LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002691.D
Acq On : 14 Sep 2018 16:26
Operator : JU/SJ
Sample : J4865-24
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3M9

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	3.252	42	45	52	rVB	60843	79800	1.88%	0.090%
2	4.817	306	311	322	rBV	162115	246264	5.81%	0.277%
3	6.805	642	649	652	rBV	335578	542046	12.80%	0.609%
4	6.864	652	659	676	rVV2	619171	1515944	35.79%	1.703%
5	6.993	676	681	691	rVV	284020	438315	10.35%	0.492%
6	7.087	691	697	708	rVV	315762	497722	11.75%	0.559%
7	7.187	708	714	726	rVB	355774	579819	13.69%	0.651%
8	7.652	786	793	802	rBV	463695	747256	17.64%	0.840%
9	8.364	907	914	927	rBV	380177	653113	15.42%	0.734%
10	8.711	966	973	980	rVB	444653	728884	17.21%	0.819%
11	8.799	980	988	992	rBV	328430	550659	13.00%	0.619%
12	8.840	992	995	1010	rVB	193569	336205	7.94%	0.378%
13	9.516	1103	1110	1112	rBV	272449	437777	10.33%	0.492%
14	9.546	1112	1115	1123	rVB	338230	568340	13.42%	0.639%
15	10.058	1196	1202	1215	rBV	375480	676633	15.97%	0.760%
16	10.422	1255	1264	1268	rBV	639954	1161925	27.43%	1.305%
17	10.469	1268	1272	1280	rVB	814166	1327331	31.33%	1.491%
18	10.569	1280	1289	1302	rBV	364545	678770	16.02%	0.763%
19	12.087	1540	1547	1562	rBV	1333316	2106022	49.71%	2.366%
20	12.310	1575	1585	1594	rBV	690875	1086336	25.64%	1.221%
21	12.463	1605	1611	1620	rVB	347301	553119	13.06%	0.621%
22	12.787	1659	1666	1680	rBV	974297	1712714	40.43%	1.924%
23	13.110	1715	1721	1725	rBV	1229865	1902970	44.92%	2.138%
24	13.152	1725	1728	1742	rVB	935285	1381553	32.61%	1.552%
25	13.699	1815	1821	1826	rBV	1104296	1512918	35.71%	1.700%
26	13.746	1826	1829	1837	rVB	190024	260947	6.16%	0.293%
27	13.975	1859	1868	1871	rBV	941117	1610953	38.03%	1.810%
28	14.004	1871	1873	1884	rVB	1030968	1279182	30.20%	1.437%
29	14.287	1914	1921	1926	rBV2	823252	1305168	30.81%	1.466%
30	14.351	1926	1932	1941	rVB	1079521	1664913	39.30%	1.871%
31	14.522	1954	1961	1965	rBV3	586838	1232288	29.09%	1.384%
32	14.563	1965	1968	1979	rVV	915417	1393961	32.91%	1.566%
33	14.681	1981	1988	2004	rVB2	796096	1686619	39.81%	1.895%
34	15.122	2053	2063	2067	rBV	850006	1173511	27.70%	1.318%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : DB3M9

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	15.151	2067	2068	2073	rVB	92245	66780	1.58%	0.075%
36	15.287	2084	2091	2095	rBV	1485688	2176054	51.37%	2.445%
37	15.340	2095	2100	2108	rVB	1677365	2296019	54.20%	2.580%
38	15.422	2108	2114	2125	rBV	463515	721914	17.04%	0.811%
39	16.345	2266	2271	2278	rVB	566404	795912	18.79%	0.894%
40	16.804	2346	2349	2357	rBV2	40005	57840	1.37%	0.065%
41	17.040	2383	2389	2392	rBV	927946	1409023	33.26%	1.583%
42	17.081	2392	2396	2401	rVV	1726281	2481828	58.59%	2.788%
43	17.140	2401	2406	2408	rVV	1766917	2666277	62.94%	2.996%
44	17.169	2408	2411	2421	rVB	2938114	4104146	96.88%	4.611%
45	17.457	2455	2460	2467	rVB4	28310	43618	1.03%	0.049%
46	17.698	2496	2501	2507	rBV3	28641	52066	1.23%	0.058%
47	17.939	2538	2542	2550	rBV2	49541	88078	2.08%	0.099%
48	18.469	2628	2632	2641	rBV3	33182	54256	1.28%	0.061%
49	18.887	2698	2703	2709	rVB3	40653	77262	1.82%	0.087%
50	19.104	2731	2740	2749	rBV	1931926	2889045	68.20%	3.246%
51	19.439	2791	2797	2800	rBV2	2065523	3331636	78.65%	3.743%
52	19.469	2800	2802	2812	rVB	1821052	1981487	46.78%	2.226%
53	19.575	2816	2820	2826	rBV3	70433	95287	2.25%	0.107%
54	19.992	2885	2891	2896	rBV3	52012	91714	2.17%	0.103%
55	20.328	2944	2948	2951	rVB	56435	61210	1.44%	0.069%
56	20.916	3044	3048	3052	rBV2	38162	64195	1.52%	0.072%
57	20.969	3052	3057	3063	rVV2	200137	429086	10.13%	0.482%
58	21.022	3064	3066	3074	rVB	90841	128083	3.02%	0.144%
59	21.228	3095	3101	3106	rBV2	1973952	3614341	85.32%	4.061%
60	21.275	3106	3109	3116	rVB	1458592	1825733	43.10%	2.051%
61	21.398	3127	3130	3134	rVB	78939	87996	2.08%	0.099%
62	21.828	3200	3203	3207	rBV	131985	156288	3.69%	0.176%
63	22.033	3234	3238	3244	rVB	1386407	1682620	39.72%	1.890%
64	22.286	3277	3281	3286	rBV	248047	328177	7.75%	0.369%
65	22.410	3299	3302	3308	rVB	84886	103605	2.45%	0.116%
66	22.798	3361	3368	3372	rBV	2344178	4236208	100.00%	4.759%
67	22.839	3372	3375	3385	rVB	1202710	1791353	42.29%	2.013%
68	23.322	3449	3457	3461	rBV	1631071	3605175	85.10%	4.050%
69	23.363	3461	3464	3471	rVV	1235335	2017781	47.63%	2.267%
70	23.457	3474	3480	3492	rVB2	749985	1505065	35.53%	1.691%
71	23.974	3562	3568	3575	rVB	381650	716295	16.91%	0.805%

LSC Area Percent Report

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Sample : J4865-24
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3M9

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

72	24.698	3684	3691	3699	rBV	271745	611699	14.44%	0.687%
73	25.539	3828	3834	3844	rVB2	169981	427155	10.08%	0.480%
74	25.674	3847	3857	3870	rVB2	1270210	3378024	79.74%	3.795%
75	26.345	3961	3971	3984	rVB	1032257	3127140	73.82%	3.513%

Sum of corrected areas: 89007448

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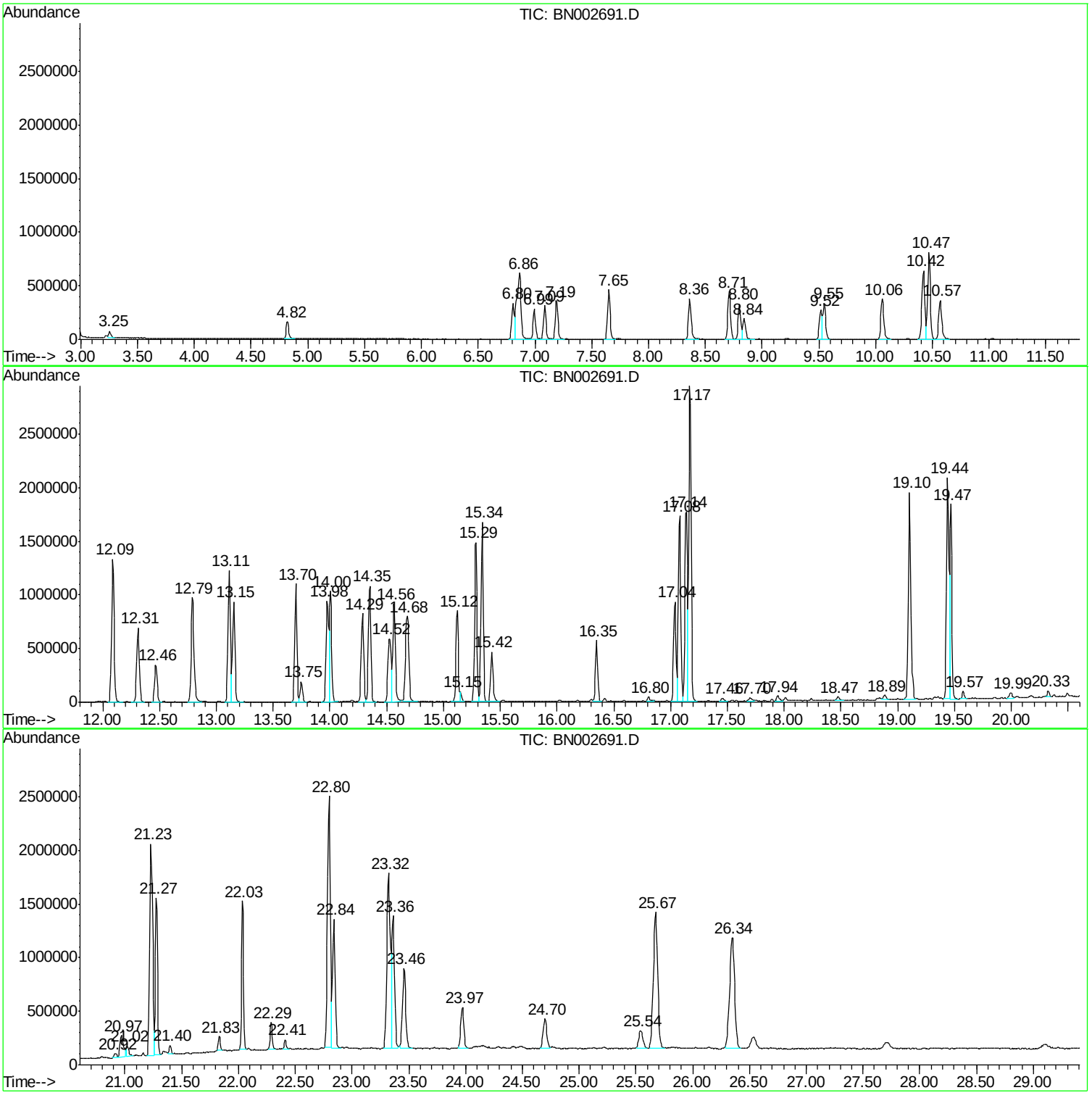
Instrument :
BNA_N
ClientSampleId :
DB3M9

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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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

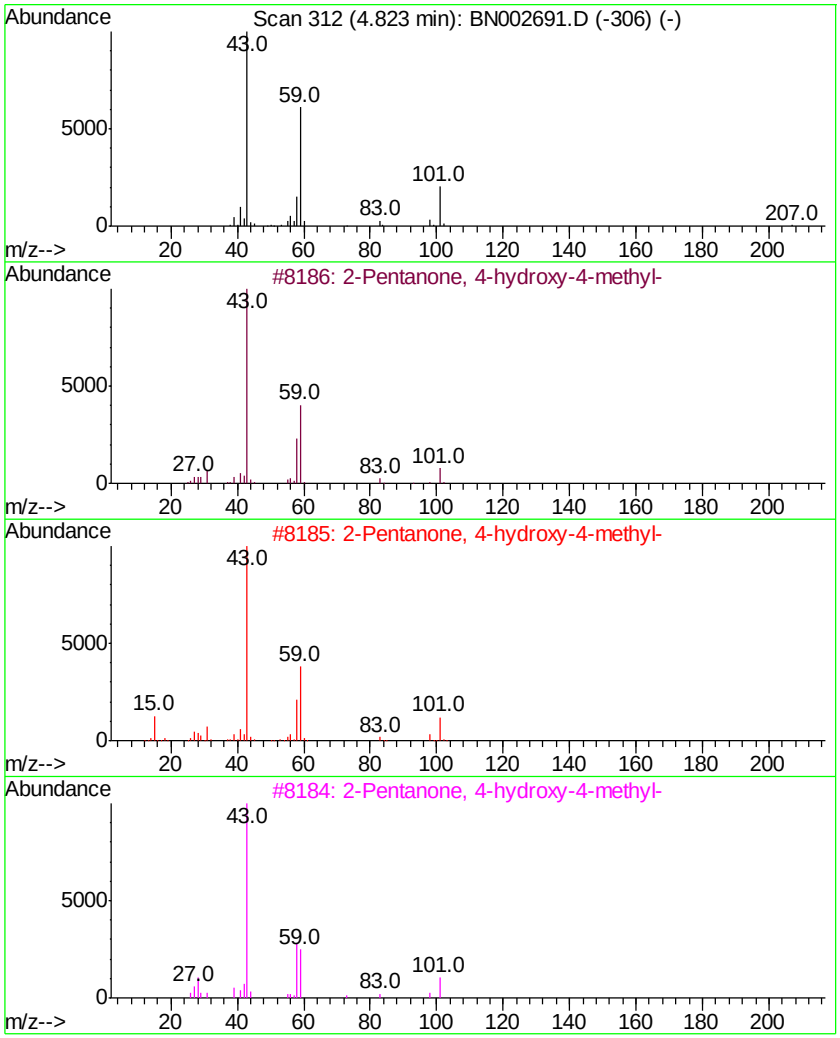
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

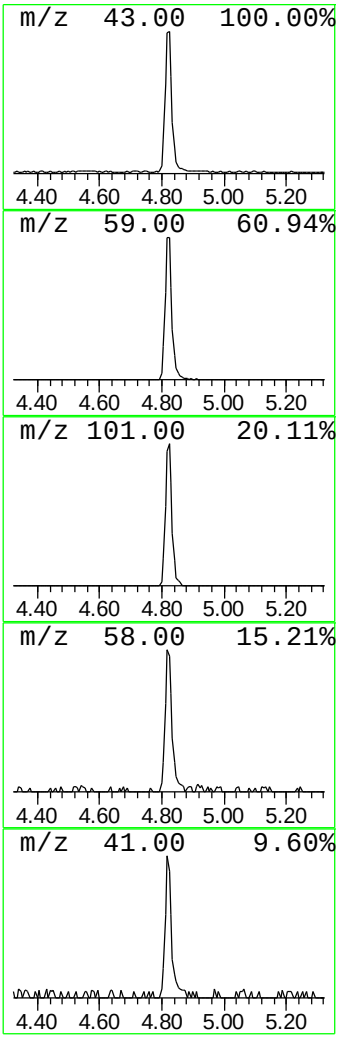
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	6.59 ng/ul	246264	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3M9

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Quant Title : SVOA CALIBRATION

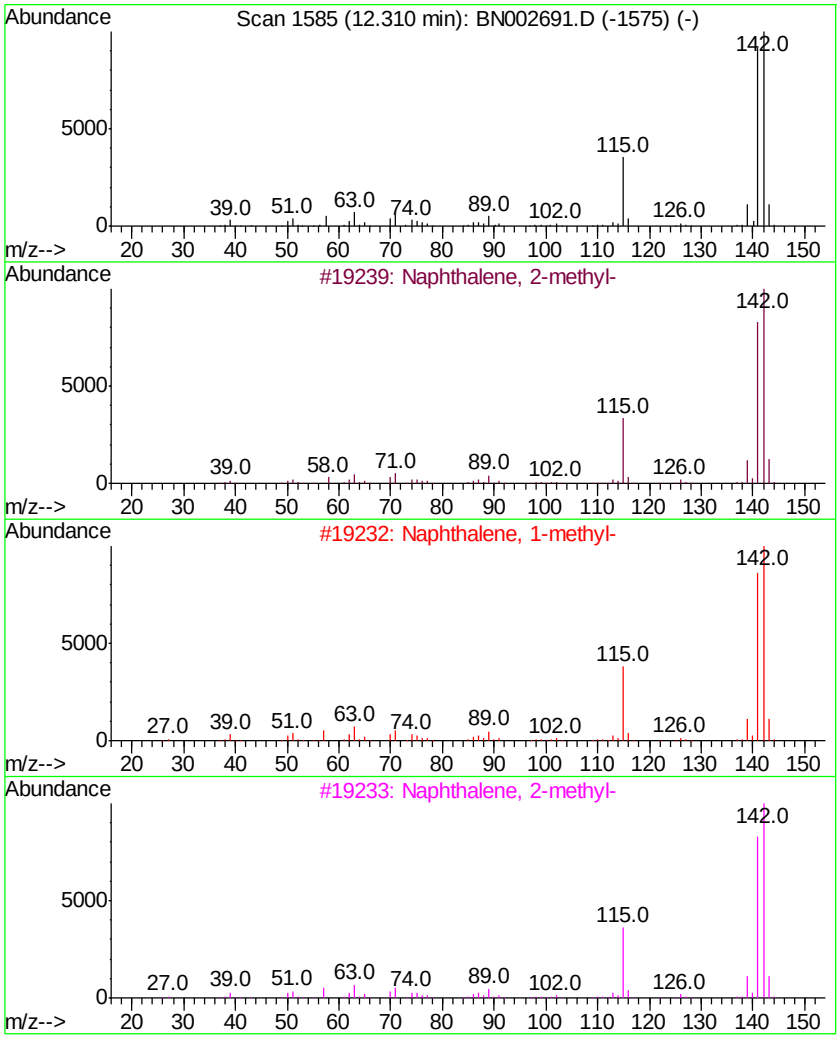
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

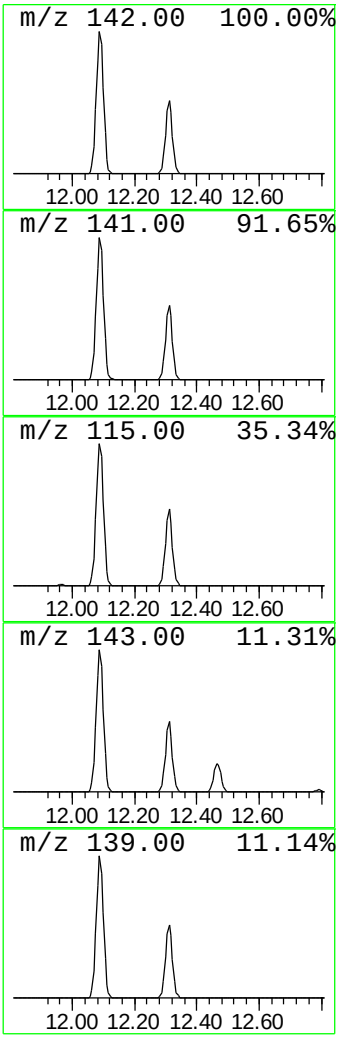
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	18.70 ng/ul	1086340	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3M9

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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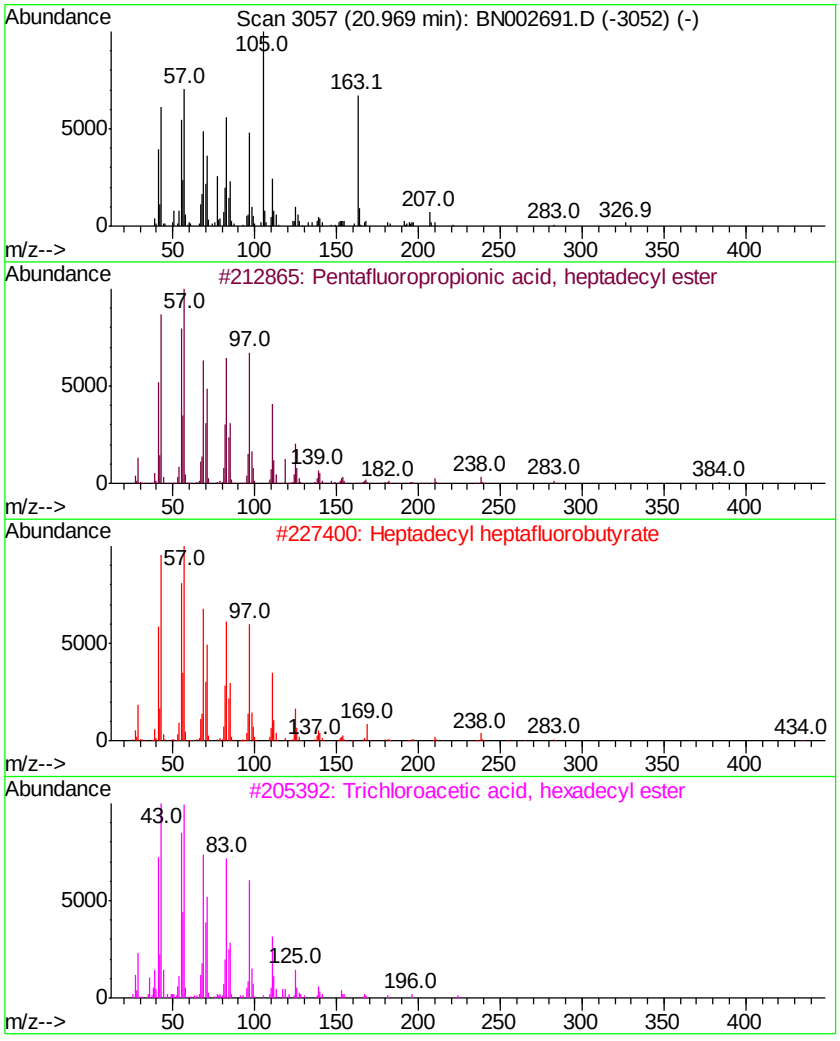
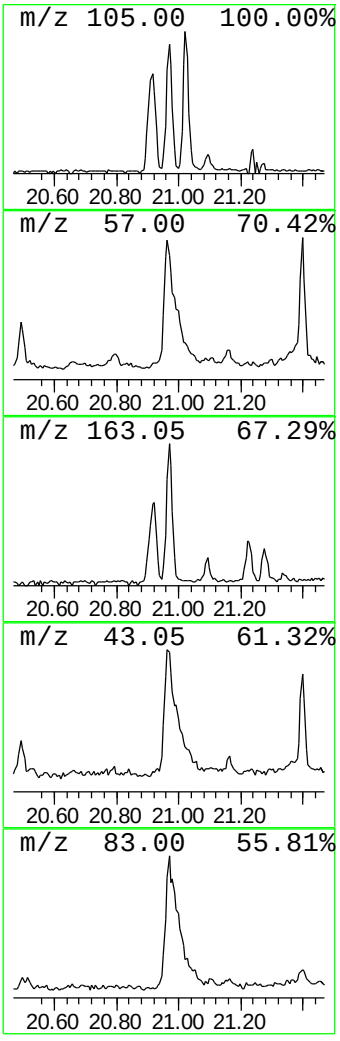
****

Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.37 ng/ul	429086	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	78
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
4	1-Heptacosanol	396	C27H56O	002004-39-9	64
5	Octacosanol	410	C28H58O	000557-61-9	64





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ClientSampleId : DB3M9

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Quant Title : SVOA CALIBRATION

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

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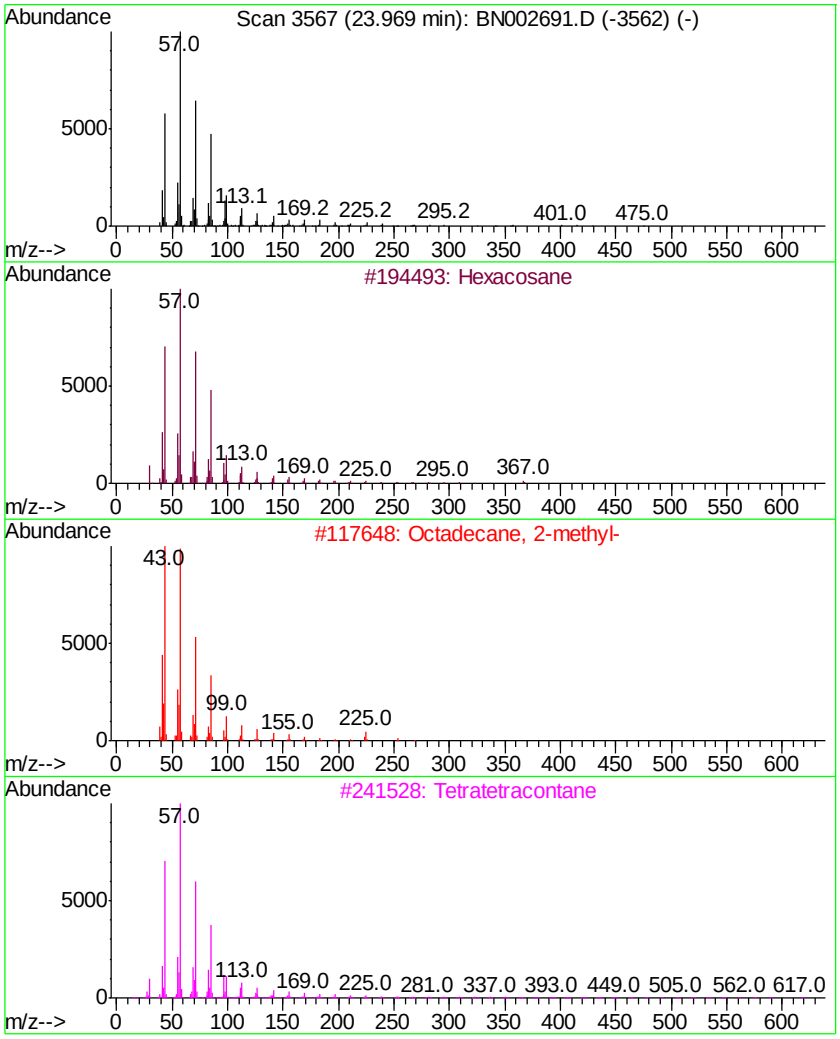
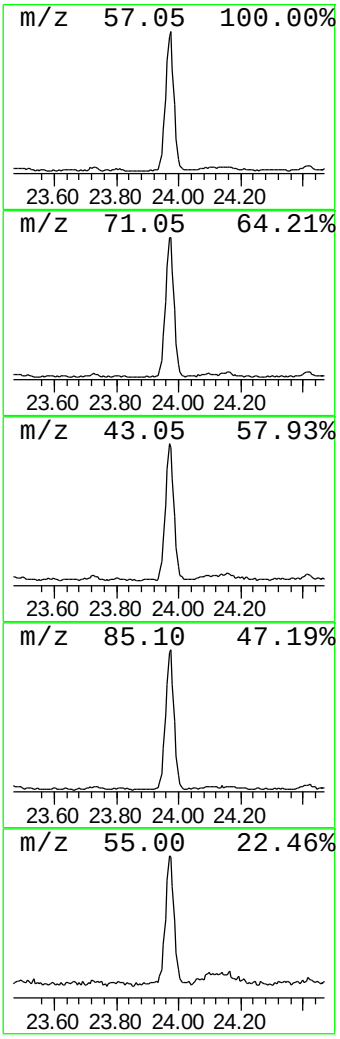
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	9.52 ng/ul	716295	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hentriacontane	437	C31H64	000630-04-6	91





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Instrument : BNA_N
ClientSampleId : DB3M9

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

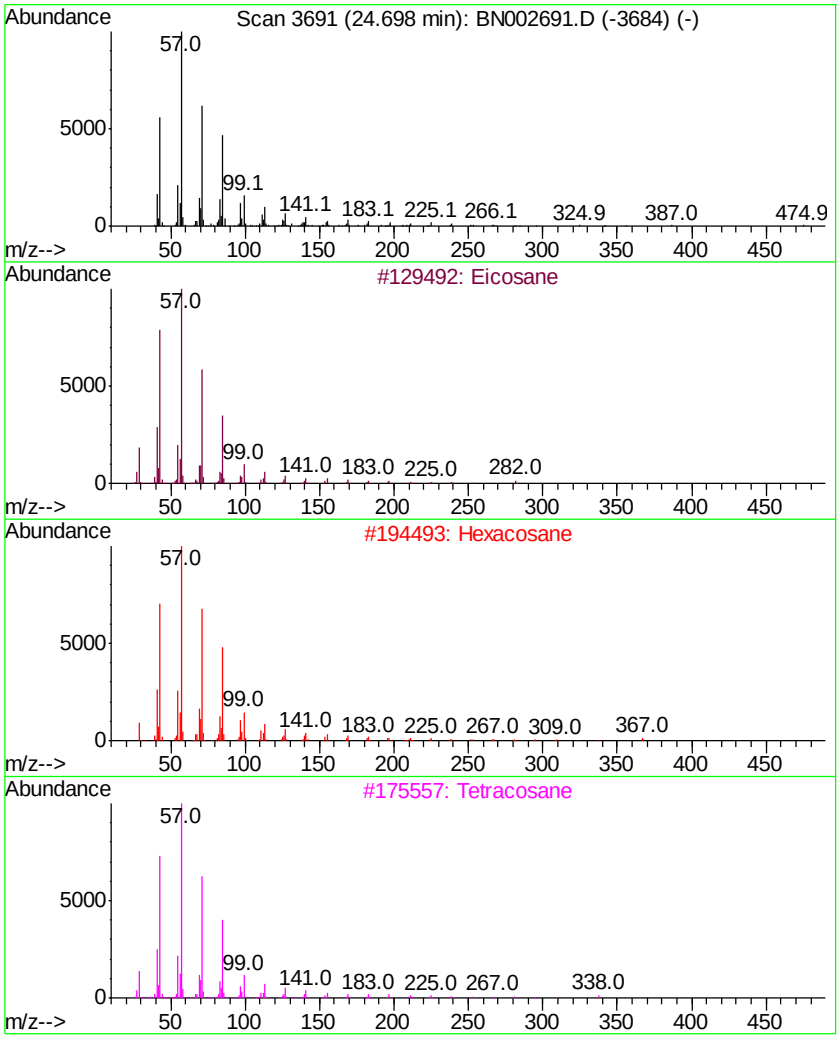
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

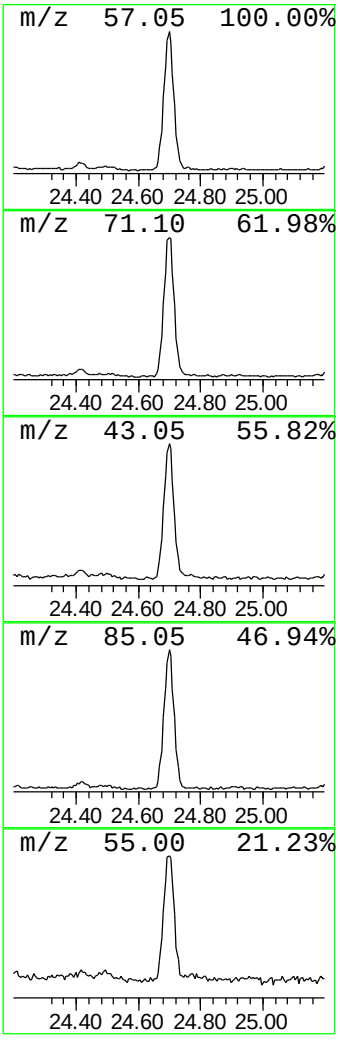
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	8.13 ng/ul	611699	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





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Sample : J4865-24
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3M9

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

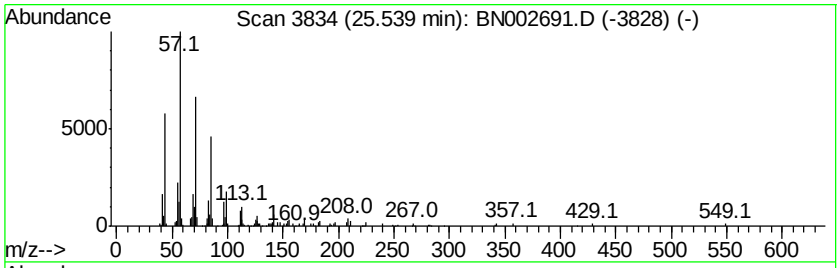
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

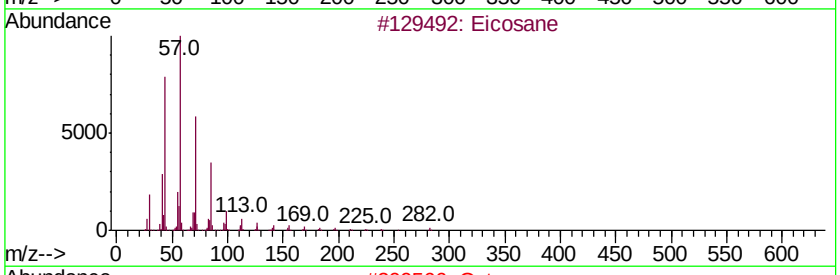
****

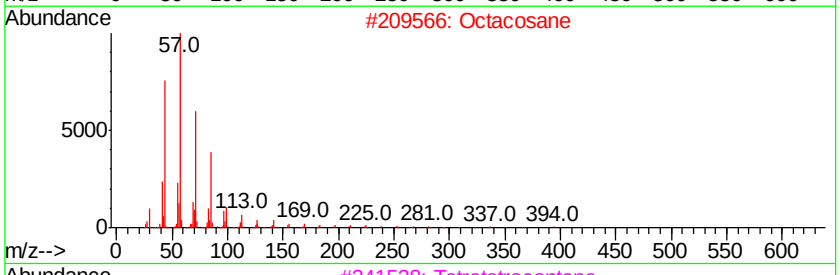
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

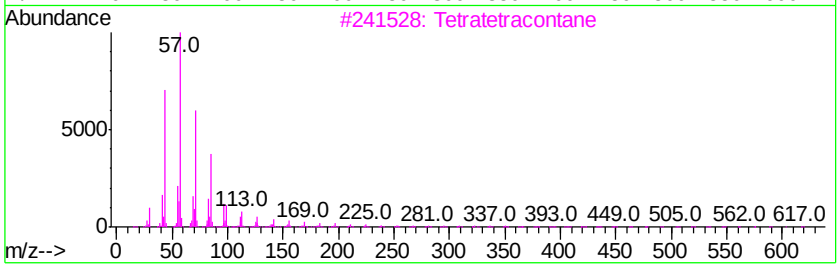
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	5.68 ng/ul	427155	Perylene-d12	23.46

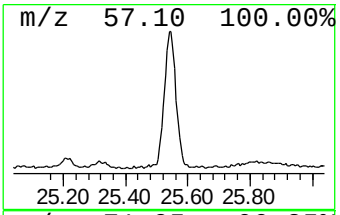
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heneicosane	296	C21H44	000629-94-7	90

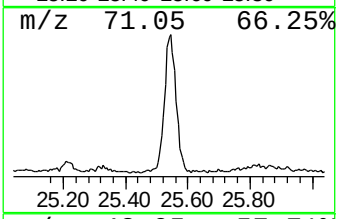


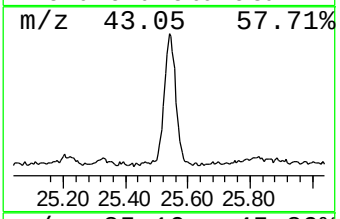


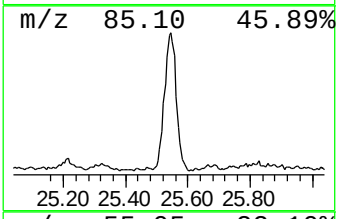


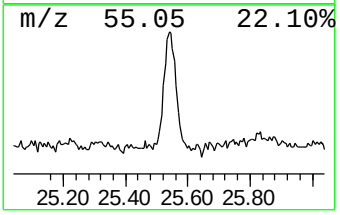












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002691.D
Acq On : 14 Sep 2018 16:26
Operator : JU/SJ
Sample : J4865-24
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3M9

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
2-Pentanone, 4-hy...	4.82	6.6	ng/ul	246264	1	7.65	747256	20.0
Naphthalene, 1-me...	12.31	18.7	ng/ul	1086340	2	10.42	1161930	20.0
Pentafluoropropio...	20.97	2.4	ng/ul	429086	5	21.24	3614340	20.0
(DEL) Alkane: Str...	23.97	9.5	ng/ul	716295	6	23.46	1505070	20.0
(DEL) Alkane: Str...	24.70	8.1	ng/ul	611699	6	23.46	1505070	20.0
(DEL) Alkane: Str...	25.54	5.7	ng/ul	427155	6	23.46	1505070	20.0