LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	6.349	489	495	501	rVB2	30376	49181	1.21%	0.229%
2	6.855	572	581	586	rVV	23171	42037	1.04%	0.195%
3	7.002	602	606	614	rVB5	10128	27134	0.67%	0.126%
4	7.108	619	624	629	rVB	21216	32207	0.79%	0.150%
5	7.355	662	666	671	rVB2	19843	28073	0.69%	0.130%
6	7.408	671	675	680	rBV	20325	29650	0.73%	0.138%
7	7.466	680	685	689	rVB	21470	29575	0.73%	0.137%
8	7.525	689	695	702	rBV2	43914	69900	1.72%	0.325%
9	7.637	711	714	721	rVB	22019	31968	0.79%	0.149%
10	7.743	721	732	735	rBV	14965	30278	0.75%	0.141%
11	7.802	735	742	751	rVB2	53504	99313	2.45%	0.462%
12	7.996	770	775	780	rBV	99987	151447	3.74%	0.704%
13	8.043	780	783	787	rVB	23941	31374	0.77%	0.146%
14	8.360	832	837	840	rBV	22257	30380	0.75%	0.141%
15	8.413	840	846	850	rBV	583559	986626	24.33%	4.585%
16	8.455	850	853	860	rVB	231025	322354	7.95%	1.498%
17	8.519	860	864	869	rBV4	17815	28799	0.71%	0.134%
18	8.602	869	878	883	rBV	220260	350145	8.64%	1.627%
19	8.837	911	918	928	rBV	212090	381576	9.41%	1.773%
20	8.913	928	931	935	rVV	15234	23214	0.57%	0.108%
21	8.978	935	942	948	rVB2	19359	41971	1.04%	0.195%
22	9.049	948	954	966	rVB3	50984	86262	2.13%	0.401%
23	9.155	966	972	977	rBV2	24126	41617	1.03%	0.193%
24	9.213	977	982	986	rVB3	15859	26786	0.66%	0.124%
25	9.525	1030	1035	1041	rVB2	36685	62467	1.54%	0.290%
26	9.625	1044	1052	1057	rBV	123493	191547	4.72%	0.890%
27	9.678	1057	1061	1066	rBV	29924	44626	1.10%	0.207%
28	9.843	1083	1089	1098	rBV4	20956	53621	1.32%	0.249%
29	10.013	1114	1118	1121	rBV2	13650	20233	0.50%	0.094%
30	10.154	1137	1142	1146	rBV	18681	27207	0.67%	0.126%
31	10.202	1146	1150	1155	rVB2	20771	31249	0.77%	0.145%
32	10.266	1155	1161	1162	rBV	32017	49141	1.21%	0.228%
33	10.354	1171	1176	1182	rVB4	32135	53702	1.32%	0.250%
34	10.478	1190	1197	1202	rVB2	18421	40954	1.01%	0.190%

LSC Area Percent Report

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Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

35	10.549	1203	1209	1217	rVB5	11577	26546	0.65%	0.123%
36	10.631	1217	1223	1227	rBV3	21067	32817	0.81%	0.153%
37	10.902	1263	1269	1278	rVB5	10746	25578	0.63%	0.119%
38	11.249	1322	1328	1335	rVB	831294	1433406	35.35%	6.661%
39	11.325	1335	1341	1344	rVV3	27020	42217	1.04%	0.196%
40	11.366	1344	1348	1353	rVB3	21934	37356	0.92%	0.174%
41	11.501	1366	1371	1375	rBV4	13315	23312	0.57%	0.108%
42	11.590	1380	1386	1395	rVB2	68928	115587	2.85%	0.537%
43	11.719	1401	1408	1413	rVB2	22103	36248	0.89%	0.168%
44	11.925	1436	1443	1447	rBV7	12933	31268	0.77%	0.145%
45	12.107	1467	1474	1480	rVV5	20749	45664	1.13%	0.212%
46	12.219	1487	1493	1498	rVV4	20001	38513	0.95%	0.179%
47	12.307	1504	1508	1512	rVB	33340	45911	1.13%	0.213%
48	12.454	1528	1533	1543	rVB	54085	80999	2.00%	0.376%
49	12.607	1553	1559	1562	rVV	52261	82010	2.02%	0.381%
50	12.648	1562	1566	1573	rVV	39704	61050	1.51%	0.284%
51	12.748	1573	1583	1588	rVV6	26725	70635	1.74%	0.328%
52	12.848	1596	1600	1603	rVV	18733	29495	0.73%	0.137%
53	12.884	1603	1606	1613	rVB	15077	23753	0.59%	0.110%
54	13.013	1623	1628	1636	rBV4	19157	41736	1.03%	0.194%
55	13.437	1696	1700	1704	rVV	21278	33441	0.82%	0.155%
56	13.543	1712	1718	1722	rBV2	21455	31926	0.79%	0.148%
57	13.601	1723	1728	1735	rVV2	13767	29486	0.73%	0.137%
58	13.760	1750	1755	1760	rVB	35521	51852	1.28%	0.241%
59	13.819	1760	1765	1777	rBV	58550	98894	2.44%	0.460%
60	14.066	1799	1807	1815	rBV5	21730	46545	1.15%	0.216%
61	14.178	1820	1826	1827	rBV3	12860	20160	0.50%	0.094%
62	14.201	1827	1830	1841	rVB7	12811	30584	0.75%	0.142%
63	14.360	1850	1857	1863	rBV7	21921	56515	1.39%	0.263%
64	14.472	1873	1876	1880	rVB4	20562	27949	0.69%	0.130%
65	14.631	1898	1903	1910	rVB6	21655	51818	1.28%	0.241%
66	14.731	1913	1920	1926	rBV5	12413	27024	0.67%	0.126%
67	14.878	1941	1945	1950	rVB	168982	220882	5.45%	1.026%
68	15.031	1964	1971	1981	rBV2	1233393	1965883	48.48%	9.136%
69	15.142	1985	1990	1995	rBV	63995	84470	2.08%	0.393%
70	15.307	2012	2018	2025	rBV2	43794	84013	2.07%	0.390%
71	15.401	2031	2034	2039	rVB2	18297	26413	0.65%	0.123%

LSC Area Percent Report

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Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

72	15.560	2055	2061	2067	rVB5	19583	45877	1.13%	0.213%
73	15.642	2067	2075	2088	rBV	281660	480448	11.85%	2.233%
74	15.760	2091	2095	2099	rVV	67754	95480	2.35%	0.444%
75	15.825	2099	2106	2111	rVB	67226	119188	2.94%	0.554%
76	16.225	2168	2174	2178	rVB2	21674	34734	0.86%	0.161%
77	16.613	2235	2240	2246	rVB5	20640	32161	0.79%	0.149%
78	16.678	2246	2251	2254	rBV	69810	104272	2.57%	0.485%
79	16.813	2270	2274	2280	rBV3	27134	39973	0.99%	0.186%
80	17.407	2368	2375	2382	rBV	2776039	4054637	100.00%	18.842%
81	17.460	2382	2384	2390	rVV	80895	107616	2.65%	0.500%
82	17.513	2390	2393	2396	rVV	17192	25499	0.63%	0.118%
83	17.760	2427	2435	2441	rBV2	1600937	2380518	58.71%	11.063%
84	18.013	2471	2478	2479	rBV5	10987	20552	0.51%	0.096%
85	18.195	2505	2509	2517	rVB2	47796	62363	1.54%	0.290%
86	18.372	2535	2539	2543	rVB	16942	20924	0.52%	0.097%
87	18.878	2621	2625	2631	rVB	36943	44980	1.11%	0.209%
88	19.495	2726	2730	2732	rBV	30048	35267	0.87%	0.164%
89	19.519	2732	2734	2737	rVB3	23560	23140	0.57%	0.108%
90	20.060	2823	2826	2830	rVB2	21710	24481	0.60%	0.114%
91	20.583	2912	2915	2920	rBV2	20595	24182	0.60%	0.112%
92	21.077	2996	2999	3002	rBV2	19548	21013	0.52%	0.098%
93	21.536	3074	3077	3082	rVB2	37257	43463	1.07%	0.202%
94	21.877	3130	3135	3141	rBV2	1914240	2534429	62.51%	11.778%
95	21.977	3150	3152	3157	rVB	21462	22779	0.56%	0.106%
96	22.448	3229	3232	3238	rVB2	38133	49377	1.22%	0.229%
97	22.954	3315	3318	3322	rBV2	35710	45415	1.12%	0.211%
98	23.513	3410	3413	3420	rVB	45313	69840	1.72%	0.325%
99	24.148	3517	3521	3527	rVB3	55137	97364	2.40%	0.452%
100	24.360	3548	3557	3567	rBV2	990077	2100056	51.79%	9.759%

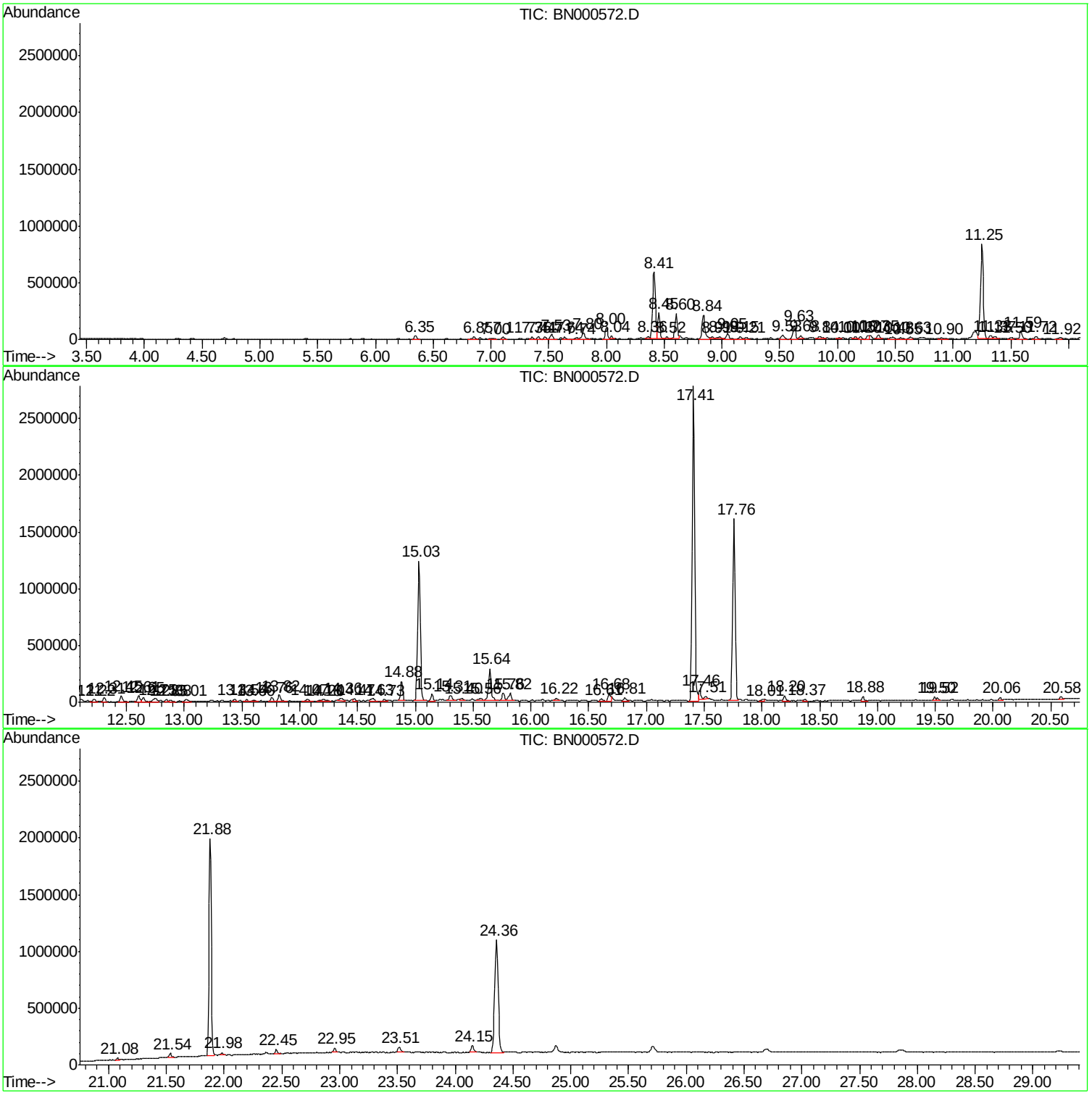
Sum of corrected areas: 21518598

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
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Sample : J1905-17DL3 600X
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Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

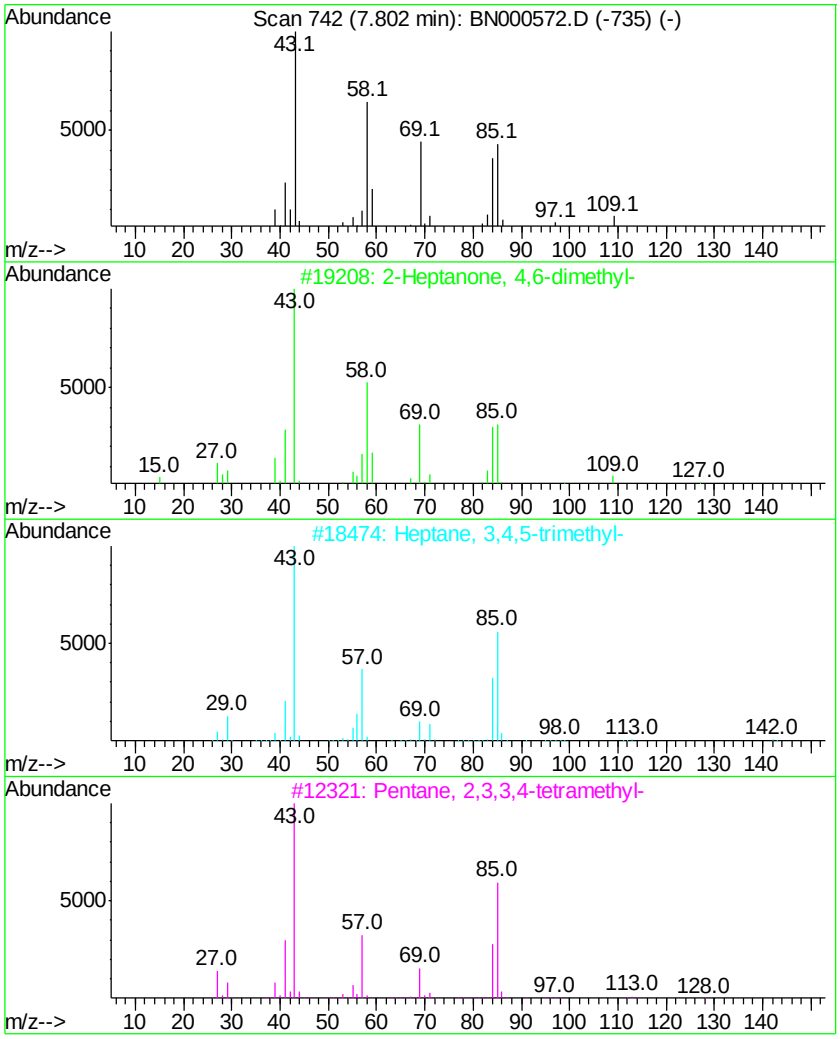
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

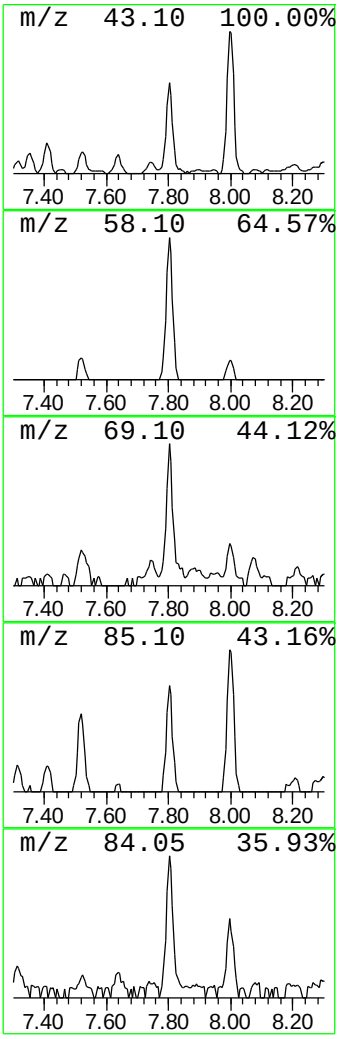
****

Peak Number 1 2-Heptanone, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.01 ng/ul	99313	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
3	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	37
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	37
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

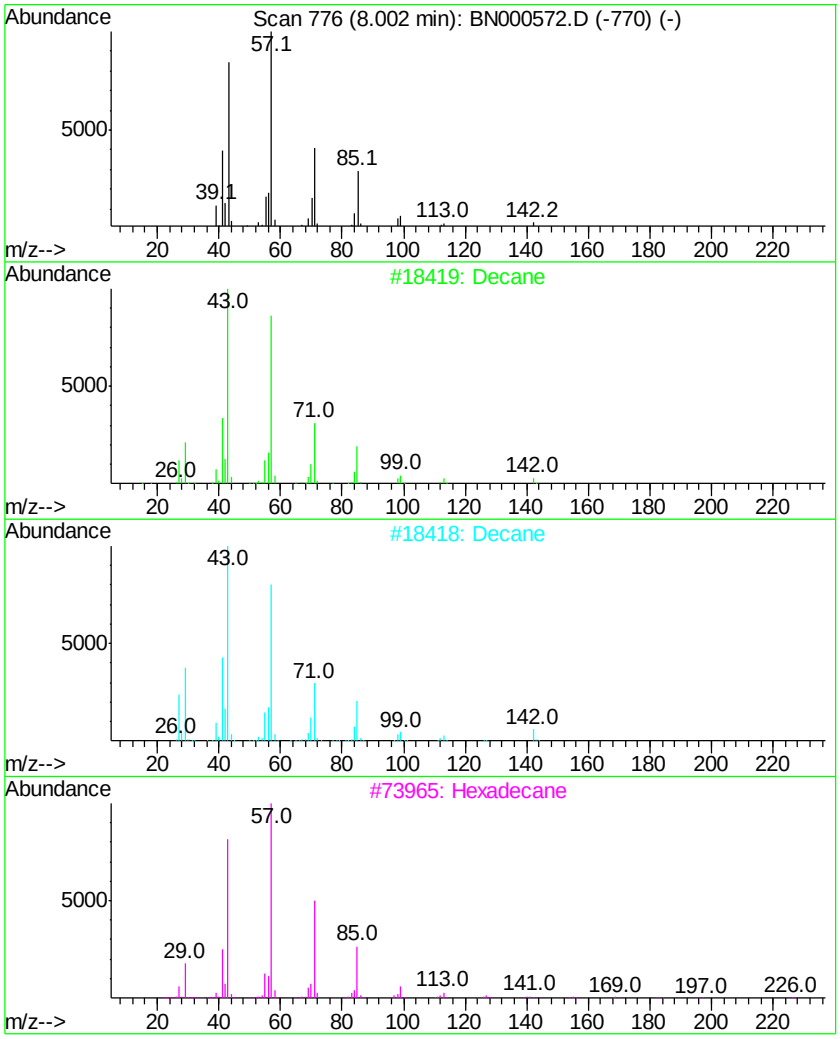
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

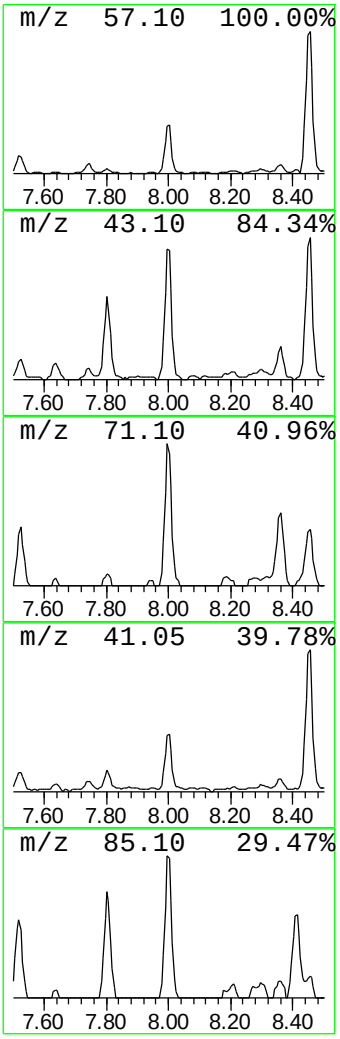
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.07 ng/ul	151447	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane	156	C11H24	001120-21-4	72
5	Tridecane	184	C13H28	000629-50-5	72





Library Search Compound Report

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Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

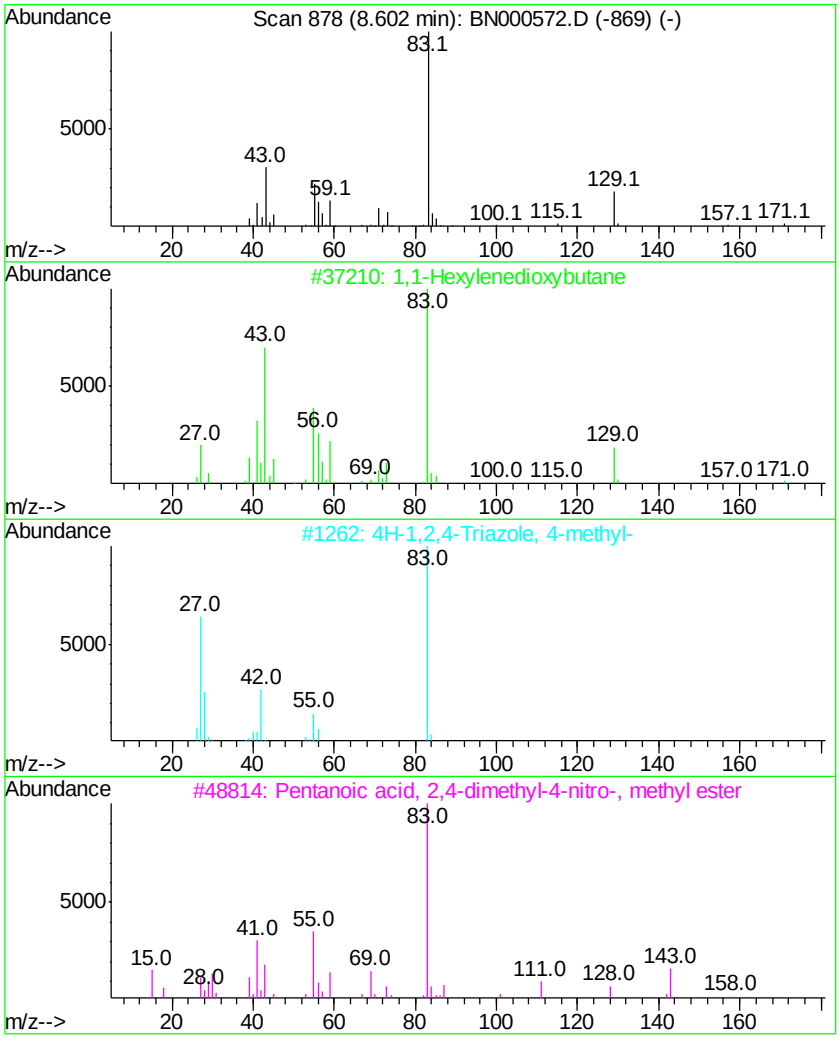
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

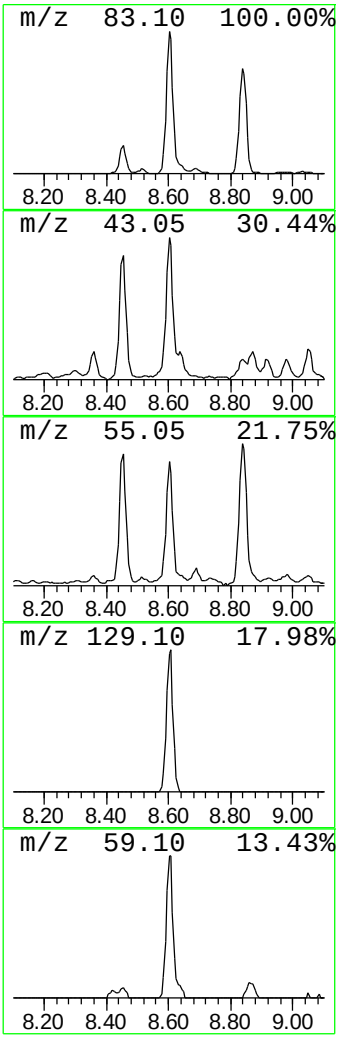
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	7.10 ng/ul	350145	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	47
2	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	40
3	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	33
5	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	33





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
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Acq On : 23 Mar 2018 11:54
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Sample : J1905-17DL3 600X
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

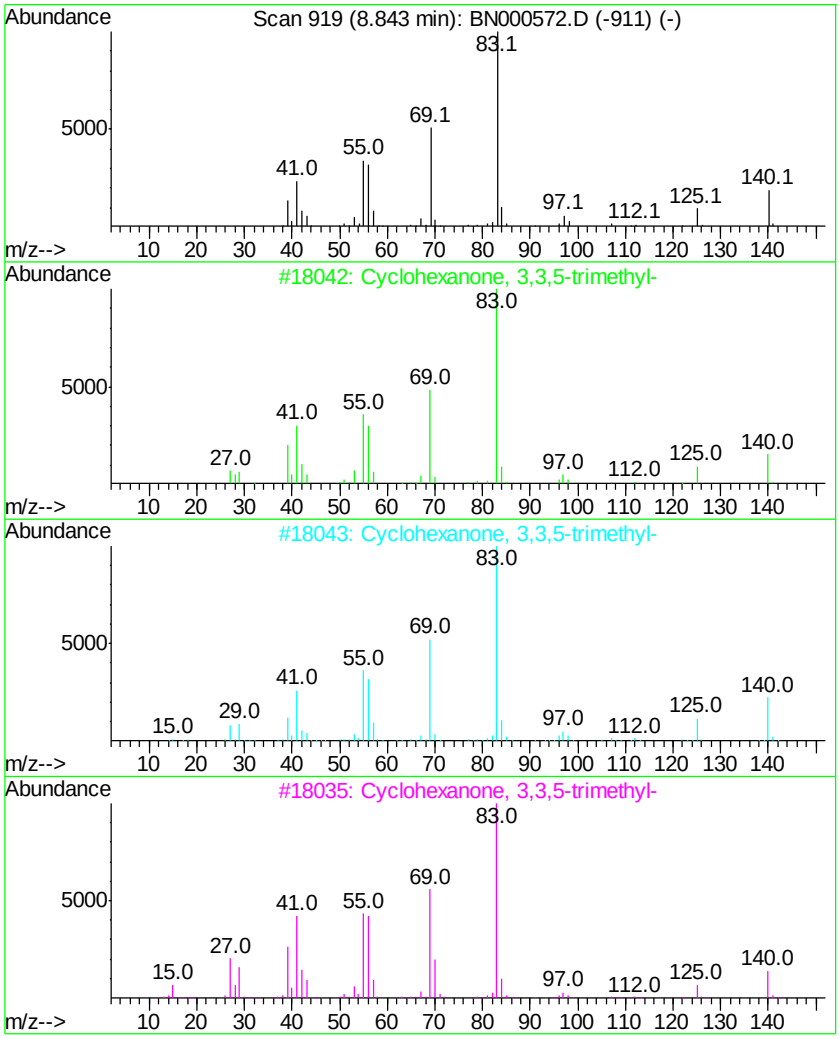
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

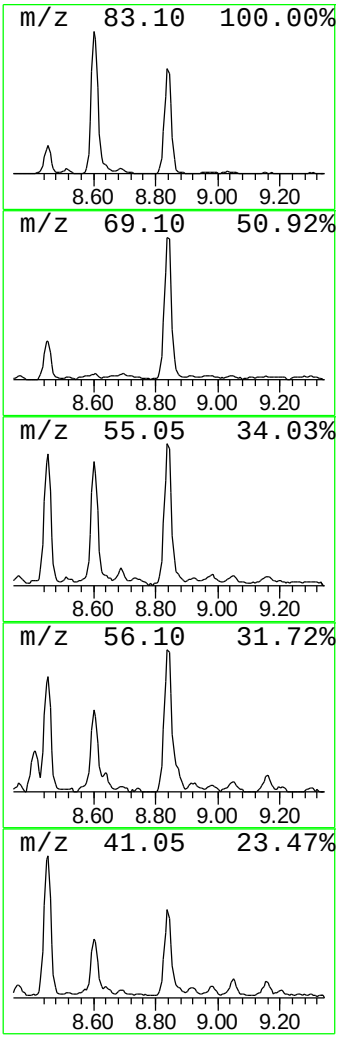
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	7.73 ng/ul	381576	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

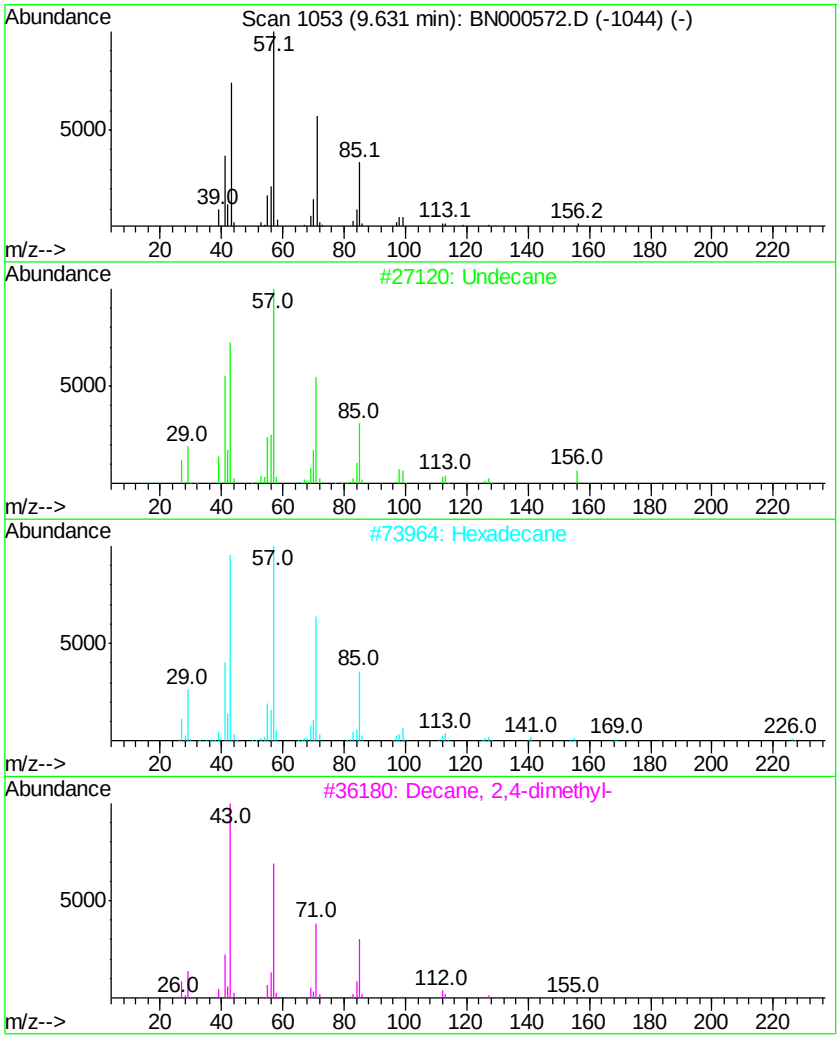
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

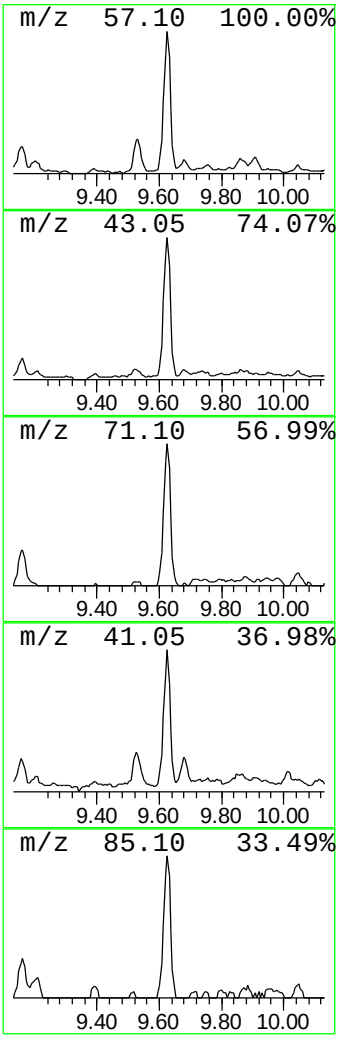
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.88 ng/ul	191547	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Decane	142	C10H22	000124-18-5	64





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

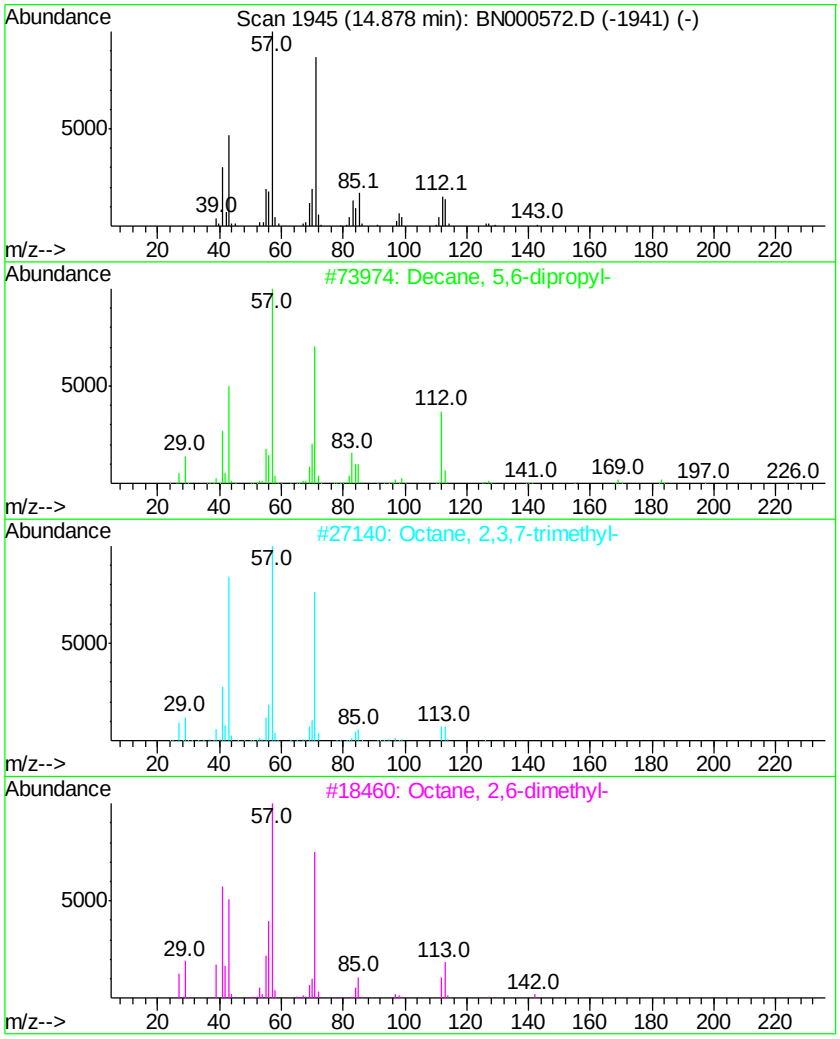
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

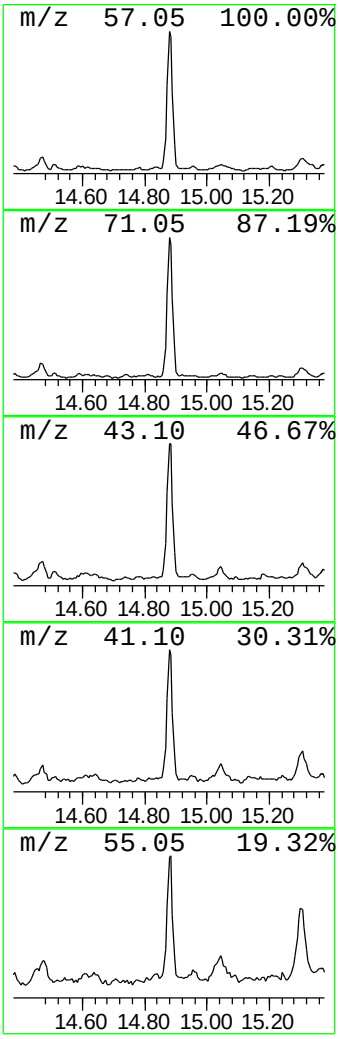
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.25 ng/ul	220882	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	80
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000572.D
Acq On : 23 Mar 2018 11:54
Operator : JU/SJ
Sample : J1905-17DL3 600X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Heptanone, 4,6-...	7.80	2.0	ng/ul	99313	1	8.41	986626	20.0
(DEL) Alkane: Str...	8.00	3.1	ng/ul	151447	1	8.41	986626	20.0
unknown-01	8.60	7.1	ng/ul	350145	1	8.41	986626	20.0
Cyclohexanone, 3,...	8.84	7.7	ng/ul	381576	1	8.41	986626	20.0
(DEL) Alkane: Str...	9.63	3.9	ng/ul	191547	1	8.41	986626	20.0
(DEL) Alkane: Str...	14.88	2.3	ng/ul	220882	3	15.03	1965880	20.0