LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108200.D
Acq On : 16 Aug 2018 17:37
Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	3.654	221	224	237	rBV	45380	87589	2.20%	0.242%
2	5.266	493	498	504	rVB	160165	198518	4.99%	0.548%
3	5.642	557	562	565	rBV	3674999	3766962	94.61%	10.406%
4	6.636	725	731	734	rBV	3954696	3981677	100.00%	10.999%
5	6.783	752	756	760	rBV	3910007	3920263	98.46%	10.829%
6	6.836	762	765	769	rVB2	39739	40589	1.02%	0.112%
7	7.013	792	795	799	rVB	1177038	1050038	26.37%	2.901%
8	7.172	818	822	825	rBV	3087411	2602076	65.35%	7.188%
9	7.578	886	891	894	rBV	2727250	2507316	62.97%	6.926%
10	8.201	992	997	1000	rBV2	32586	55694	1.40%	0.154%
11	8.301	1008	1014	1019	rBV	1472379	1455677	36.56%	4.021%
12	8.336	1019	1020	1024	rVB	55133	44510	1.12%	0.123%
13	8.577	1058	1061	1063	rBV3	46979	51162	1.28%	0.141%
14	8.701	1080	1082	1084	rVB	59567	40100	1.01%	0.111%
15	9.013	1132	1135	1137	rBV	54943	46406	1.17%	0.128%
16	9.301	1181	1184	1186	rVB	96778	71257	1.79%	0.197%
17	9.372	1191	1196	1199	rBV	3868157	3297811	82.82%	9.110%
18	9.448	1205	1209	1211	rBV2	51610	61650	1.55%	0.170%
19	9.642	1237	1242	1245	rBV2	48598	76616	1.92%	0.212%
20	9.713	1251	1254	1256	rBV	53044	50719	1.27%	0.140%
21	9.760	1259	1262	1266	rVB	597354	476948	11.98%	1.317%
22	9.919	1286	1289	1291	rBV	61905	52839	1.33%	0.146%
23	9.966	1294	1297	1300	rVB2	72382	66489	1.67%	0.184%
24	10.060	1307	1313	1317	rBV2	1523017	1394584	35.03%	3.852%
25	10.089	1317	1318	1323	rVV2	61502	66168	1.66%	0.183%
26	10.160	1326	1330	1334	rBV3	27588	48368	1.21%	0.134%
27	10.260	1344	1347	1350	rVV3	42602	44054	1.11%	0.122%
28	10.295	1350	1353	1357	rVB2	65498	67238	1.69%	0.186%
29	10.371	1363	1366	1368	rBV	60527	58056	1.46%	0.160%
30	10.401	1368	1371	1377	rVB4	52351	75294	1.89%	0.208%
31	10.466	1377	1382	1386	rBV3	83267	105793	2.66%	0.292%
32	10.607	1403	1406	1408	rBV2	42358	42462	1.07%	0.117%
33	10.689	1416	1420	1423	rBV	207252	213306	5.36%	0.589%
34	10.748	1428	1430	1436	rVB6	24901	43873	1.10%	0.121%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.854	1444	1448	1452	rBV	2324873	2128263	53.45%	5.879%
36	10.960	1461	1466	1470	rBV	529242	537314	13.49%	1.484%
37	11.424	1542	1545	1548	rBV	385384	339944	8.54%	0.939%
38	11.554	1564	1567	1570	rBV	1239671	1134057	28.48%	3.133%
39	11.577	1570	1571	1575	rVB	171705	128747	3.23%	0.356%
40	11.777	1602	1605	1608	rBV2	159601	158986	3.99%	0.439%
41	12.060	1650	1653	1655	rBV	102185	107661	2.70%	0.297%
42	12.613	1744	1747	1750	rBV2	89325	123168	3.09%	0.340%
43	12.730	1764	1767	1771	rVB2	99586	99326	2.49%	0.274%
44	12.777	1772	1775	1778	rVB	188313	162470	4.08%	0.449%
45	13.007	1812	1814	1820	rVB2	180693	202905	5.10%	0.560%
46	13.112	1829	1832	1834	rBV2	120411	124687	3.13%	0.344%
47	13.142	1834	1837	1840	rVV	2733126	2269056	56.99%	6.268%
48	13.330	1867	1869	1871	rBV2	80696	75787	1.90%	0.209%
49	14.030	1985	1988	1995	rVB3	222210	270384	6.79%	0.747%
50	14.212	2015	2019	2022	rBV	1144192	1088308	27.33%	3.006%
51	15.777	2280	2285	2290	rVB	791580	1088085	27.33%	3.006%

Sum of corrected areas: 36201250

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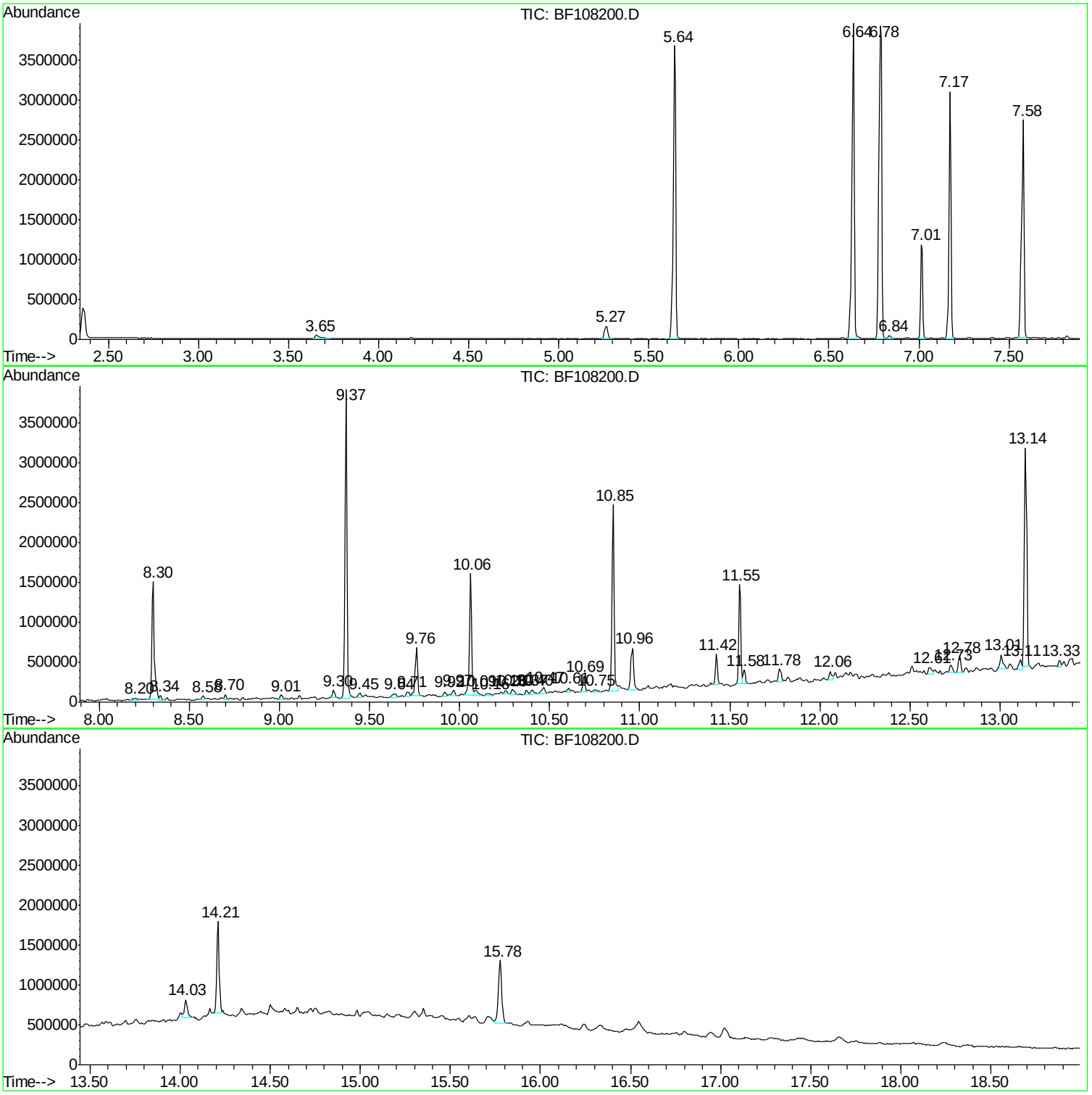
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BF108200.D
Acq On : 16 Aug 2018 17:37
Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

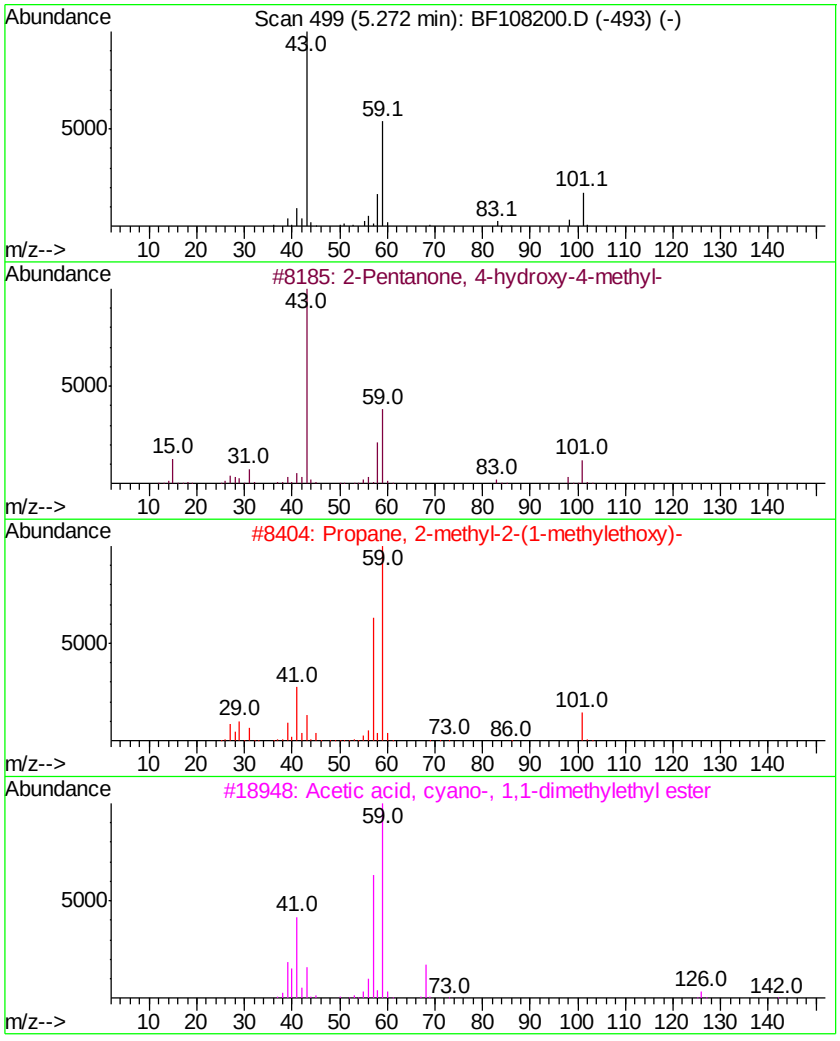
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

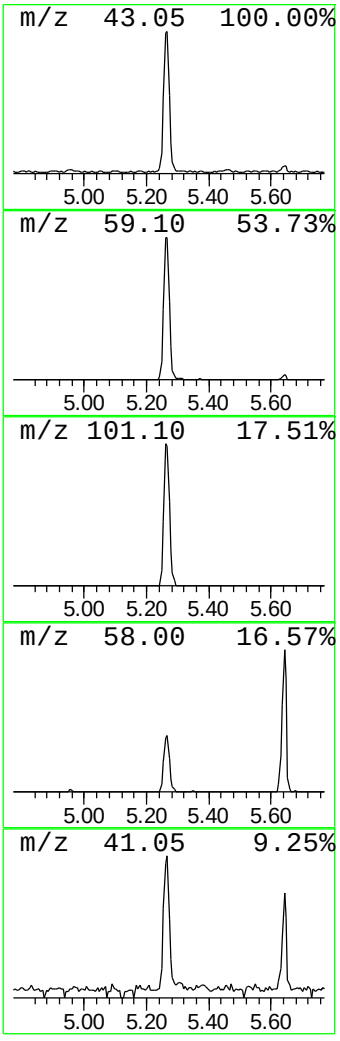
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	3.78 ng	198518	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





Library Search Compound Report

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Data File : BF108200.D
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Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

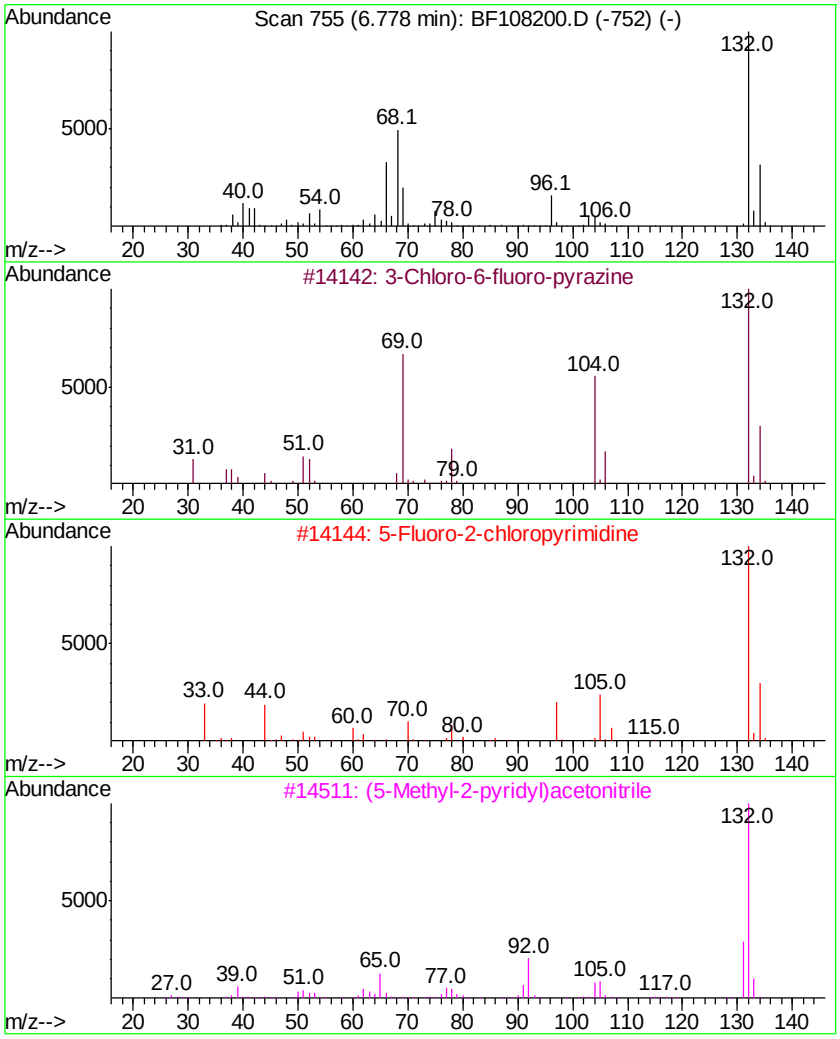
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

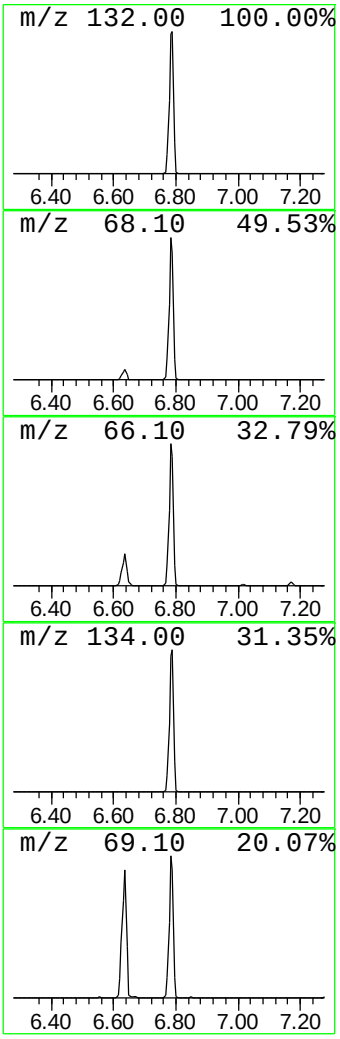
****

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	74.67 ng	3920260	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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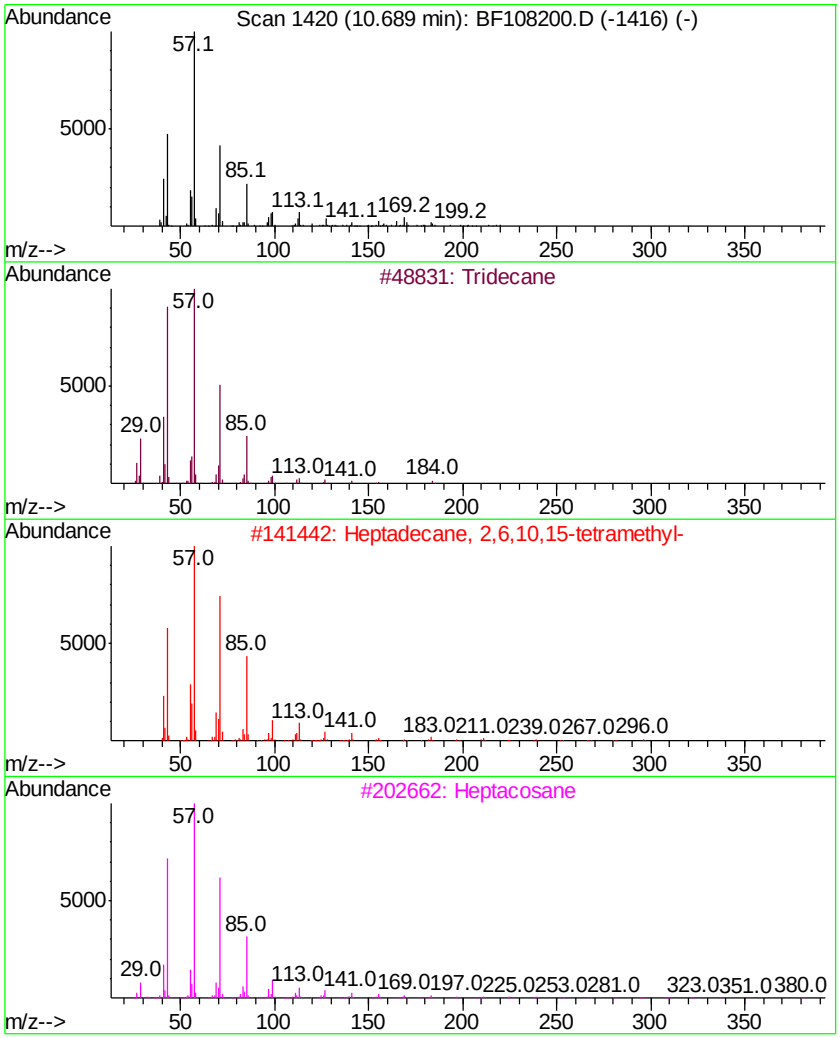
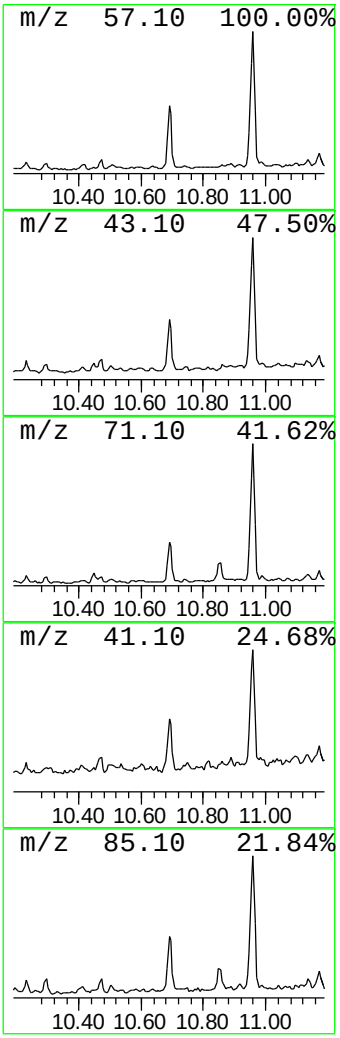
Peak Number 4 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.06 ng	213306	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	59





Library Search Compound Report

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Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

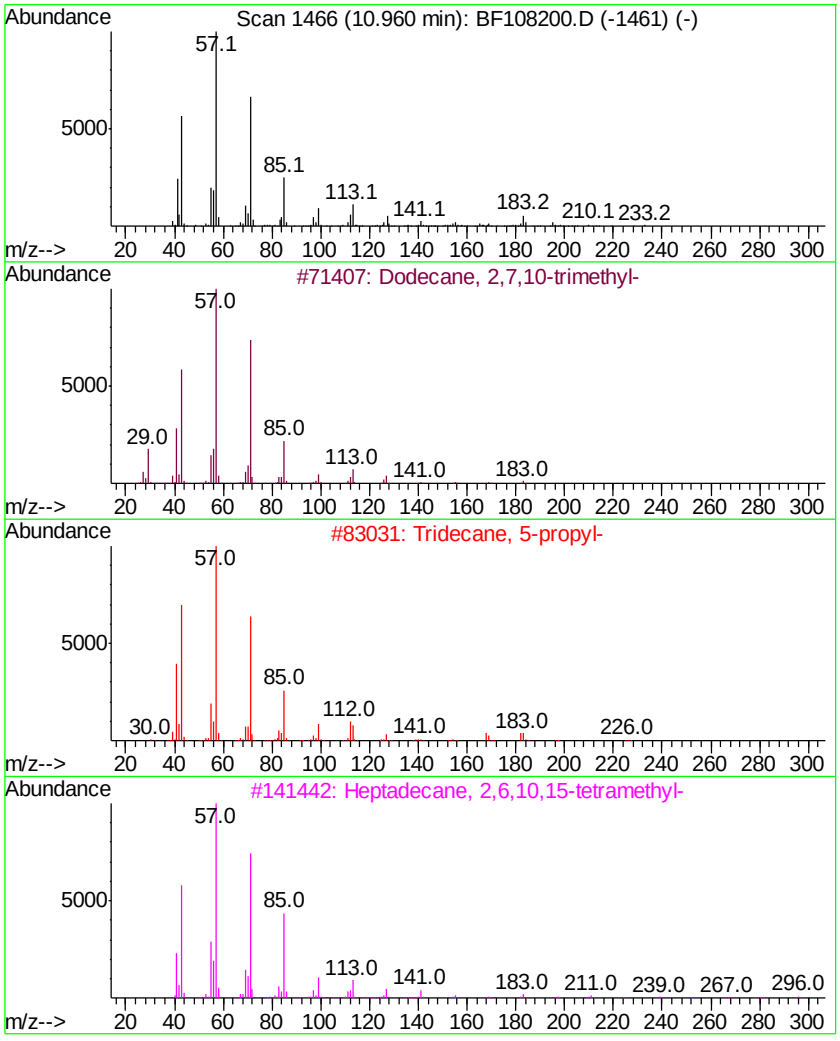
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

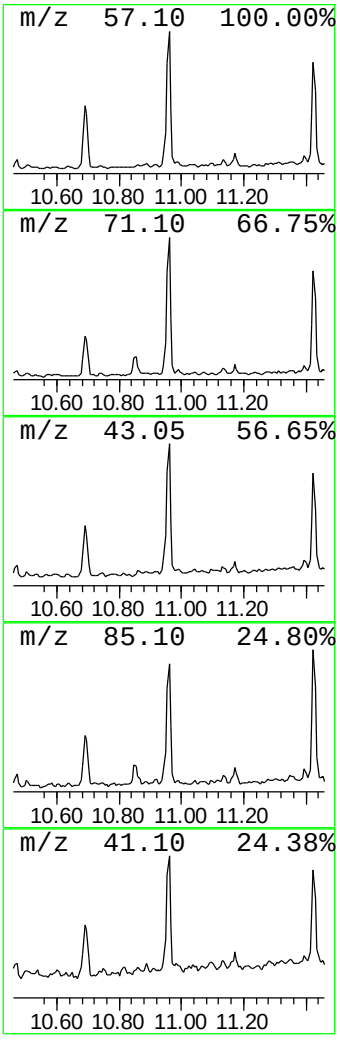
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	9.48 ng	537314	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Decane, 2-methyl-	156	C11H24	006975-98-0	74
5	Tridecane	184	C13H28	000629-50-5	72





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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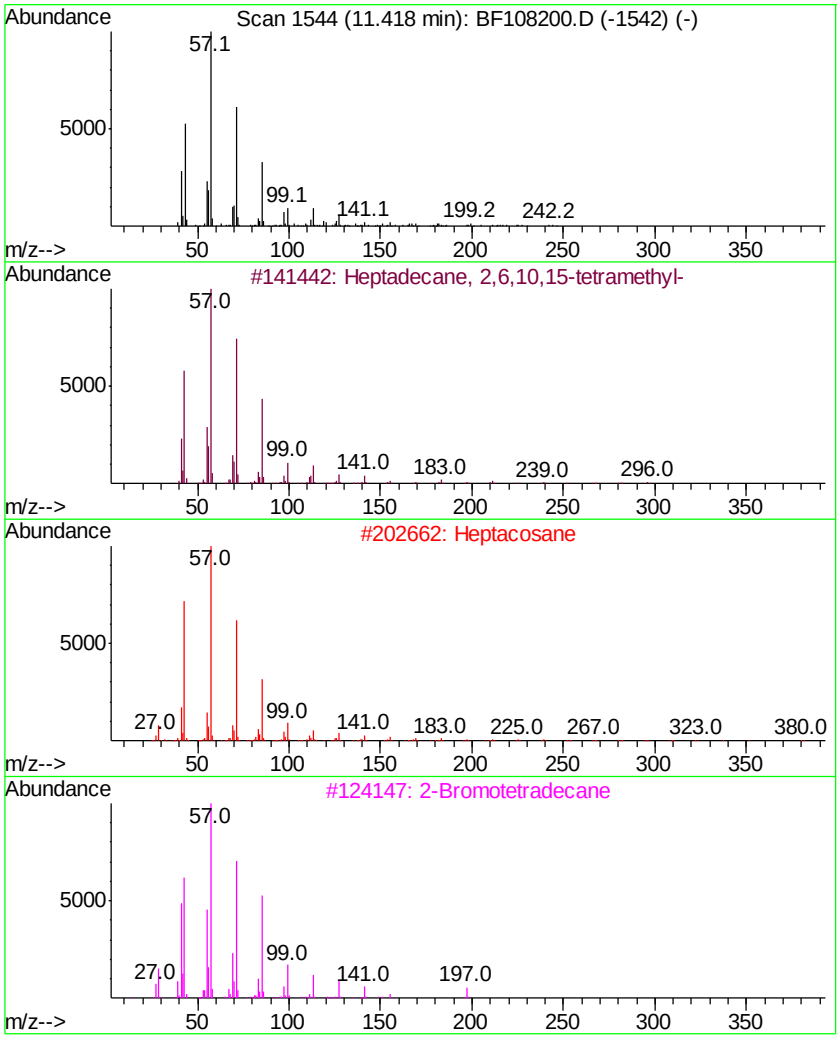
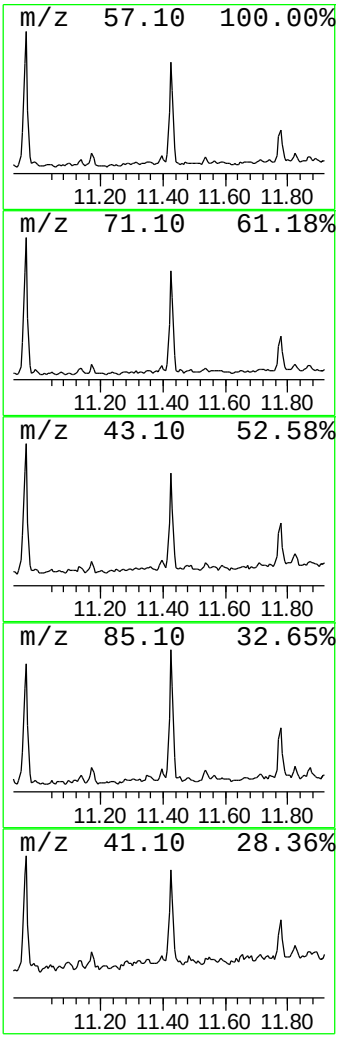
****

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	6.00 ng	339944	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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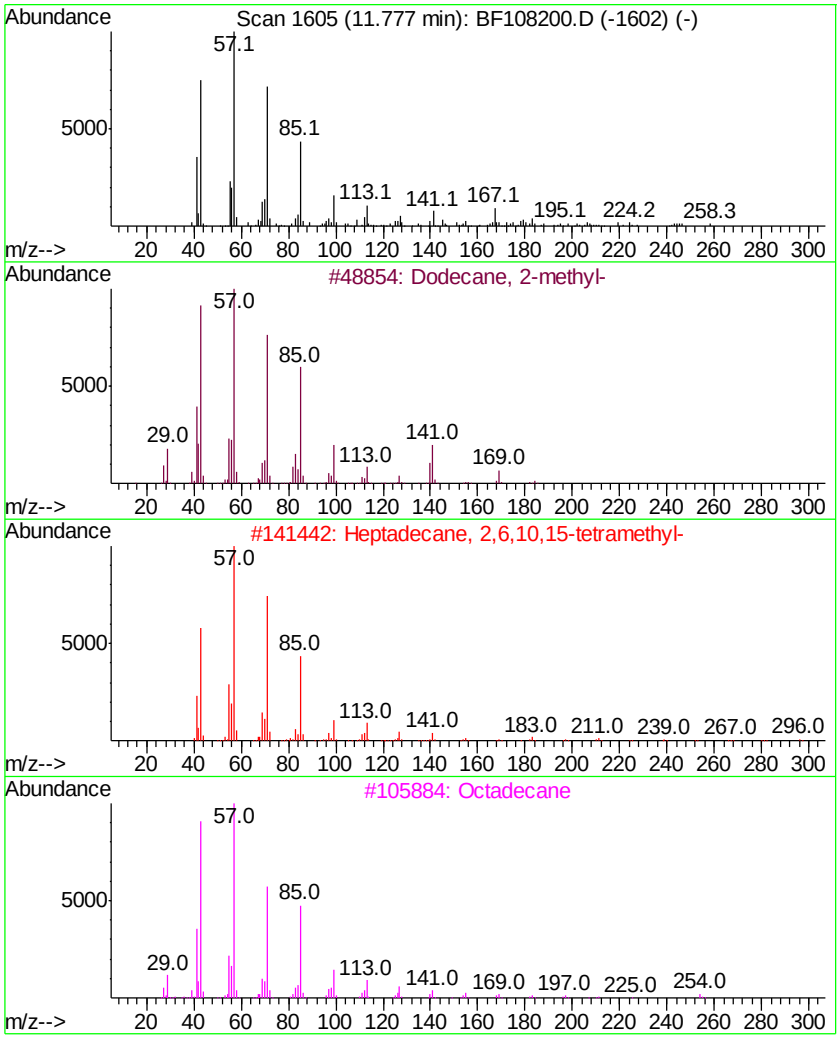
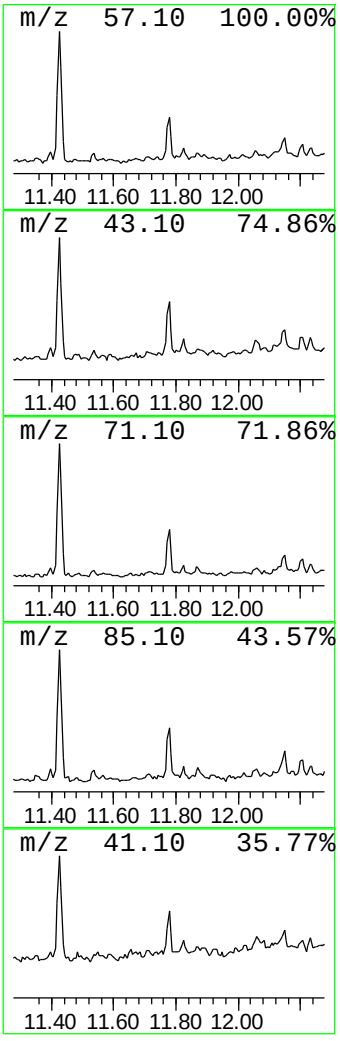
Peak Number 7 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.80 ng	158986	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Octadecane	254	C18H38	000593-45-3	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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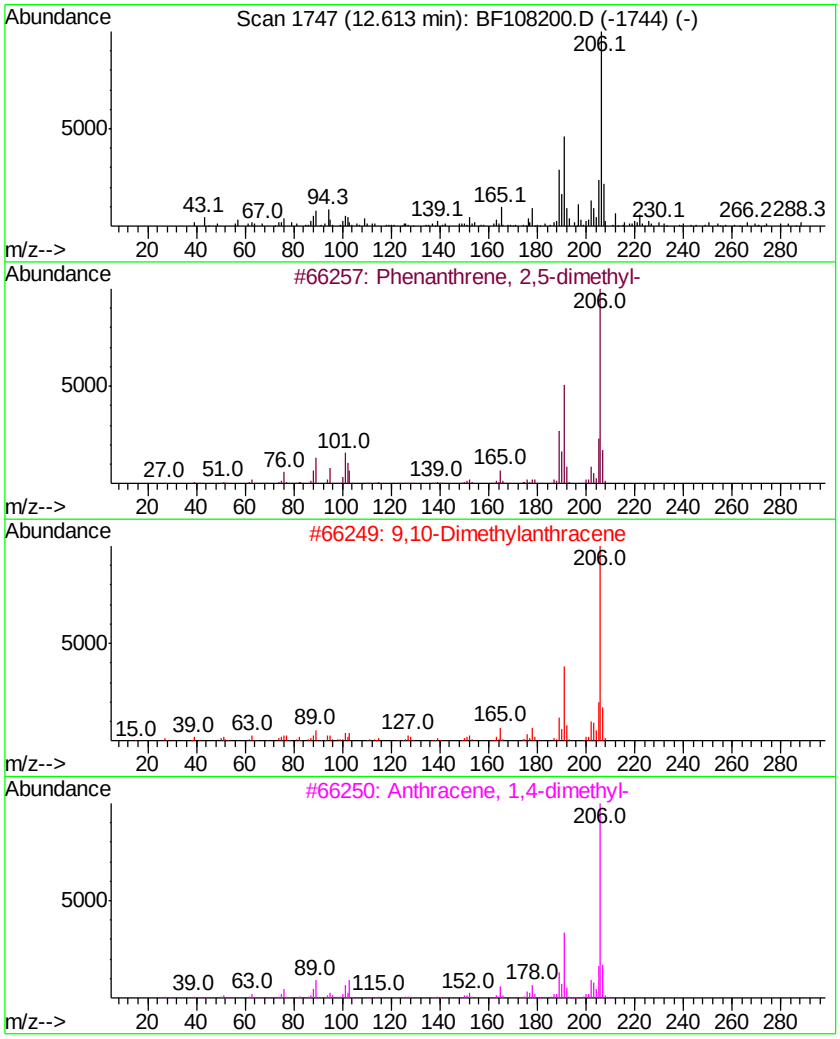
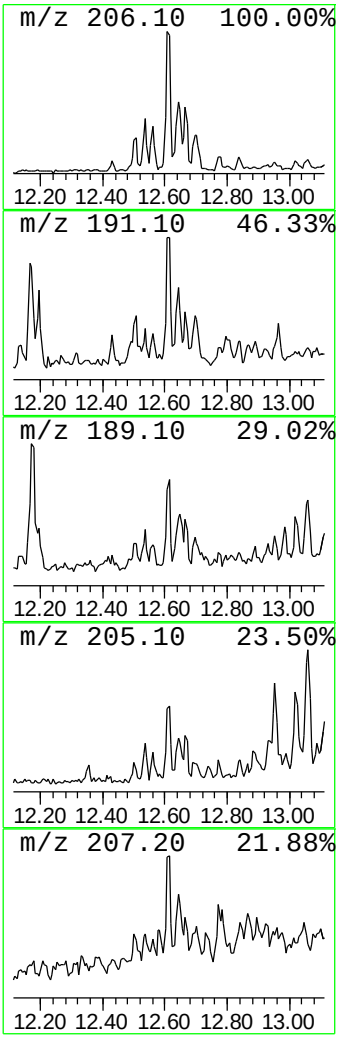
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.17 ng	123168	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Library Search Compound Report

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Data File : BF108200.D
Acq On : 16 Aug 2018 17:37
Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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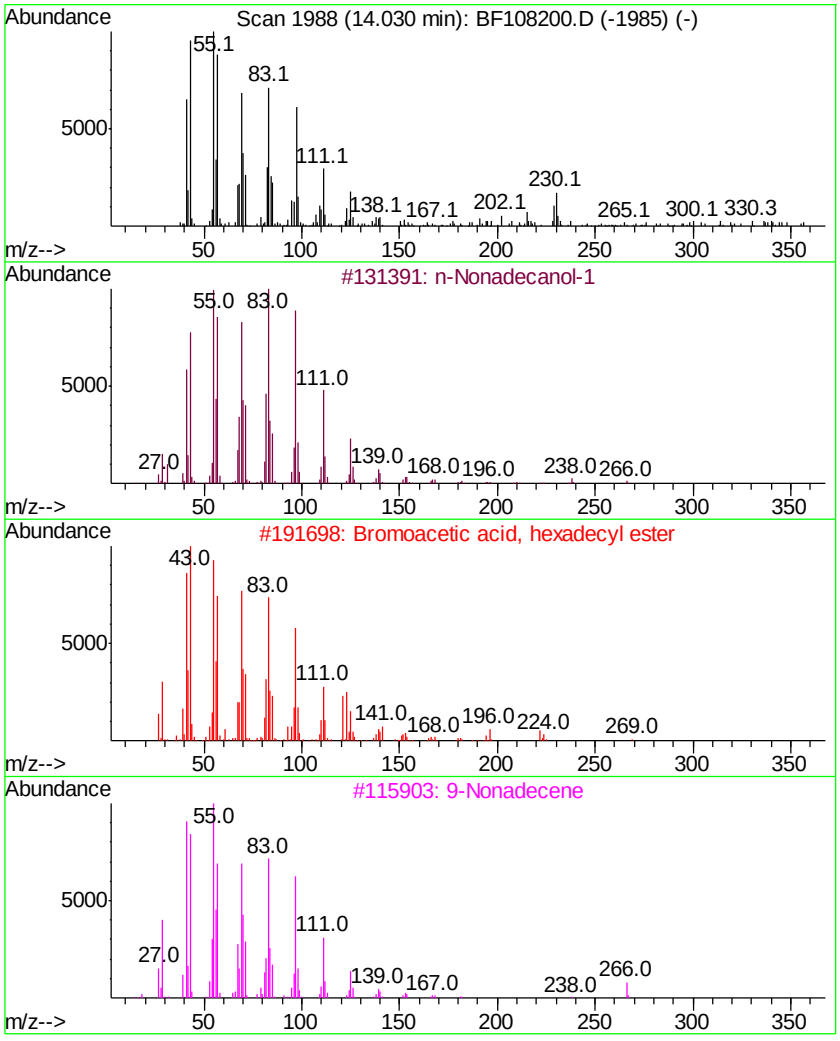
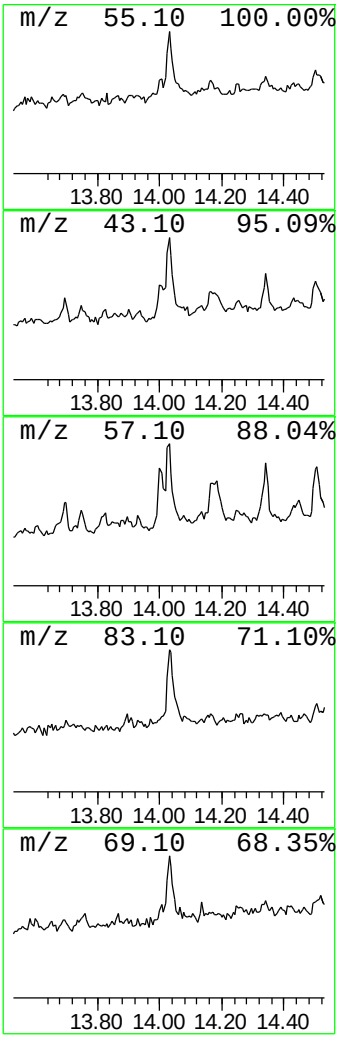
Peak Number 9 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	4.97 ng	270384	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	89
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	89
3	9-Nonadecene	266	C19H38	031035-07-1	86
4	Cyclotetracosane	336	C24H48	000297-03-0	76
5	n-Pentadecanol	228	C15H32O	000629-76-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108200.D
Acq On : 16 Aug 2018 17:37
Operator : JU/SJ
Sample : J4486-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ202

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	5.27	3.8	ng	198518	1	7.02	1050040	20.0
unknown6.78	6.78	74.7	ng	3920260	1	7.02	1050040	20.0
Tridecane	10.69	3.1	ng	213306	3	10.06	1394580	20.0
Dodecane, 2,7,10-...	10.96	9.5	ng	537314	4	11.55	1134060	20.0
Heptadecane, 2,6,...	11.42	6.0	ng	339944	4	11.55	1134060	20.0
Dodecane, 2-methyl-	11.78	2.8	ng	158986	4	11.55	1134060	20.0
Phenanthrene, 2,5...	12.61	2.2	ng	123168	4	11.55	1134060	20.0
n-Nonadecanol-1	14.03	5.0	ng	270384	5	14.21	1088310	20.0