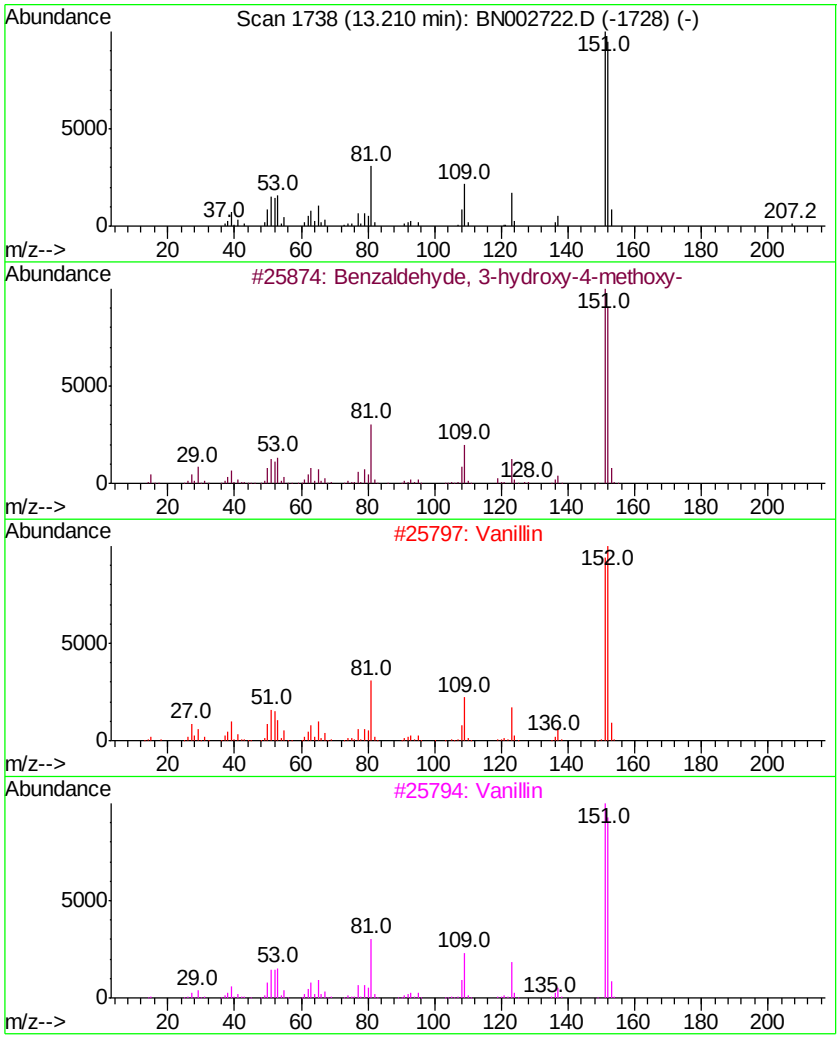
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

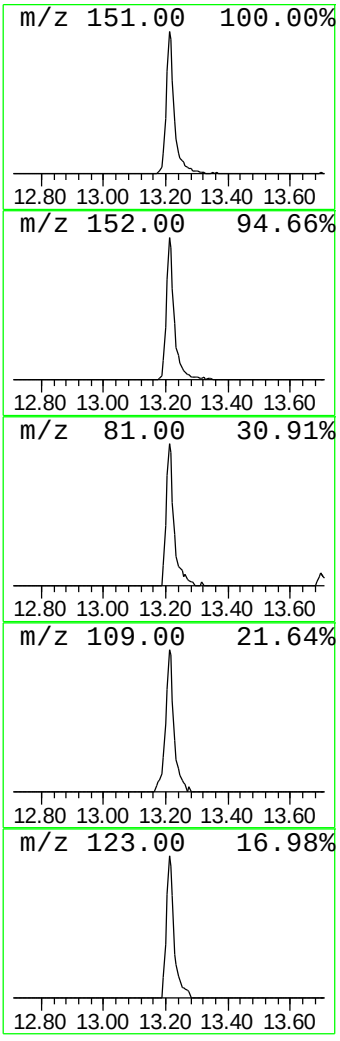
****

Peak Number 4 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.31 ng/ul	308930	Acenaphthene-d10	14.29

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





Library Search Compound Report

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Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

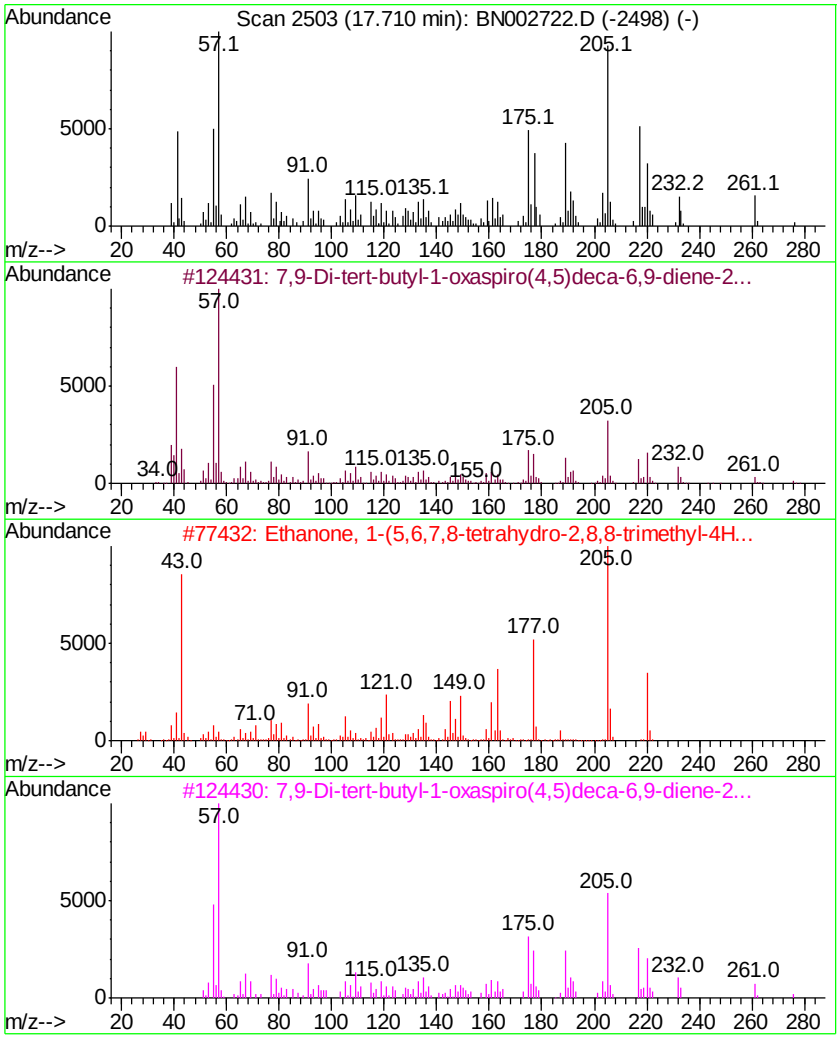
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

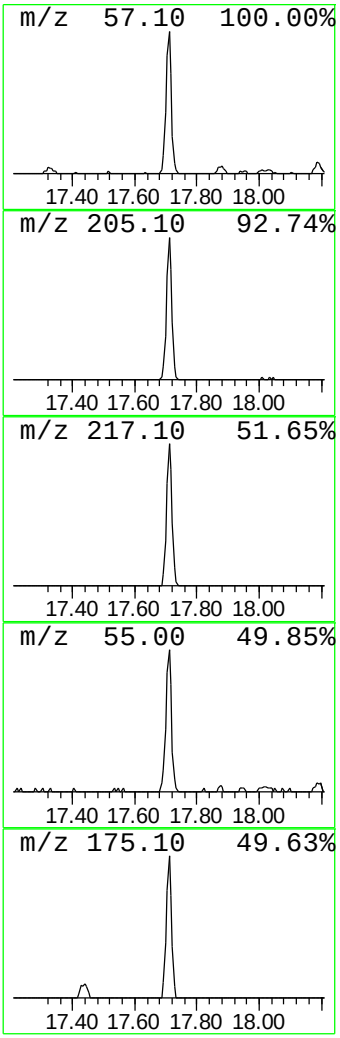
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	3.46 ng/ul	374034	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	98
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	56
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	53
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	46





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Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

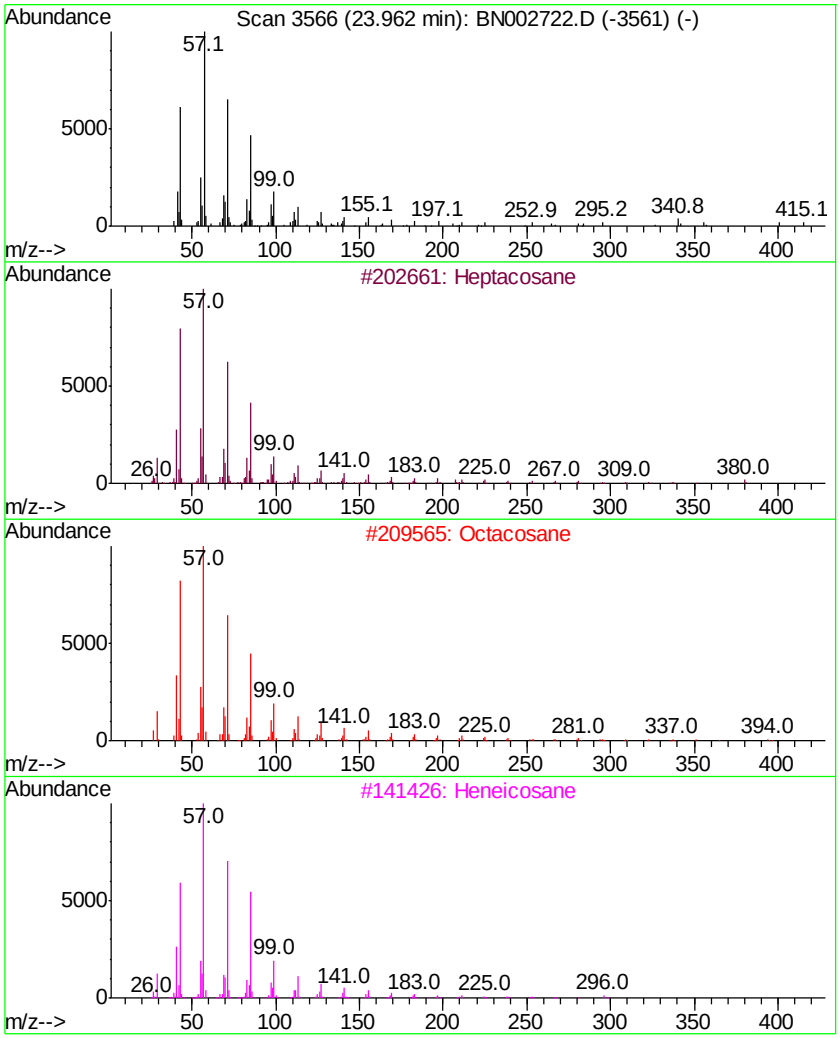
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

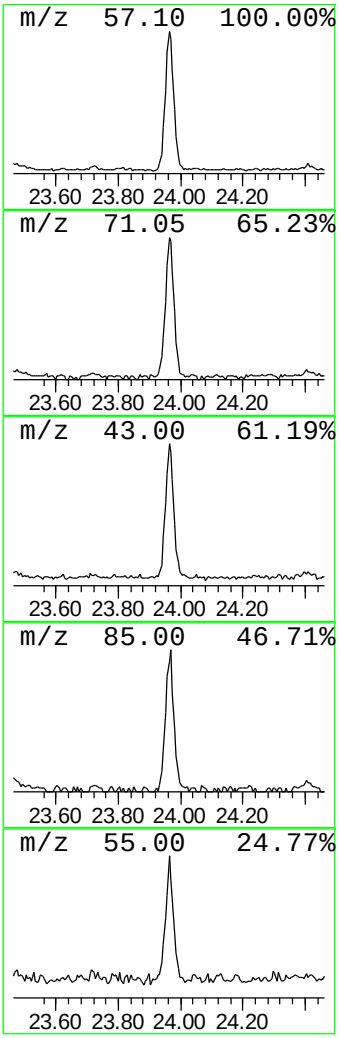
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.90 ng/ul	240198	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Triacontane	422	C30H62	000638-68-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
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Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

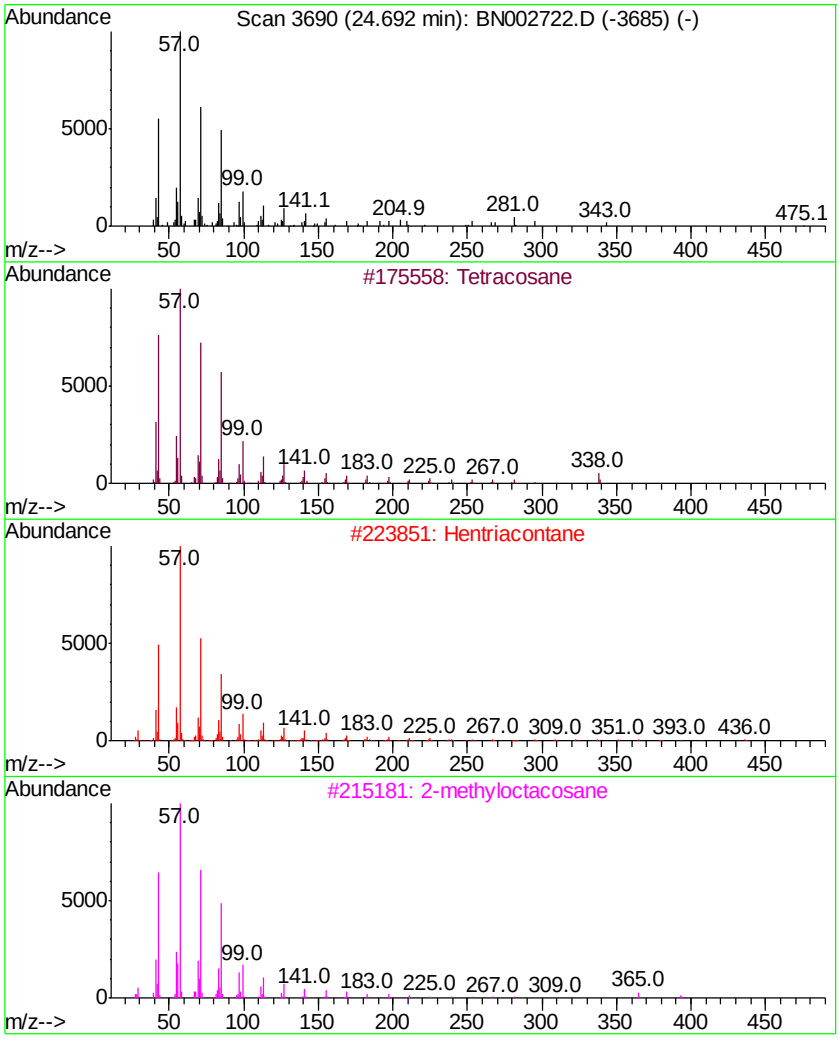
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

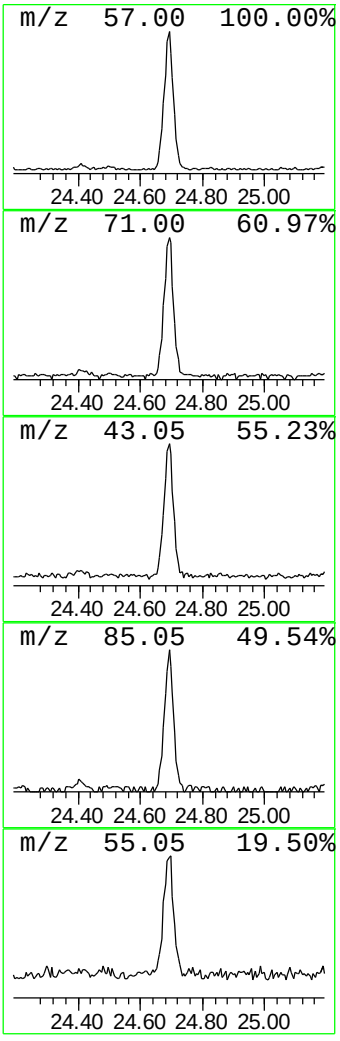
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.68 ng/ul	221348	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091718\
Data File : BN002722.D
Acq On : 17 Sep 2018 12:50
Operator : JU/SJ
Sample : J4868-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3Q8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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
1-Hexanol, 2-ethyl-	7.71	6.1	ng/ul	264118	1	7.65	869838	20.0
Phenol, 2-methoxy-	8.73	4.5	ng/ul	197666	1	7.65	869838	20.0
Propanoic acid, 2...	12.89	2.3	ng/ul	209523	3	14.29	1864010	20.0
Benzaldehyde, 3-h...	13.21	3.3	ng/ul	308930	3	14.29	1864010	20.0
7,9-Di-tert-butyl...	17.71	3.5	ng/ul	374034	4	17.04	2160670	20.0
(DEL) Alkane: Str...	23.96	2.9	ng/ul	240198	6	23.46	1654540	20.0
(DEL) Alkane: Str...	24.69	2.7	ng/ul	221348	6	23.46	1654540	20.0