LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
Data File : BM007746.D
Acq On : 28 Oct 2016 17:00
Operator : UM/SJ
Sample : H5442-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PRERV-SS012-1218-01

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.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	2.640	6	9	22	rVB2	74759	167103	3.88%	0.391%
2	2.887	48	51	55	rVB	54935	64440	1.50%	0.151%
3	4.004	233	241	249	rBV	41987	72563	1.69%	0.170%
4	4.910	389	395	403	rVB	43584	79391	1.84%	0.186%
5	5.422	477	482	489	rVB	42697	67744	1.57%	0.158%
6	6.934	731	739	754	rVB2	496117	964195	22.39%	2.253%
7	7.092	759	766	778	rBV	414601	657418	15.27%	1.536%
8	7.287	792	799	808	rBV	546411	909795	21.13%	2.126%
9	7.751	869	878	885	rBV	690597	1119299	26.00%	2.616%
10	8.281	963	968	978	rVB4	22182	52492	1.22%	0.123%
11	8.457	992	998	1014	rBV	549796	966375	22.44%	2.258%
12	8.910	1067	1075	1083	rBV	492803	855962	19.88%	2.000%
13	9.628	1190	1197	1204	rVB	386504	686903	15.95%	1.605%
14	10.163	1276	1288	1298	rBV	602638	1103775	25.64%	2.579%
15	10.533	1337	1351	1359	rBV	866856	1527106	35.47%	3.569%
16	10.680	1365	1376	1390	rBV	374633	825470	19.17%	1.929%
17	11.016	1427	1433	1437	rBV3	32375	53115	1.23%	0.124%
18	11.810	1561	1568	1572	rBV2	57280	92129	2.14%	0.215%
19	12.263	1639	1645	1652	rVB5	43712	84290	1.96%	0.197%
20	12.816	1730	1739	1743	rVB5	46474	101189	2.35%	0.236%
21	12.980	1762	1767	1771	rBV4	39186	77480	1.80%	0.181%
22	13.157	1791	1797	1811	rBV	267295	476546	11.07%	1.114%
23	13.386	1830	1836	1842	rVB7	43154	95328	2.21%	0.223%
24	13.798	1900	1906	1910	rBV	1343798	1889944	43.89%	4.417%
25	13.845	1910	1914	1921	rVV	716871	994395	23.09%	2.324%
26	13.916	1922	1926	1933	rVB8	43215	85979	2.00%	0.201%
27	14.027	1941	1945	1948	rBV4	42405	61833	1.44%	0.144%
28	14.080	1948	1954	1959	rBV	1232979	1882175	43.71%	4.398%
29	14.168	1965	1969	1972	rBV2	70841	91236	2.12%	0.213%
30	14.210	1972	1976	1981	rVB	177605	260196	6.04%	0.608%
31	14.298	1984	1991	1994	rBV3	188199	323257	7.51%	0.755%
32	14.345	1995	1999	2001	rVV3	69988	102488	2.38%	0.240%
33	14.386	2001	2006	2014	rVB	1301758	1964964	45.64%	4.592%
34	14.474	2016	2021	2031	rVB4	83806	163137	3.79%	0.381%

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Instrument : BNA_M
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Title : SVOA CALIBRATION

35	14.610	2039	2044	2054	rBV	323222	628248	14.59%	1.468%
36	15.174	2136	2140	2145	rVB4	63686	102772	2.39%	0.240%
37	15.233	2147	2150	2154	rVV	43598	54016	1.25%	0.126%
38	15.380	2170	2175	2181	rBV	1604735	2275652	52.85%	5.318%
39	15.515	2194	2198	2208	rBV	224440	360928	8.38%	0.843%
40	16.098	2293	2297	2298	rBV2	77727	91891	2.13%	0.215%
41	16.645	2386	2390	2397	rBV6	55387	111889	2.60%	0.261%
42	17.133	2468	2473	2478	rBV2	1447503	2098248	48.73%	4.903%
43	17.233	2485	2490	2501	rVB	1772339	2508367	58.26%	5.862%
44	18.021	2622	2624	2629	rBV2	108592	133455	3.10%	0.312%
45	19.192	2820	2823	2830	rVB	215556	265726	6.17%	0.621%
46	19.527	2876	2880	2893	rBV	2159515	3236542	75.17%	7.563%
47	21.321	3181	3185	3190	rVB	2053734	2446784	56.83%	5.718%
48	22.068	3308	3312	3323	rVB	3034494	4305699	100.00%	10.062%
49	23.438	3540	3545	3550	rBV	1632476	2748055	63.82%	6.422%
50	23.580	3565	3569	3578	rVB2	1413047	2503764	58.15%	5.851%

Sum of corrected areas: 42791748

LSC Report - Integrated Chromatogram

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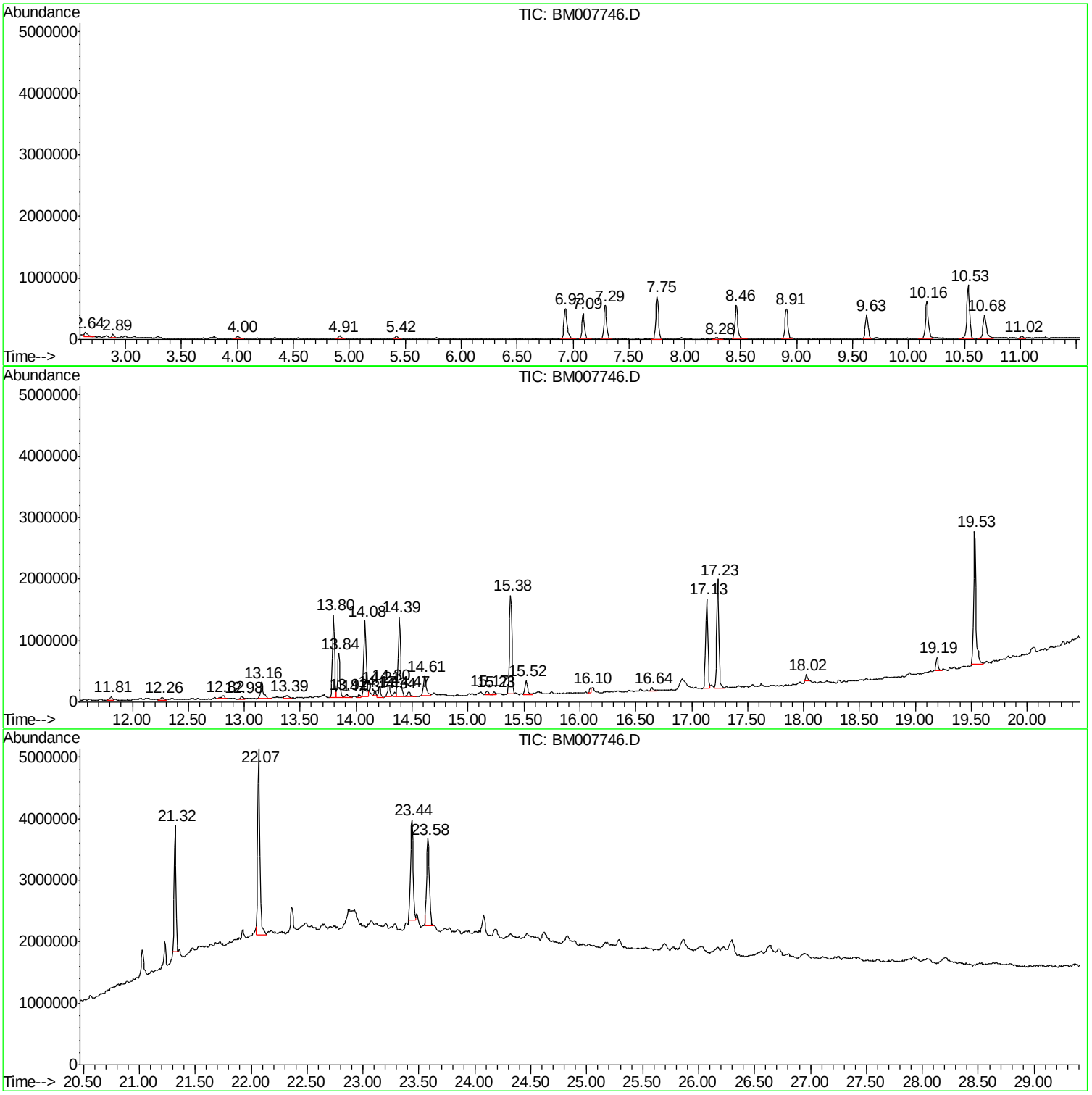
Instrument :
BNA_M
ClientSampleId :
PRERV-SS012-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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Sample : H5442-02
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Instrument : BNA_M
ClientSampleId : PRERV-SS012-1218-01

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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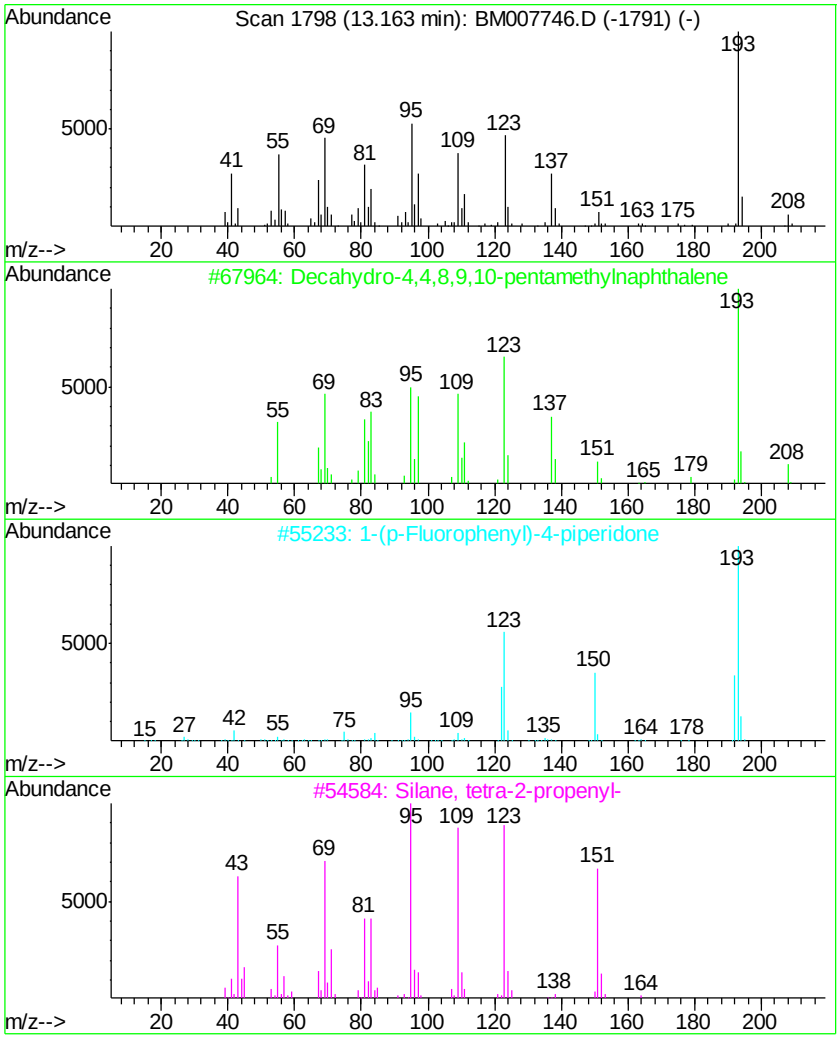
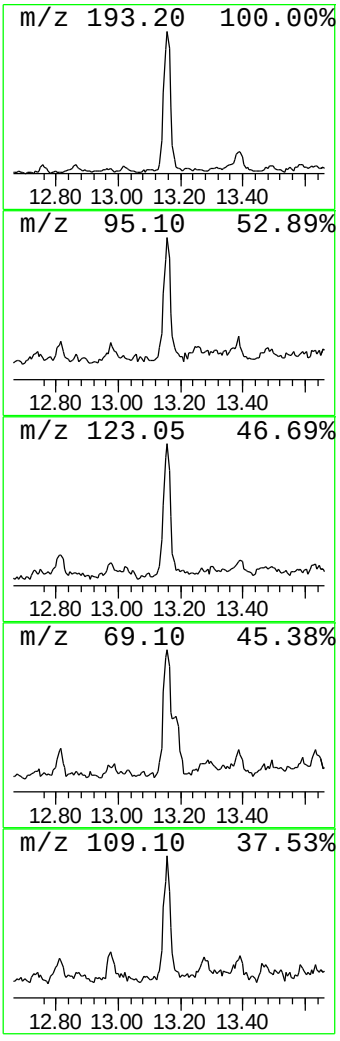
Peak Number 2 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.85 ng/ul	476546	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	86
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	35
4	10.alpha.-Eremophilane	208	C15H28	003242-05-5	27
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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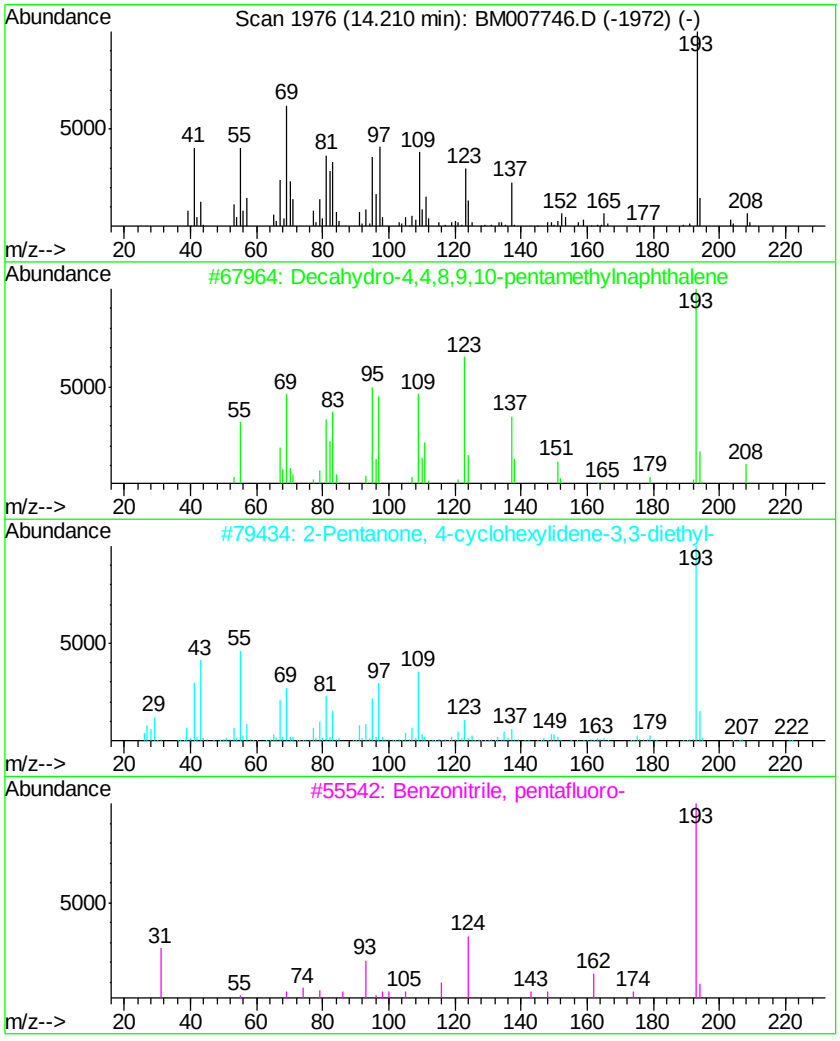
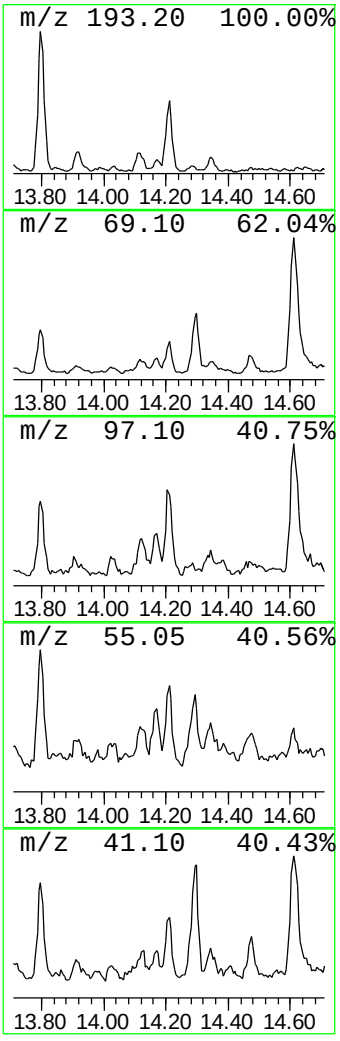
Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.65 ng/ul	260196	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	40
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	Benzonitrile, pentafluoro-	193	C7F5N	000773-82-0	27
4	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25





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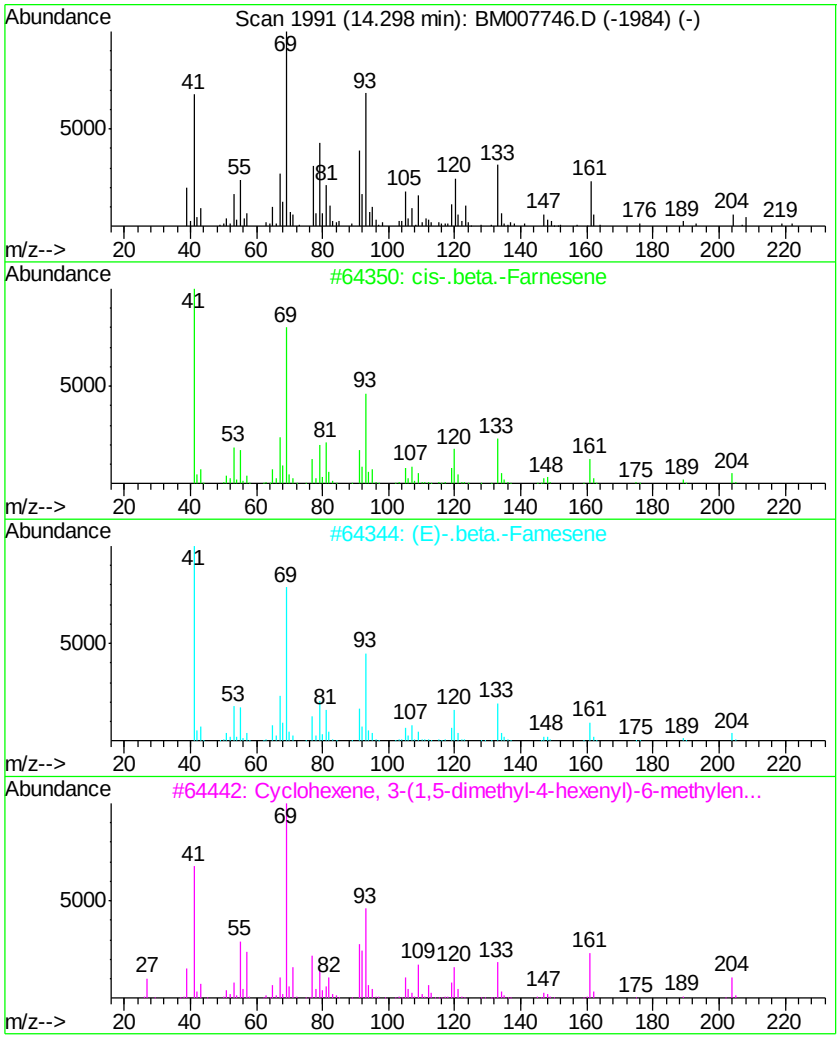
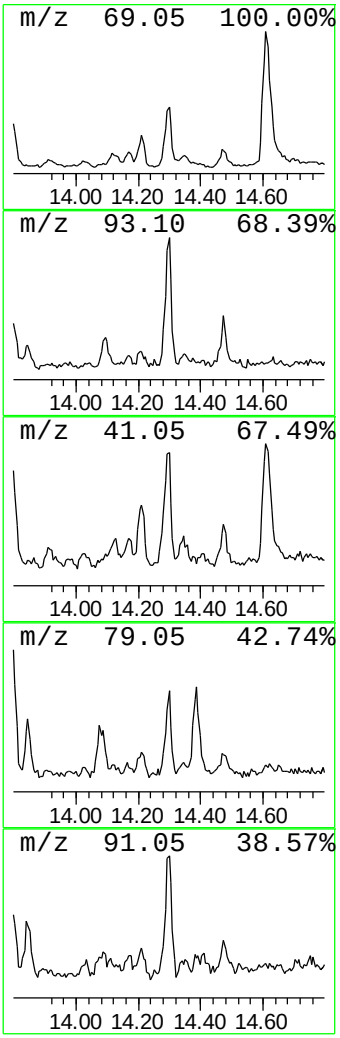
Peak Number 4 cis-.beta.-Farnesene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.29 ng/ul	323257	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Farnesene	204	C15H24	028973-97-9	90
2	(E)-.beta.-Famesene	204	C15H24	018794-84-8	90
3	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	76
4	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	76
5	(E)-.beta.-Famesene	204	C15H24	018794-84-8	68





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TIC Integration Parameters: LSCINT.P

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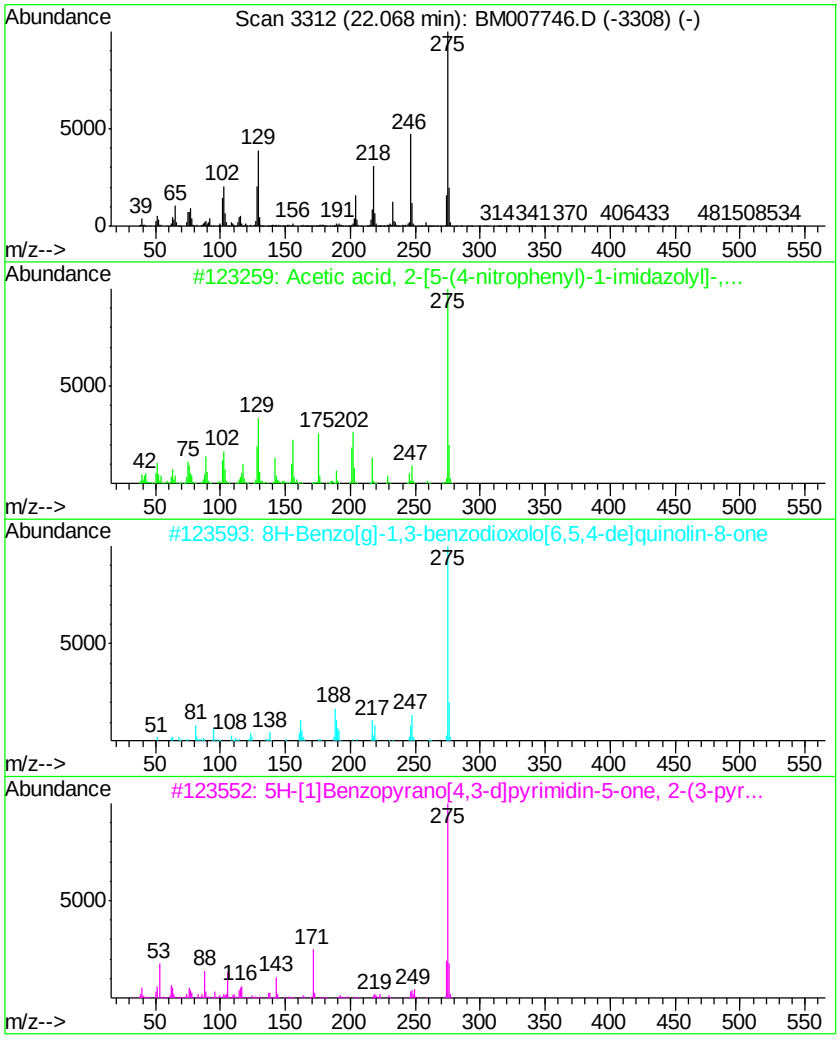
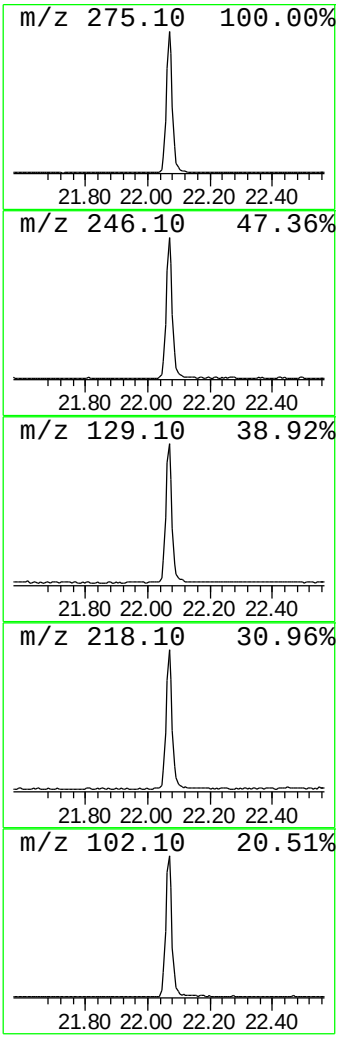
Peak Number 5 Acetic acid, 2-[5-(4-nitrop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	35.19 ng/ul	4305700	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	58
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	42
3	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	42
4	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	38
5	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	38





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Decahydro-4,4,8,9...	13.16	4.8	ng/ul	476546	3	14.39	1964960	20.0
unknown-01	14.21	2.6	ng/ul	260196	3	14.39	1964960	20.0
cis-.beta.-Farnesene	14.30	3.3	ng/ul	323257	3	14.39	1964960	20.0
Acetic acid, 2-[5...	22.07	35.2	ng/ul	4305700	5	21.32	2446780	20.0