LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096691.D
Acq On : 12 Jul 2017 14:59
Operator : SJ/JU
Sample : I4132-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLINTON-AVE-69KV-COMP-(DRUM

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.840	464	468	476	rBV	241515	300777	10.16%	1.443%
2	5.275	537	542	545	rBV	1585103	1486203	50.22%	7.132%
3	6.304	712	717	720	rBV	1719937	1542886	52.13%	7.404%
4	6.434	735	739	742	rBV	1796187	1556042	52.58%	7.467%
5	6.663	774	778	782	rBV	891737	749921	25.34%	3.599%
6	6.822	801	805	808	rBV	1501624	1300796	43.95%	6.242%
7	7.222	869	873	877	rBV	1193835	1141565	38.57%	5.478%
8	7.945	992	996	1000	rBV	1194696	1069455	36.14%	5.132%
9	9.022	1174	1179	1183	rBV	1764136	1712519	57.87%	8.218%
10	9.416	1243	1246	1250	rBV	190729	153258	5.18%	0.735%
11	9.698	1289	1294	1298	rBV2	1269665	1098392	37.12%	5.271%
12	10.480	1423	1427	1431	rBV	984452	874164	29.54%	4.195%
13	10.616	1446	1450	1458	rBV	36721	42517	1.44%	0.204%
14	11.174	1541	1545	1548	rBV	1076172	960988	32.47%	4.611%
15	11.786	1646	1649	1651	rBV	42618	43100	1.46%	0.207%
16	12.227	1721	1724	1727	rBV	41434	47864	1.62%	0.230%
17	12.310	1735	1738	1742	rVB5	24352	30481	1.03%	0.146%
18	12.380	1747	1750	1754	rVB	124925	123047	4.16%	0.590%
19	12.504	1768	1771	1774	rBV5	21485	31349	1.06%	0.150%
20	12.610	1784	1789	1792	rBV	266086	269794	9.12%	1.295%
21	12.763	1811	1815	1818	rBV	1318779	1223285	41.34%	5.870%
22	12.833	1824	1827	1830	rBV3	42727	54477	1.84%	0.261%
23	13.010	1854	1857	1859	rVB2	50390	44691	1.51%	0.214%
24	13.045	1860	1863	1865	rBV	57887	56684	1.92%	0.272%
25	13.133	1875	1878	1881	rBV	61197	61939	2.09%	0.297%
26	13.163	1881	1883	1888	rVB	53212	47592	1.61%	0.228%
27	13.239	1888	1896	1898	rBV9	28815	75013	2.53%	0.360%
28	13.351	1913	1915	1919	rVB2	49631	40603	1.37%	0.195%
29	13.551	1945	1949	1952	rBV3	48931	76164	2.57%	0.365%
30	13.668	1965	1969	1976	rVB4	172618	249708	8.44%	1.198%
31	13.810	1987	1993	1996	rBV	2797881	2959424	100.00%	14.201%
32	13.992	2022	2024	2027	rVB	59606	53136	1.80%	0.255%
33	14.192	2056	2058	2061	rVB	62103	45346	1.53%	0.218%
34	14.568	2119	2122	2124	rBV3	52706	53876	1.82%	0.259%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.592	2124	2126	2129	rVB3	58410	56716	1.92%	0.272%
36	14.810	2160	2163	2170	rVB2	81015	137457	4.64%	0.660%
37	14.904	2176	2179	2182	rBV2	70067	67812	2.29%	0.325%
38	15.086	2207	2210	2214	rBV	73457	77257	2.61%	0.371%
39	15.139	2216	2219	2224	rVB	100400	115090	3.89%	0.552%
40	15.198	2225	2229	2235	rBV	438553	543269	18.36%	2.607%
41	15.645	2303	2305	2308	rVB2	38166	36717	1.24%	0.176%
42	15.792	2326	2330	2331	rBV4	27663	31752	1.07%	0.152%
43	16.927	2519	2523	2530	rVB	80622	164670	5.56%	0.790%
44	19.192	2902	2908	2909	rBV6	16007	31918	1.08%	0.153%

Sum of corrected areas: 20839714

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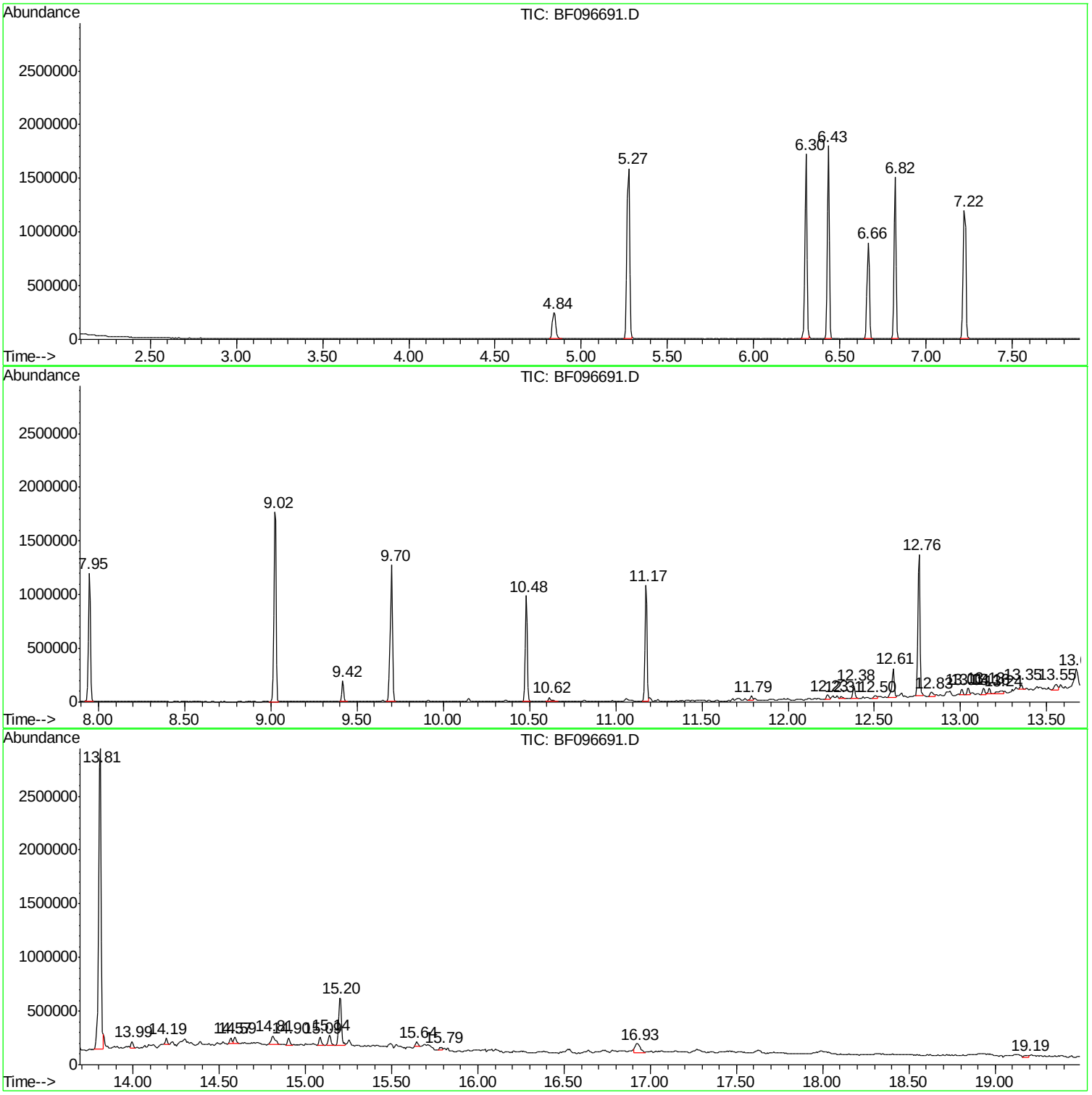
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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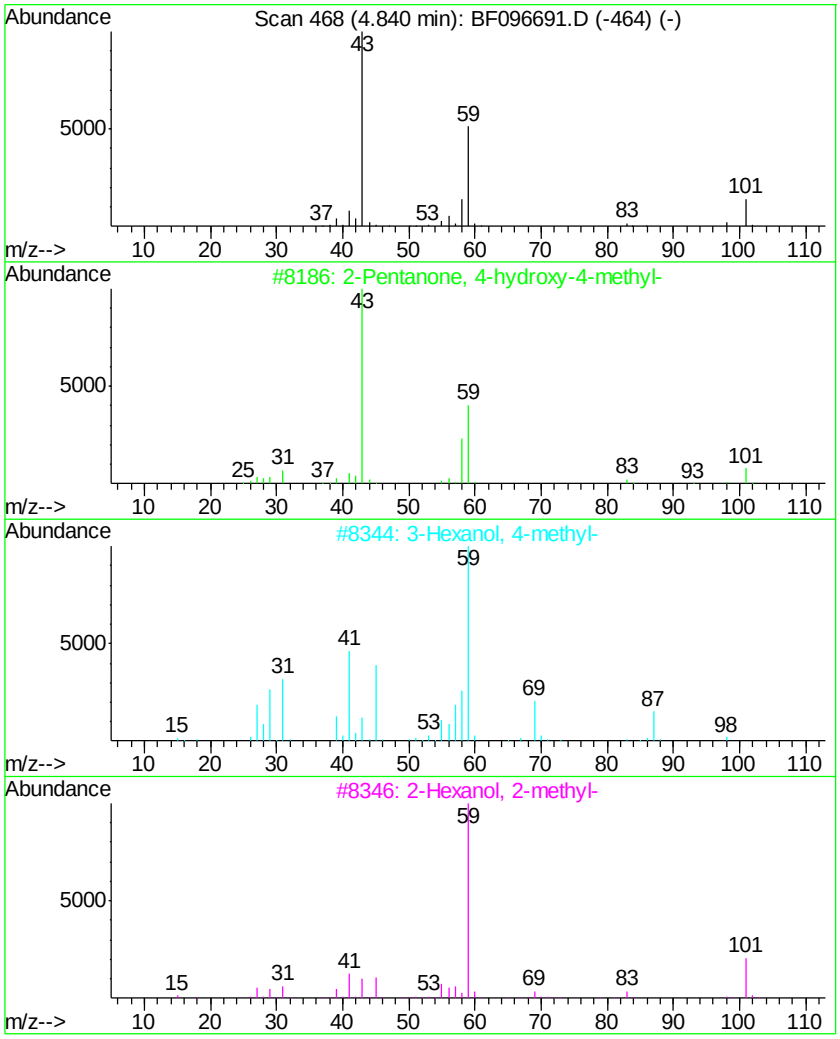
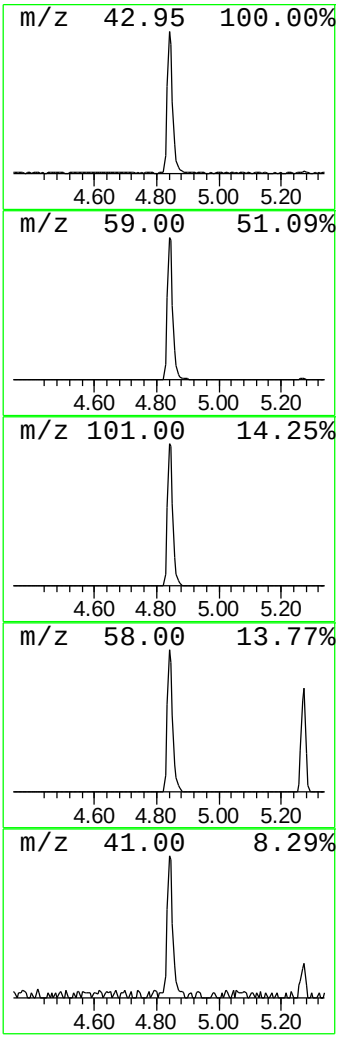
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	8.02 ng	300777	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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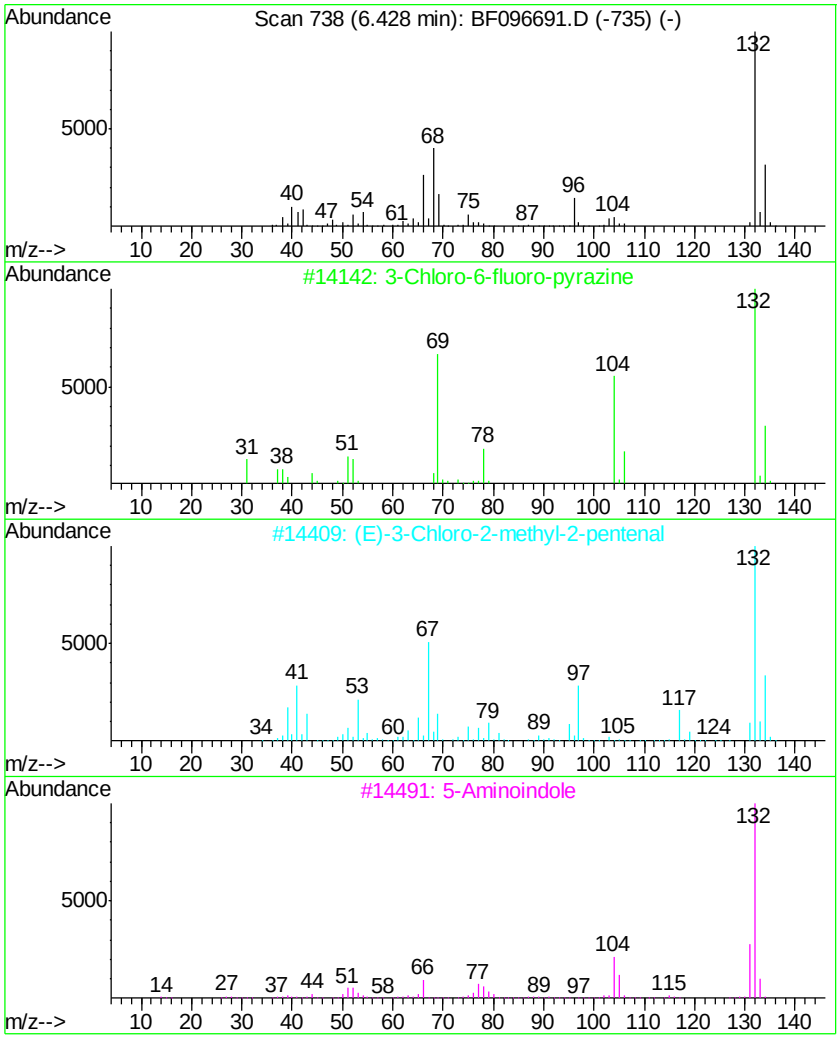
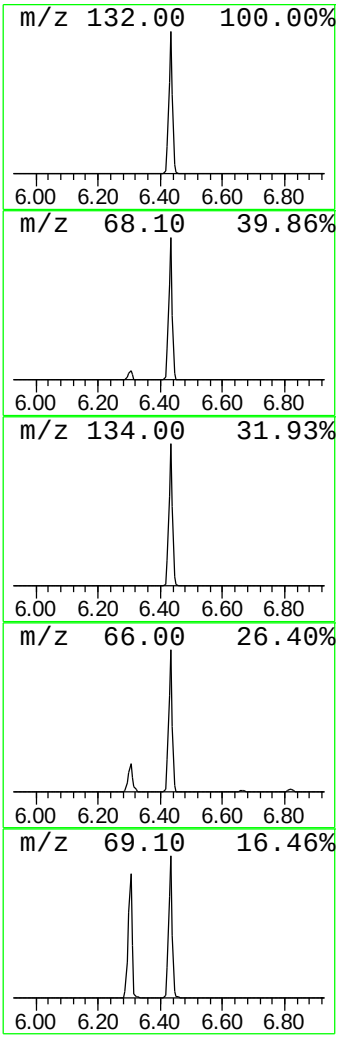
Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	41.50 ng	1556040	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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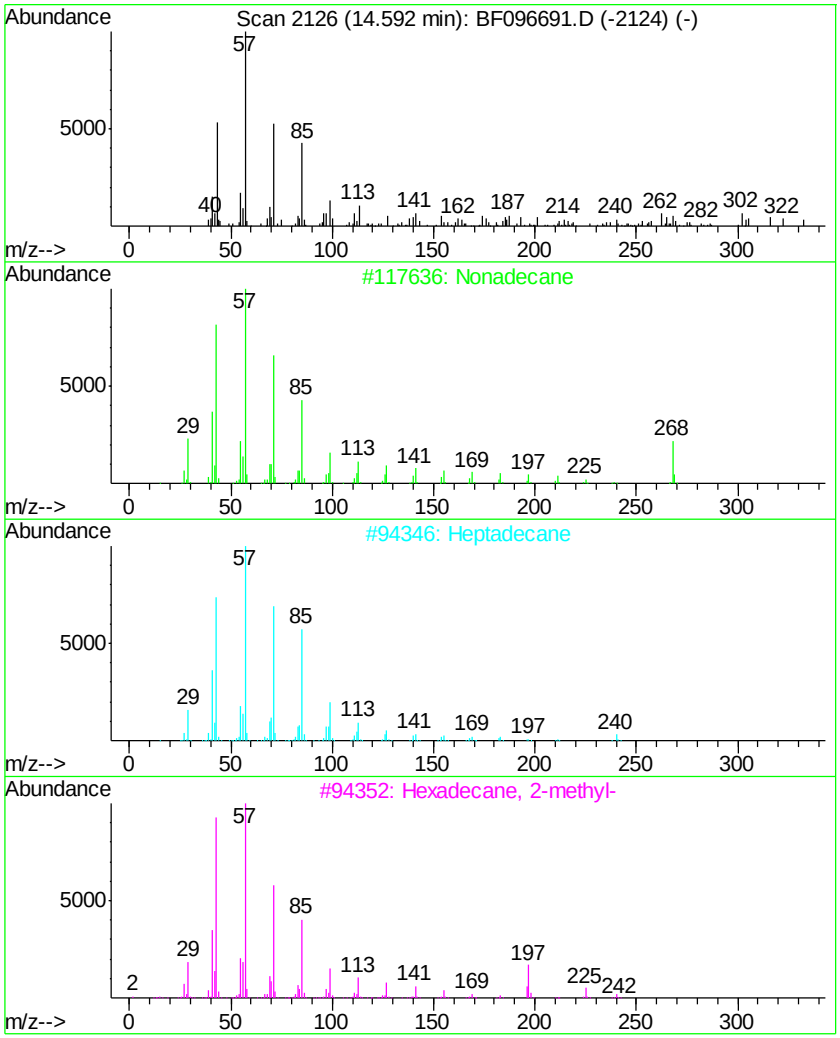
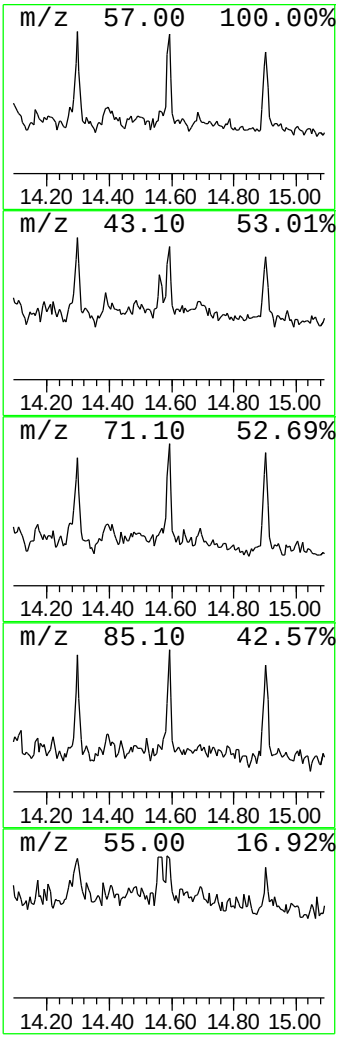
Peak Number 4 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.09 ng	56716	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	Heptadecane	240	C17H36	000629-78-7	58
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	52
4	Pentadecane	212	C15H32	000629-62-9	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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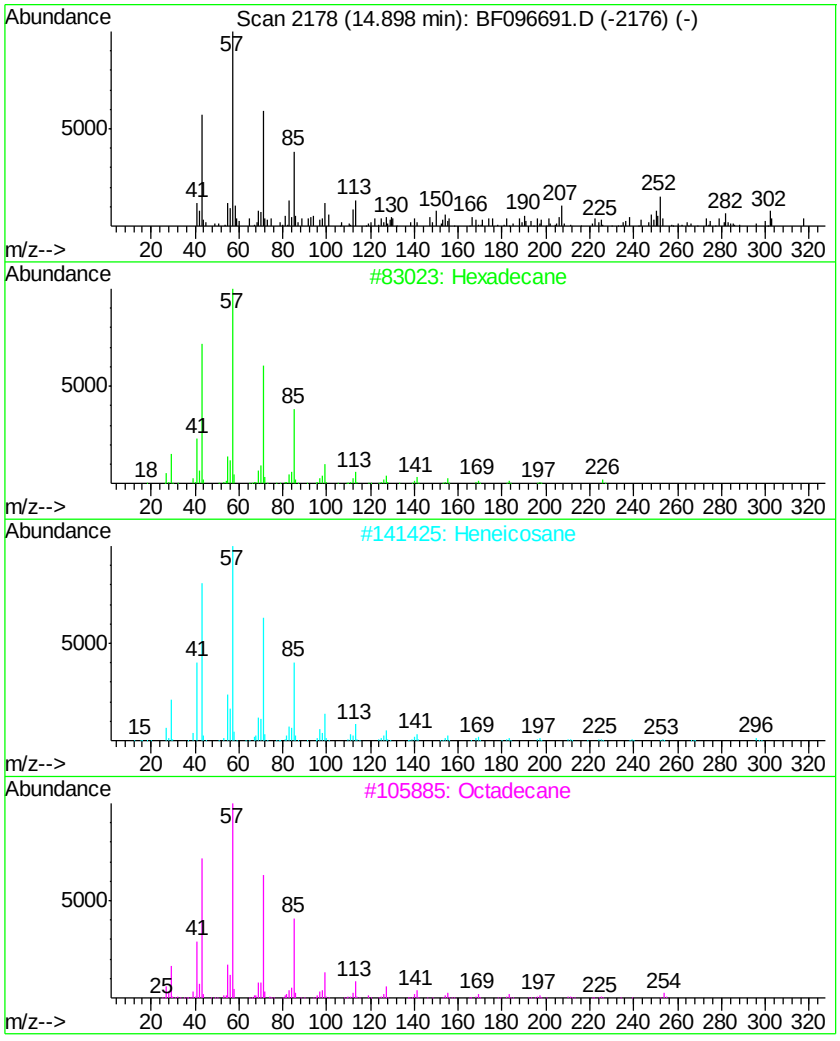
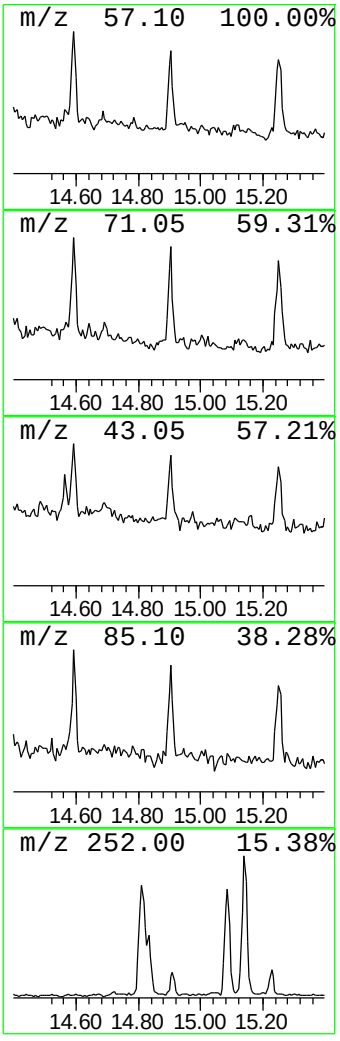
Peak Number 5 unknown14.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.50 ng	67812	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Heneicosane	296	C21H44	000629-94-7	46
3	Octadecane	254	C18H38	000593-45-3	46
4	Eicosane	282	C20H42	000112-95-8	43
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	41





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.84	8.0	ng	300777	1	6.66	749921	20.0
unknown6.43	6.43	41.5	ng	1556040	1	6.66	749921	20.0
Nonadecane	14.59	2.1	ng	56716	6	15.20	543269	20.0
unknown14.90	14.90	2.5	ng	67812	6	15.20	543269	20.0