LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002716.D
Acq On : 15 Sep 2018 07:11
Operator : JU/SJ
Sample : J4865-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3P8

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	3.222	36	40	45	rVB	28211	36420	1.29%	0.091%
2	3.722	120	125	131	rBV	40038	54534	1.93%	0.136%
3	3.834	140	144	152	rVB	24273	37223	1.32%	0.093%
4	4.146	191	197	203	rBV	50298	70836	2.51%	0.177%
5	4.540	260	264	270	rBV	27024	36965	1.31%	0.092%
6	6.352	565	572	579	rBV	536540	837385	29.68%	2.095%
7	6.840	649	655	669	rBV	470844	784528	27.81%	1.963%
8	6.993	672	681	692	rBV	398548	614761	21.79%	1.538%
9	7.093	692	698	707	rVB	229306	373318	13.23%	0.934%
10	7.187	708	714	726	rVB	502477	819052	29.03%	2.049%
11	7.652	786	793	802	rBV	684666	1085842	38.49%	2.717%
12	7.922	834	839	840	rBV	23163	30864	1.09%	0.077%
13	7.946	840	843	852	rVB3	31721	51072	1.81%	0.128%
14	8.363	907	914	929	rBV	523564	890791	31.57%	2.229%
15	8.799	981	988	996	rBV	459236	757095	26.83%	1.894%
16	9.516	1104	1110	1118	rBV	379660	637180	22.58%	1.594%
17	10.057	1195	1202	1217	rBV	539118	980323	34.75%	2.453%
18	10.422	1255	1264	1272	rBV	918441	1540719	54.61%	3.855%
19	10.569	1282	1289	1309	rVB	270956	545602	19.34%	1.365%
20	12.569	1625	1629	1637	rBV3	18478	33821	1.20%	0.085%
21	13.698	1814	1821	1825	rBV	914216	1284382	45.52%	3.214%
22	13.745	1825	1829	1840	rVB	477828	658106	23.33%	1.647%
23	13.975	1860	1868	1879	rBV	1131321	1652389	58.57%	4.135%
24	14.287	1914	1921	1928	rBV2	1224718	1846078	65.43%	4.619%
25	14.522	1956	1961	1983	rBV	243231	535736	18.99%	1.341%
26	15.045	2044	2050	2055	rBV	55012	75749	2.68%	0.190%
27	15.286	2084	2091	2098	rBV	1330985	1978206	70.12%	4.950%
28	15.422	2109	2114	2127	rBV	376060	564405	20.00%	1.412%
29	15.663	2149	2155	2171	rBV	972996	1526473	54.10%	3.820%
30	16.298	2257	2263	2273	rVB	51725	76112	2.70%	0.190%
31	16.898	2360	2365	2372	rBV2	31339	56415	2.00%	0.141%
32	17.033	2382	2388	2394	rBV2	1395465	2040933	72.34%	5.107%
33	17.081	2394	2396	2399	rVV	37569	39257	1.39%	0.098%
34	17.133	2399	2405	2416	rVB2	1363726	1973460	69.95%	4.938%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : DB3P8

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

35	17.939	2536	2542	2550	rBV2	82494	152578	5.41%	0.382%
36	18.216	2585	2589	2593	rBV2	65250	90979	3.22%	0.228%
37	18.469	2628	2632	2636	rBV3	67318	95251	3.38%	0.238%
38	19.104	2731	2740	2745	rBV	275006	400958	14.21%	1.003%
39	19.227	2758	2761	2768	rVB8	15744	30607	1.08%	0.077%
40	19.439	2791	2797	2801	rBV2	1656023	2446352	86.71%	6.121%
41	19.657	2830	2834	2840	rBV4	37613	52302	1.85%	0.131%
42	19.816	2858	2861	2865	rVB6	35011	44636	1.58%	0.112%
43	19.892	2870	2874	2877	rBV6	28621	43844	1.55%	0.110%
44	19.986	2886	2890	2894	rVB6	99847	135078	4.79%	0.338%
45	20.033	2894	2898	2902	rBV3	120910	151950	5.39%	0.380%
46	20.133	2912	2915	2920	rVB4	31237	37702	1.34%	0.094%
47	20.280	2935	2940	2943	rBV3	80194	111945	3.97%	0.280%
48	20.327	2945	2948	2951	rVV4	33975	57241	2.03%	0.143%
49	20.380	2951	2957	2961	rVV4	122026	287276	10.18%	0.719%
50	20.422	2961	2964	2972	rVB2	104810	170531	6.04%	0.427%
51	20.610	2994	2996	3000	rVB5	32353	29479	1.04%	0.074%
52	20.674	3003	3007	3009	rBV3	66478	95957	3.40%	0.240%
53	20.851	3034	3037	3039	rBV	53161	60325	2.14%	0.151%
54	20.963	3052	3056	3063	rBV3	243510	517230	18.33%	1.294%
55	21.157	3087	3089	3093	rVB2	37919	34337	1.22%	0.086%
56	21.239	3097	3103	3107	rVV	1905356	2543663	90.16%	6.365%
57	21.274	3107	3109	3116	rVB	226041	253042	8.97%	0.633%
58	22.280	3277	3280	3285	rVB	93332	106853	3.79%	0.267%
59	22.404	3299	3301	3306	rVB	83629	90895	3.22%	0.227%
60	22.786	3361	3366	3372	rBV2	411421	924117	32.75%	2.312%
61	23.263	3442	3447	3450	rBV	185709	329633	11.68%	0.825%
62	23.310	3450	3455	3468	rVB	1263479	2821363	100.00%	7.060%
63	23.451	3472	3479	3486	rBV2	1208085	2285515	81.01%	5.719%
64	23.962	3561	3566	3572	rVB	196087	365943	12.97%	0.916%
65	24.686	3685	3689	3696	rVB2	137098	268067	9.50%	0.671%
66	25.657	3851	3854	3867	rVB	167867	402816	14.28%	1.008%

Sum of corrected areas: 39964497

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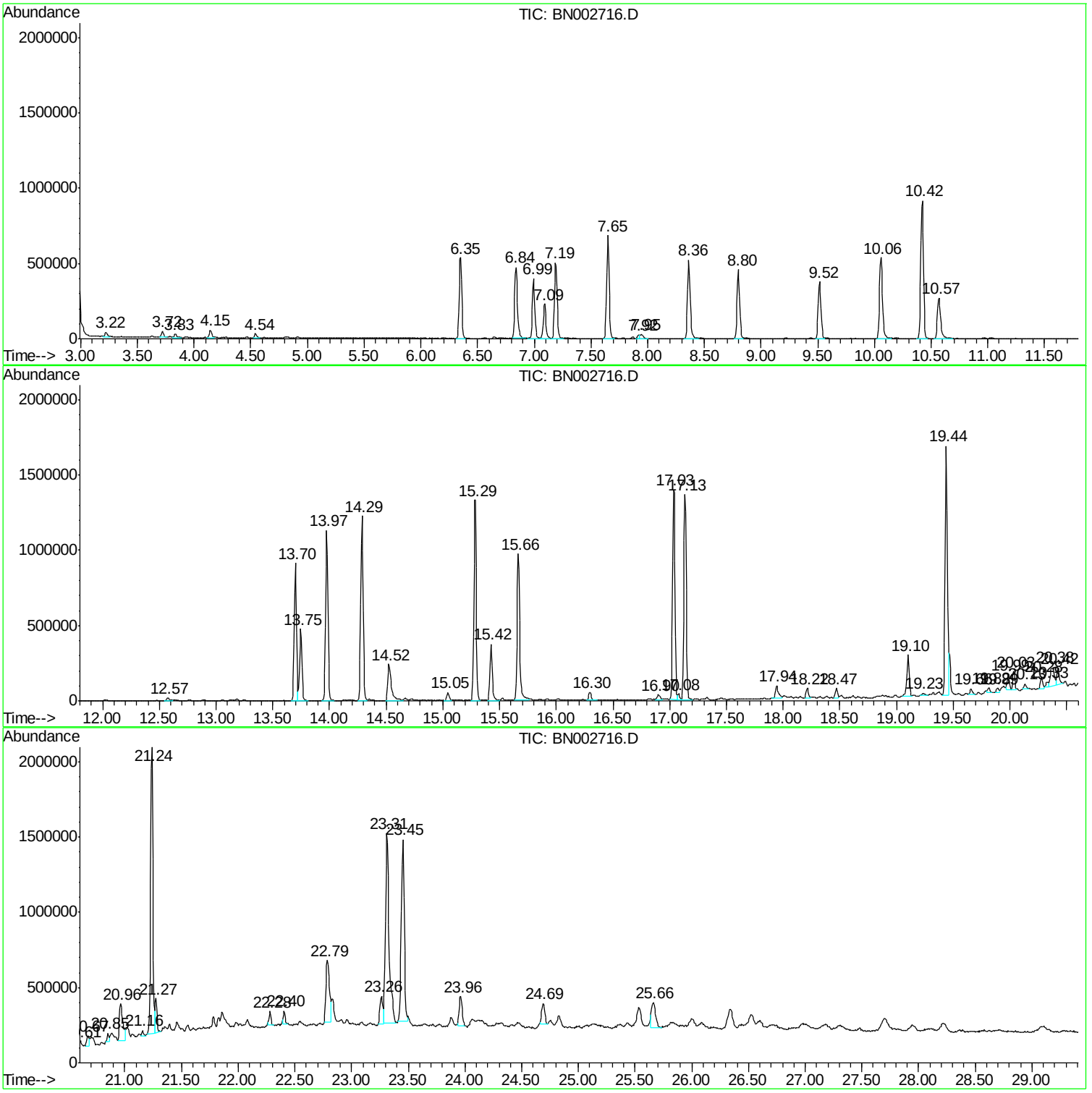
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3P8

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

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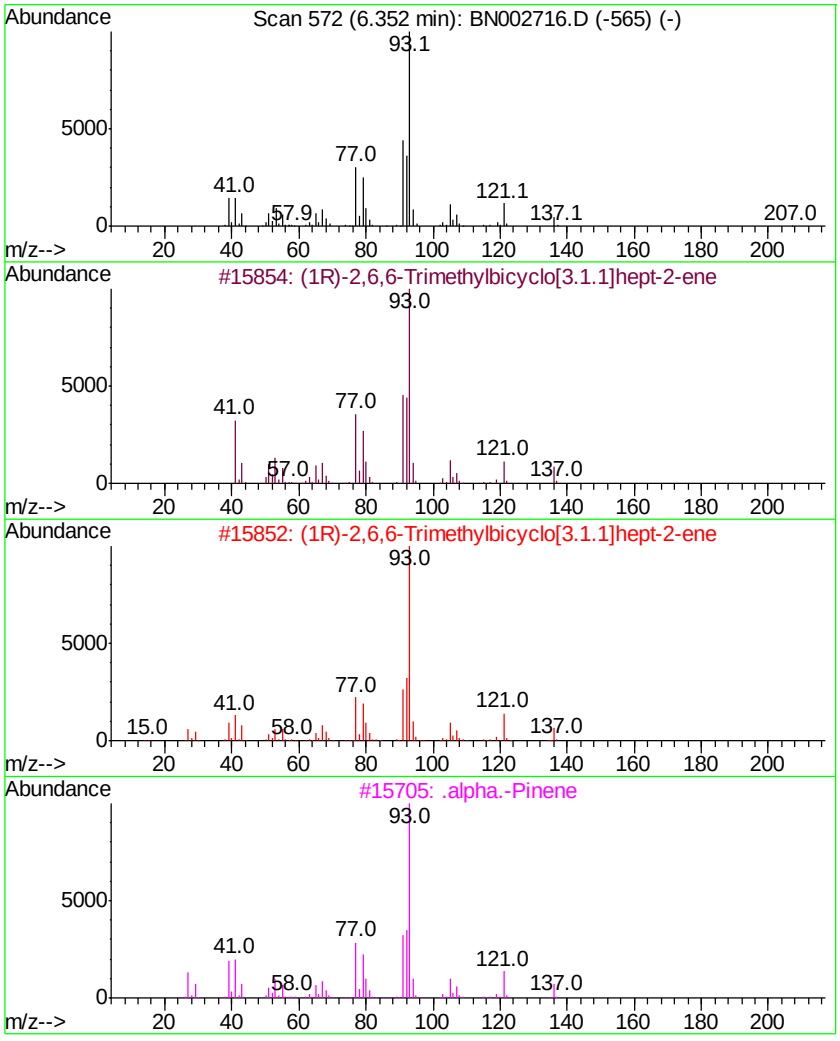
TIC Integration Parameters: LSCINT.P

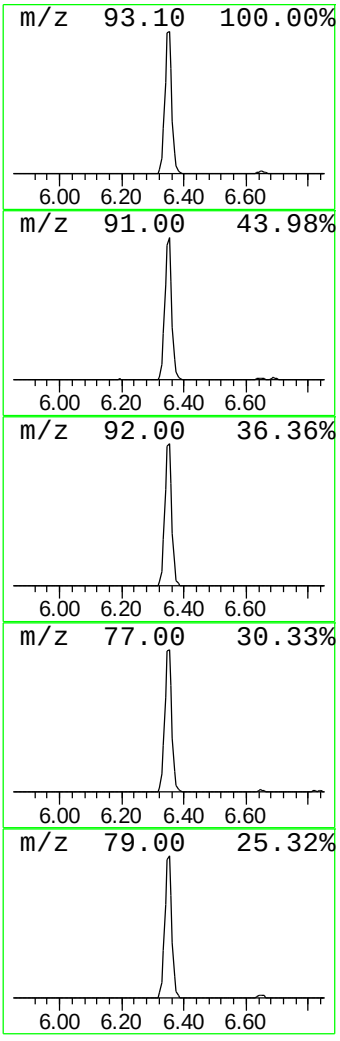
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	15.42 ng/ul	837385	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
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Acq On : 15 Sep 2018 07:11
Operator : JU/SJ
Sample : J4865-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3P8

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

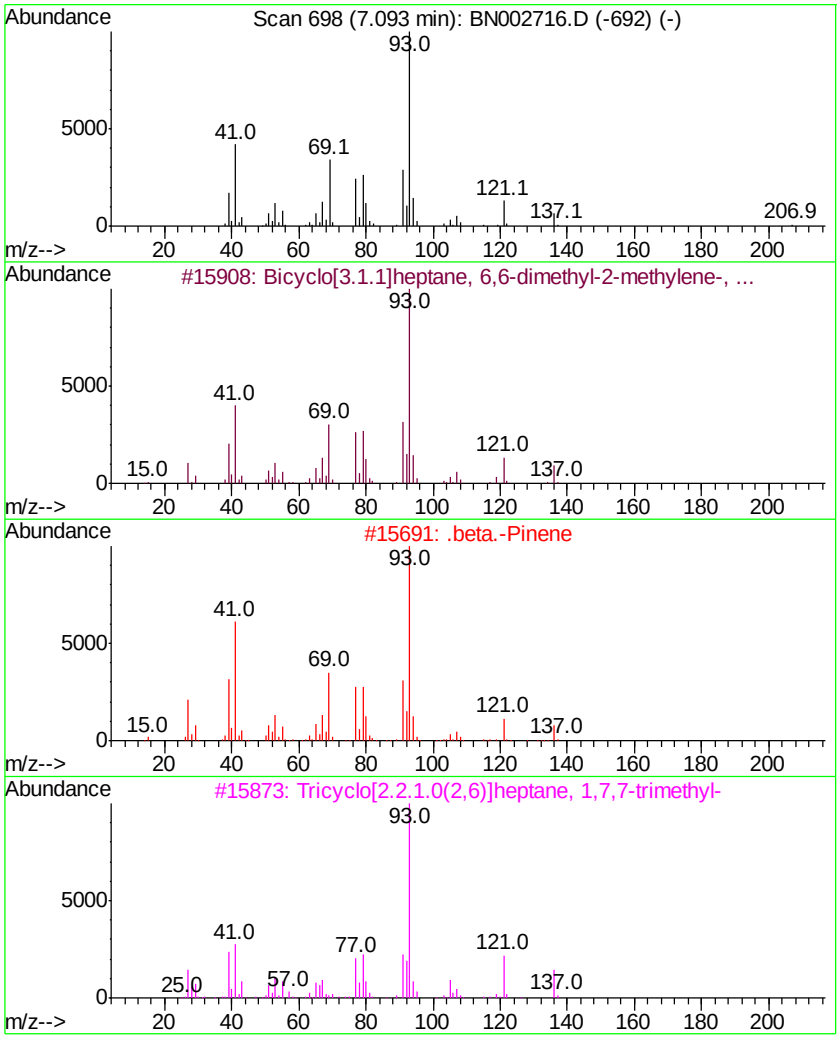
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

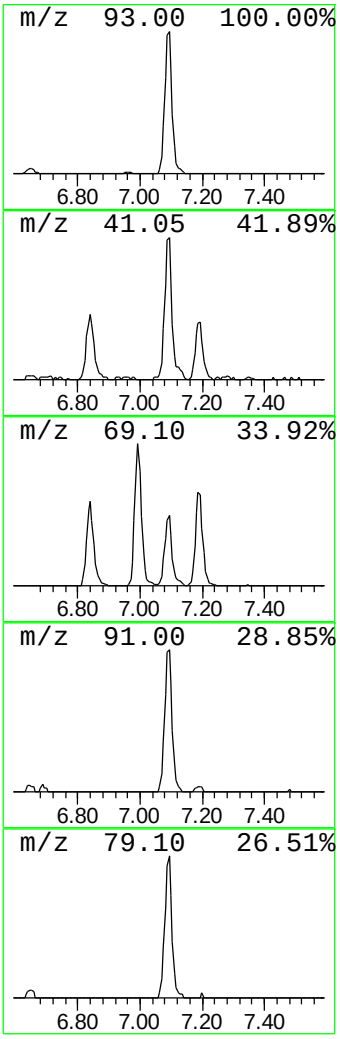
****

Peak Number 2 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	6.88 ng/ul	373318	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2	.beta.-Pinene	136	C10H16	000127-91-3	96
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91





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Sample : J4865-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3P8

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

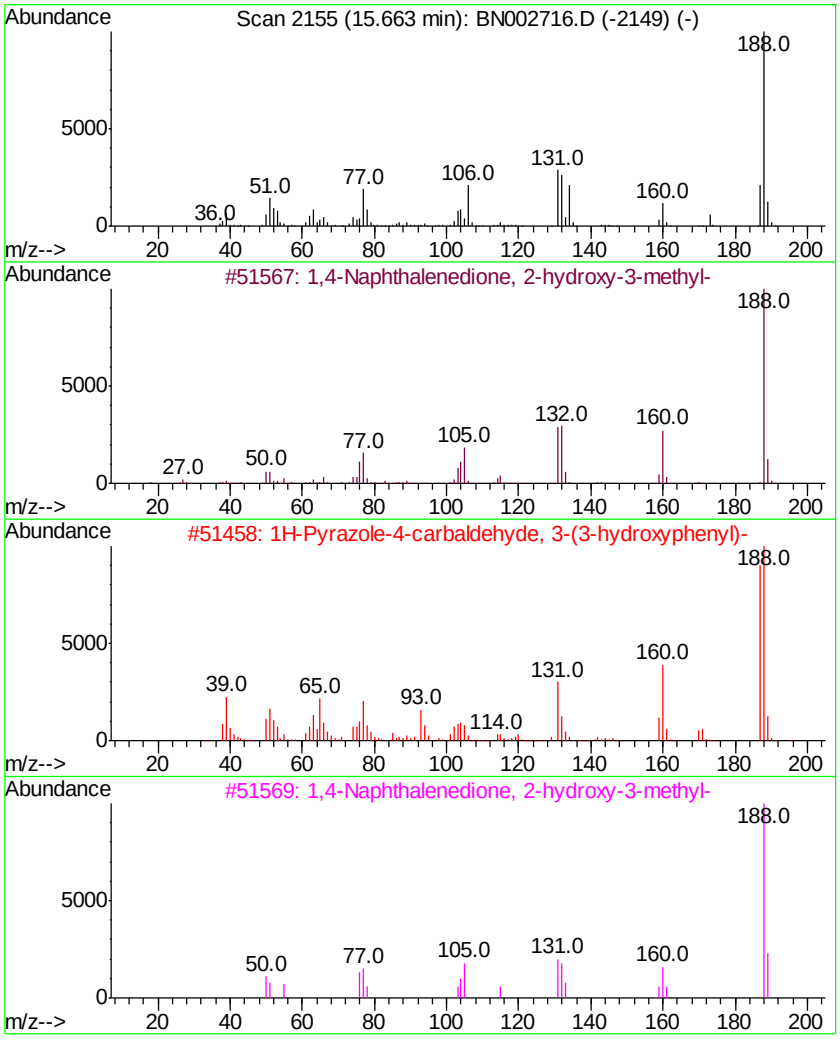
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

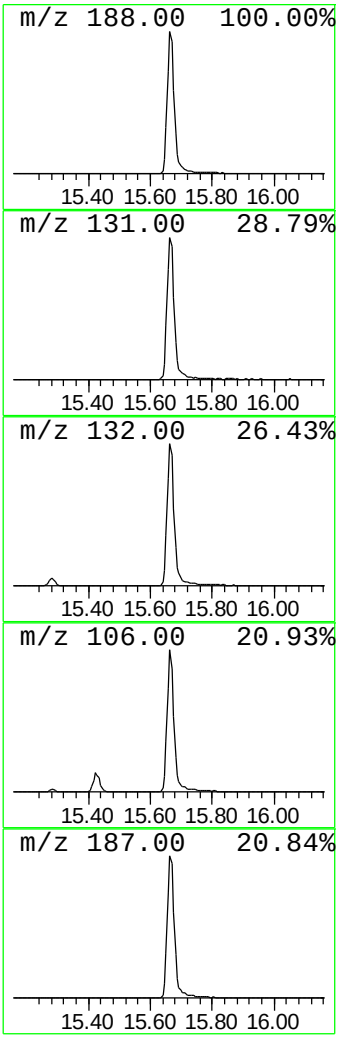
****

Peak Number 3 1,4-Naphthalenedione, 2-hyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	14.96 ng/ul	1526470	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	52
2	1H-Pyrazole-4-carbaldehyde, 3-(3...	188	C10H8N2O2	1000316-71-6	47
3	1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	43
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	43
5	1H,9H-Pyrazolo[1,2-a]indazole-1,...	188	C10H8N2O2	054789-27-4	38





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

TIC Library : C:\Database\NIST11.L
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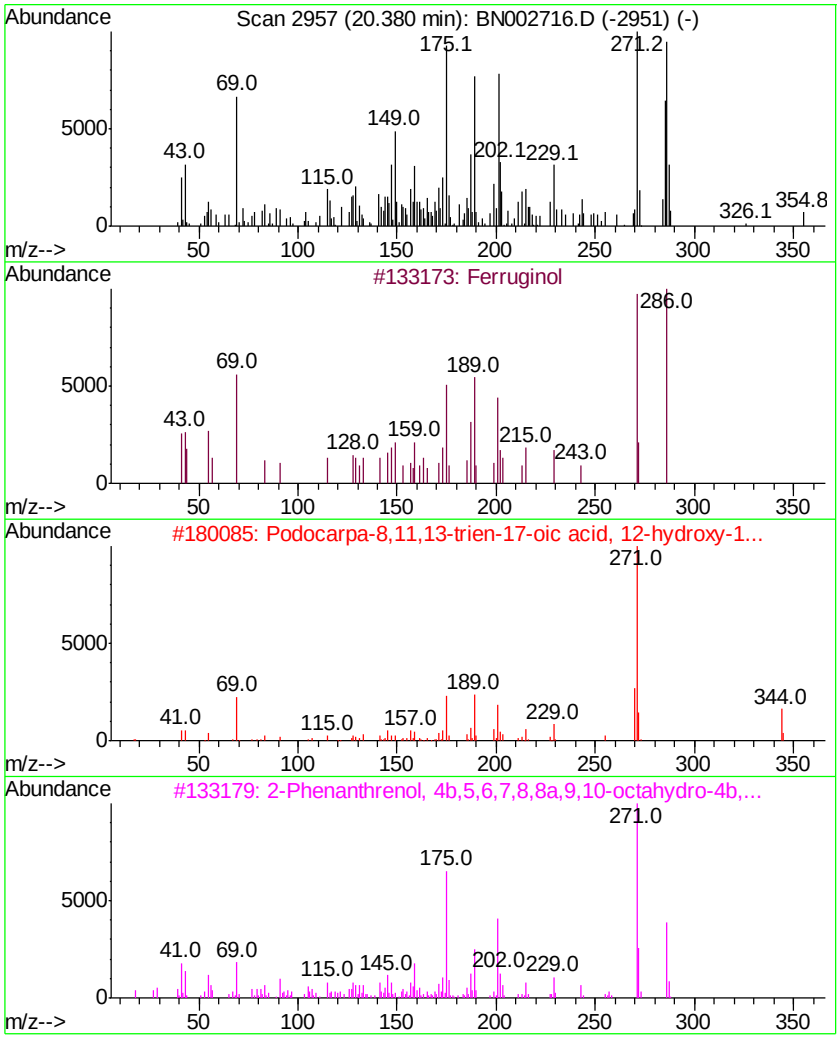
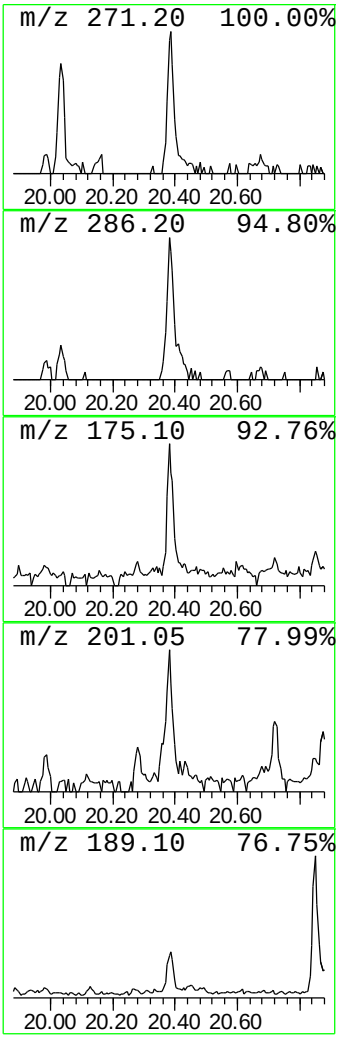
Peak Number 4 Ferruginol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.26 ng/ul	287276	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferruginol	286	C20H30O	000514-62-5	89
2	Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	38
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	30
4	2-Di(tert-butyl)silyloxynaphthalene	286	C18H26OSi	1000307-94-6	25
5	1-(4-Methyl-[1,1':4',1'']terphen...	286	C21H18O	149248-34-0	25





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Quant Title : SVOA CALIBRATION

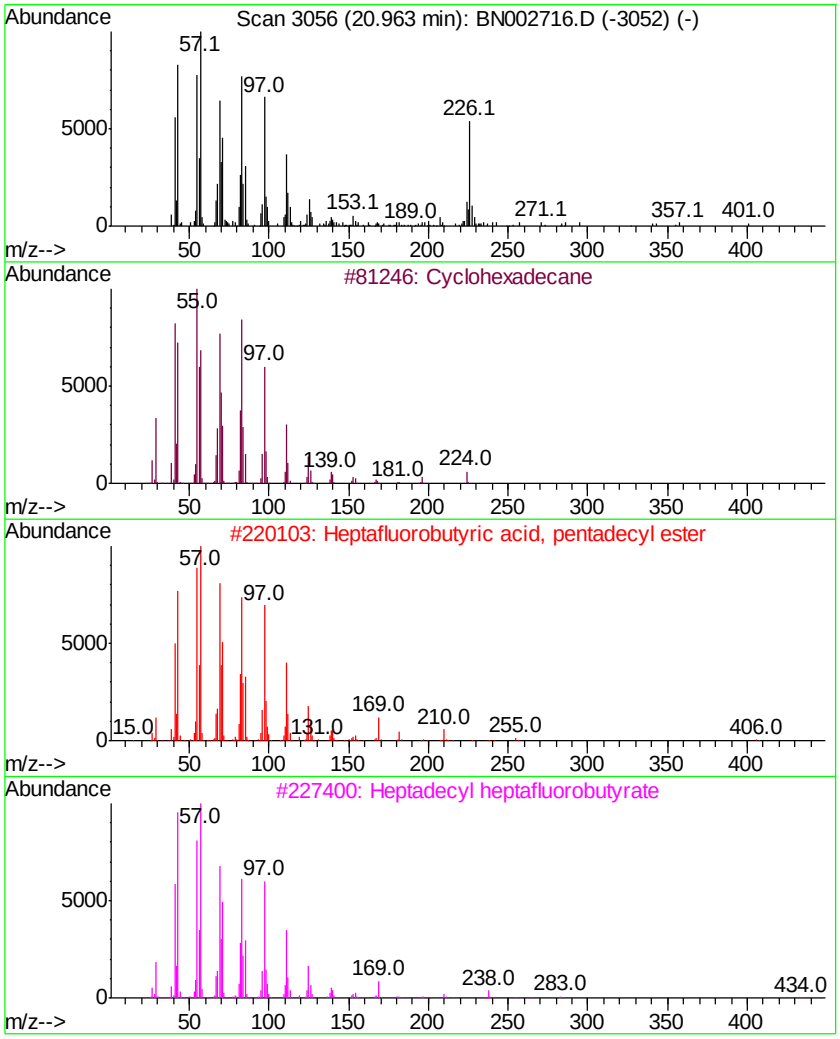
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

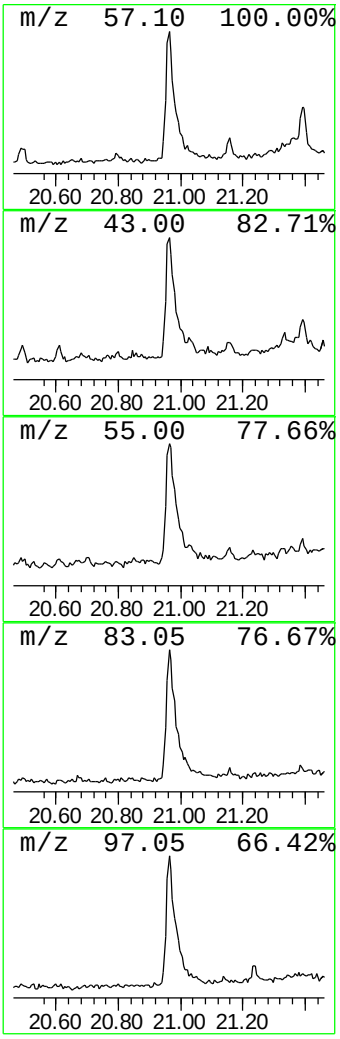
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.07 ng/ul	517230	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	78
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
4	Cyclooctacosane	392	C28H56	000297-24-5	76
5	1-Tricosene	322	C23H46	018835-32-0	76





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

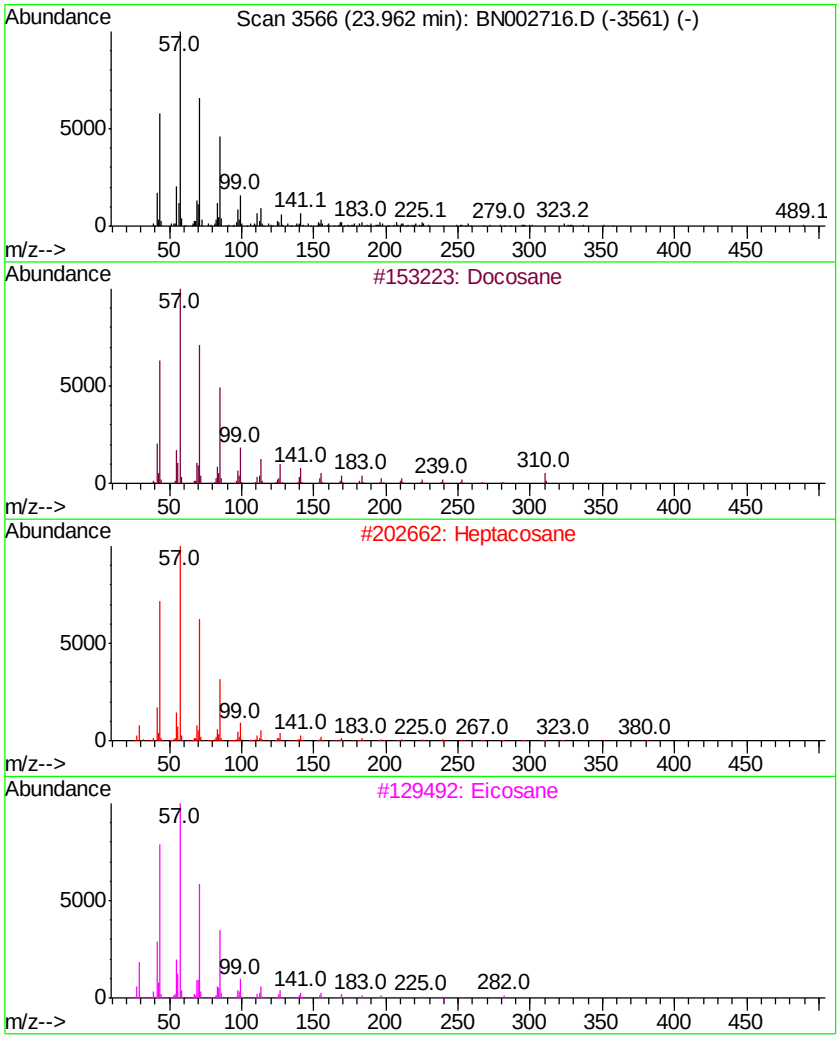
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

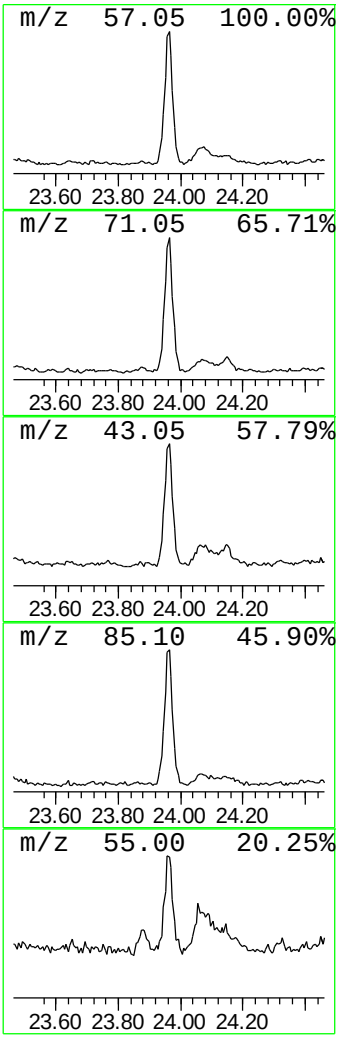
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.20 ng/ul	365943	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Operator : JU/SJ
Sample : J4865-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3P8

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

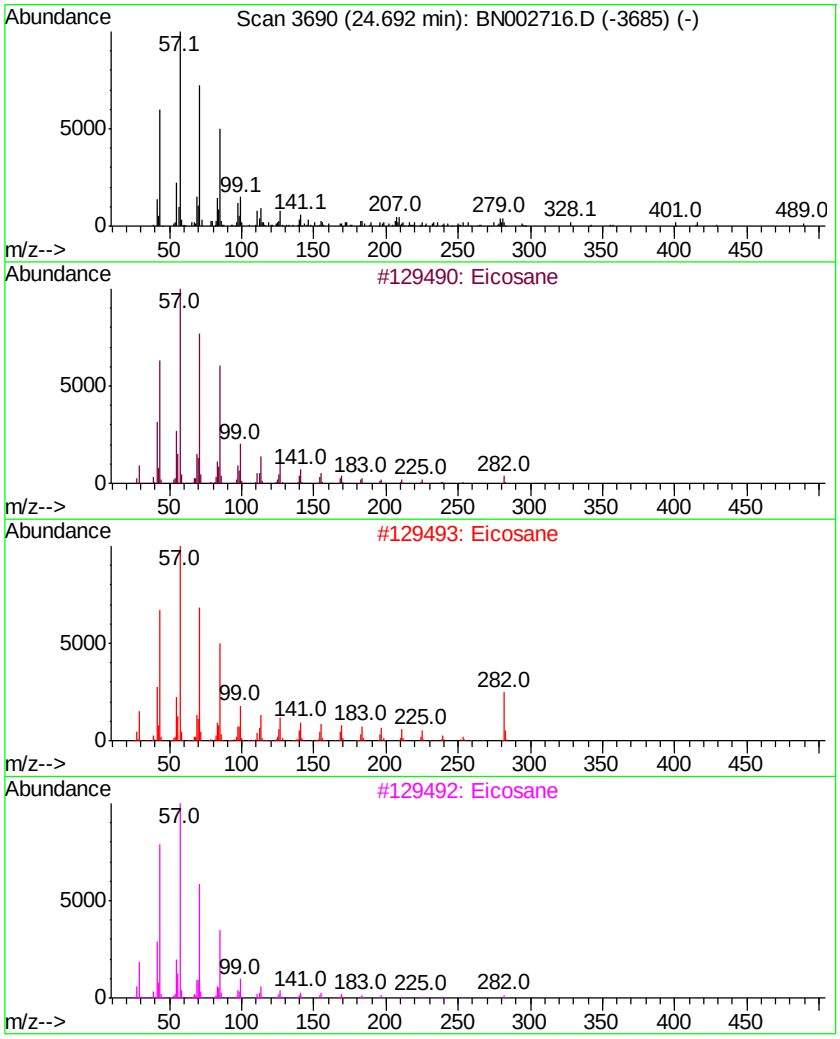
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

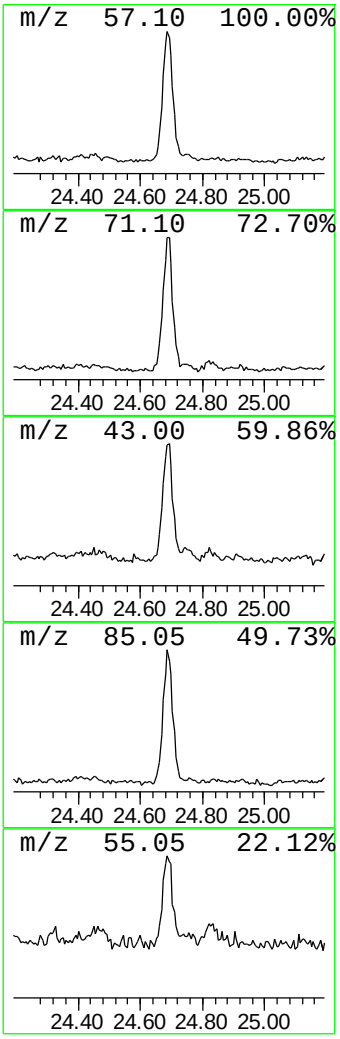
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.35 ng/ul	268067	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Eicosane	282	C20H42	000112-95-8	78
5	Heneicosane	296	C21H44	000629-94-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002716.D
Acq On : 15 Sep 2018 07:11
Operator : JU/SJ
Sample : J4865-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3P8

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
(1R)-2,6,6-Trimet...	6.35	15.4	ng/ul	837385	1	7.65	1085840	20.0
Bicyclo[3.1.1]hep...	7.09	6.9	ng/ul	373318	1	7.65	1085840	20.0
1,4-Naphthalenedi...	15.66	15.0	ng/ul	1526470	4	17.03	2040930	20.0
Ferruginol	20.38	2.3	ng/ul	287276	5	21.24	2543660	20.0
(DEL) Alkane: Str...	20.96	4.1	ng/ul	517230	5	21.24	2543660	20.0
(DEL) Alkane: Str...	23.96	3.2	ng/ul	365943	6	23.45	2285520	20.0
(DEL) Alkane: Str...	24.69	2.4	ng/ul	268067	6	23.45	2285520	20.0