LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

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-BF102318.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	5.581	591	594	605	rVB	363971	382043	1.75%	0.611%
2	6.581	760	764	768	rBV	381970	411114	1.89%	0.657%
3	6.734	786	790	797	rVB	514877	450462	2.07%	0.720%
4	6.969	826	830	833	rBV	800478	644264	2.96%	1.030%
5	7.122	850	856	862	rBV	474220	468006	2.15%	0.748%
6	7.528	922	925	927	rVV	333143	366175	1.68%	0.586%
7	7.551	927	929	933	rVB	644740	503992	2.31%	0.806%
8	7.863	974	982	984	rBV3	156789	236071	1.08%	0.378%
9	7.986	1000	1003	1005	rVV	381429	330737	1.52%	0.529%
10	8.222	1039	1043	1046	rBV	902642	884964	4.06%	1.415%
11	8.251	1046	1048	1053	rVV	836701	759427	3.48%	1.215%
12	8.298	1053	1056	1059	rVB2	482402	433895	1.99%	0.694%
13	8.533	1093	1096	1101	rVB4	404617	452335	2.08%	0.723%
14	8.657	1114	1117	1119	rVV	569985	434334	1.99%	0.695%
15	8.751	1130	1133	1136	rBV	379548	357002	1.64%	0.571%
16	8.828	1141	1146	1151	rBV	1273162	1172442	5.38%	1.875%
17	8.916	1158	1161	1166	rVB4	218648	303285	1.39%	0.485%
18	9.075	1185	1188	1190	rBV2	325820	320773	1.47%	0.513%
19	9.110	1192	1194	1196	rVV	266614	225436	1.03%	0.361%
20	9.157	1199	1202	1205	rVB2	219634	238759	1.10%	0.382%
21	9.192	1205	1208	1211	rBV	394135	348539	1.60%	0.557%
22	9.257	1217	1219	1222	rVB	435176	322967	1.48%	0.517%
23	9.322	1227	1230	1234	rBV	578975	547227	2.51%	0.875%
24	9.398	1239	1243	1246	rBV	1146843	1081158	4.96%	1.729%
25	9.580	1272	1274	1281	rBV6	179647	224109	1.03%	0.358%
26	9.651	1281	1286	1288	rBV3	177332	272951	1.25%	0.437%
27	9.716	1293	1297	1305	rVB3	480389	784863	3.60%	1.255%
28	9.927	1329	1333	1337	rVB	1017224	868819	3.99%	1.389%
29	10.016	1345	1348	1351	rVB	724351	578241	2.65%	0.925%
30	10.245	1384	1387	1392	rBV3	210533	269790	1.24%	0.431%
31	10.427	1414	1418	1420	rBV	878239	735706	3.38%	1.177%
32	10.645	1450	1455	1458	rBV	335843	407932	1.87%	0.652%
33	10.898	1495	1498	1504	rBV	785396	902650	4.14%	1.444%
34	11.351	1571	1575	1577	rBV	605627	505531	2.32%	0.808%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.510	1598	1602	1604	rBV	590308	573691	2.63%	0.917%
36	11.774	1644	1647	1650	rBV	544335	432604	1.98%	0.692%
37	11.886	1661	1666	1669	rVB	6335507	6332922	29.05%	10.128%
38	12.186	1713	1717	1725	rBV	403044	455574	2.09%	0.729%
39	12.598	1778	1787	1789	rBV	8974697	21798140	100.00%	34.861%
40	12.621	1789	1791	1795	rVV2	9023514	8906203	40.86%	14.243%
41	12.680	1797	1801	1804	rVB	3812691	3118782	14.31%	4.988%
42	12.945	1844	1846	1848	rBV	285770	241798	1.11%	0.387%
43	13.092	1867	1871	1874	rBV	452728	410464	1.88%	0.656%
44	13.304	1904	1907	1909	rBV	294266	256718	1.18%	0.411%
45	13.398	1920	1923	1926	rBV	448698	390301	1.79%	0.624%
46	14.068	2034	2037	2044	rBV	370979	373855	1.72%	0.598%
47	14.157	2049	2052	2062	rVB	566644	590787	2.71%	0.945%
48	14.598	2124	2127	2132	rVB	228092	251335	1.15%	0.402%
49	15.051	2200	2204	2209	rVB	261192	367057	1.68%	0.587%
50	15.274	2239	2242	2252	rVB	215715	292438	1.34%	0.468%
51	15.692	2307	2313	2319	rVB2	280410	510936	2.34%	0.817%

Sum of corrected areas: 62529604

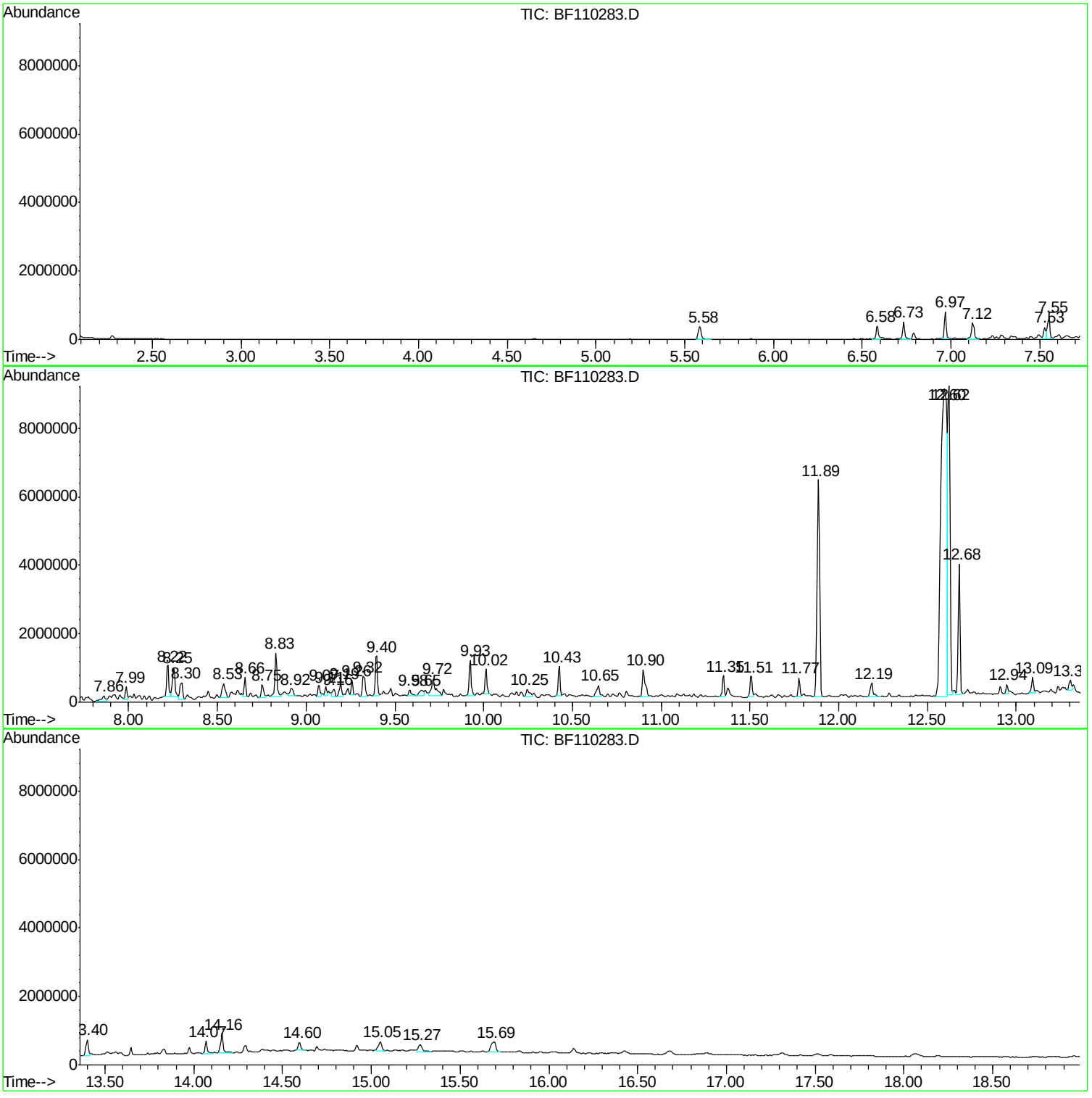
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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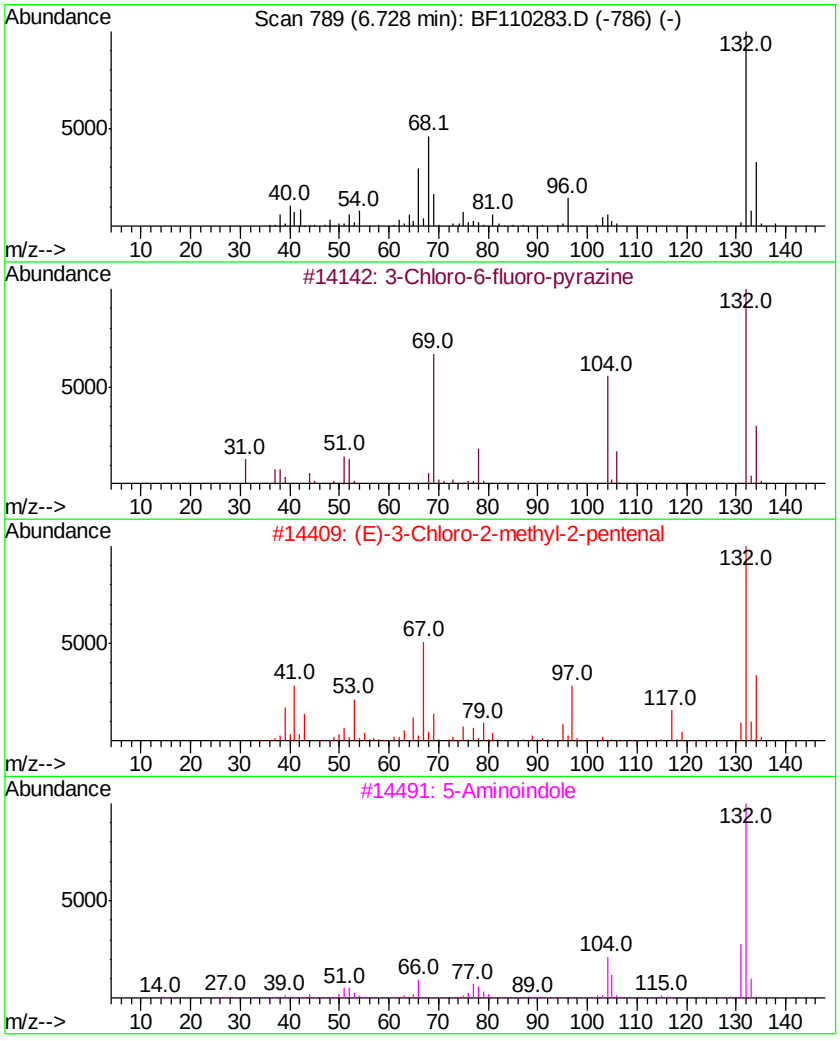
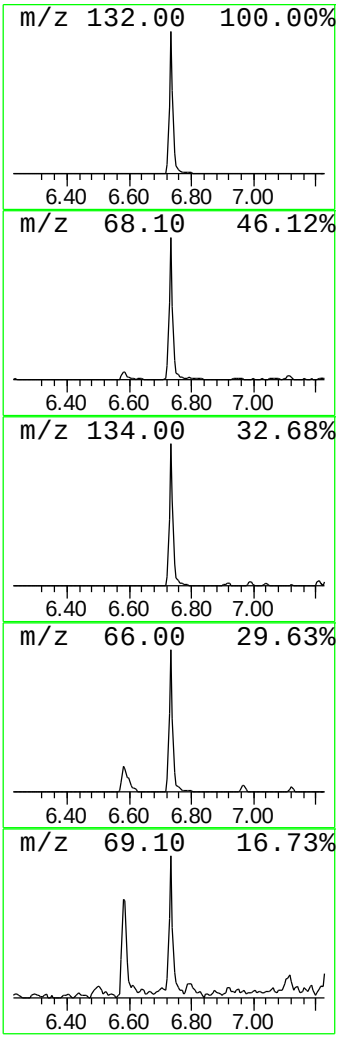
Peak Number 1 unknown6.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	13.98 ng	450462	1,4-Dichlorobenzene-d4	6.97

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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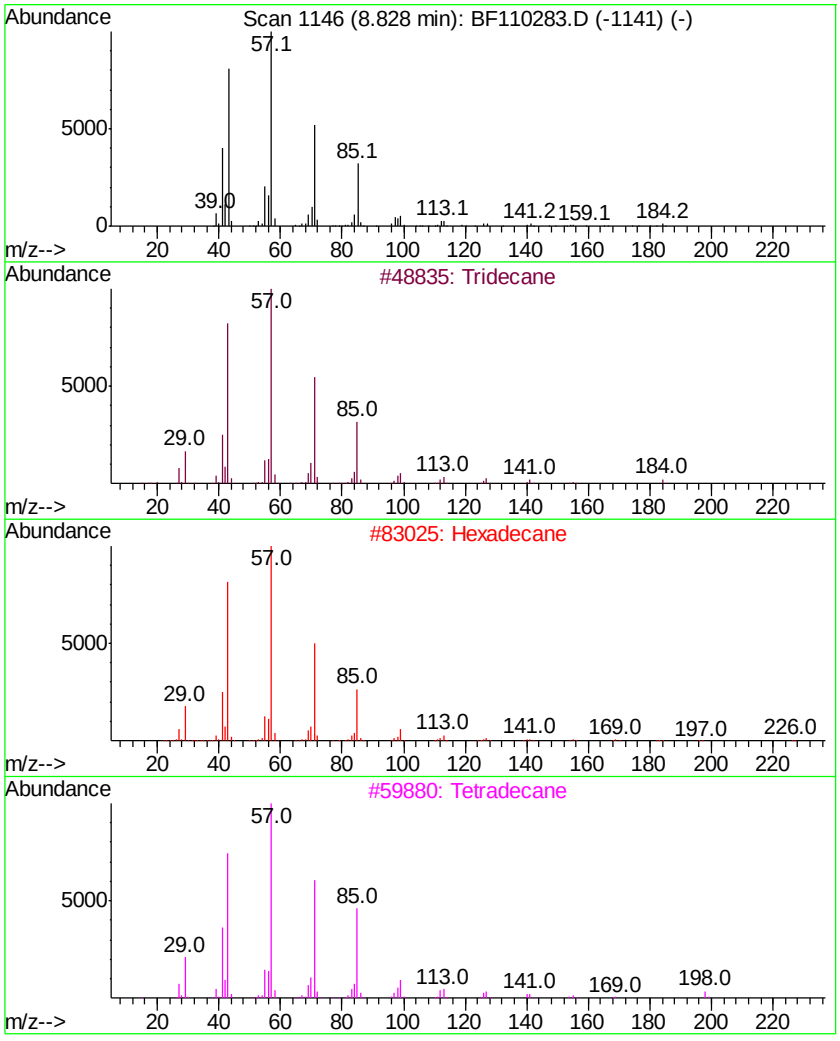
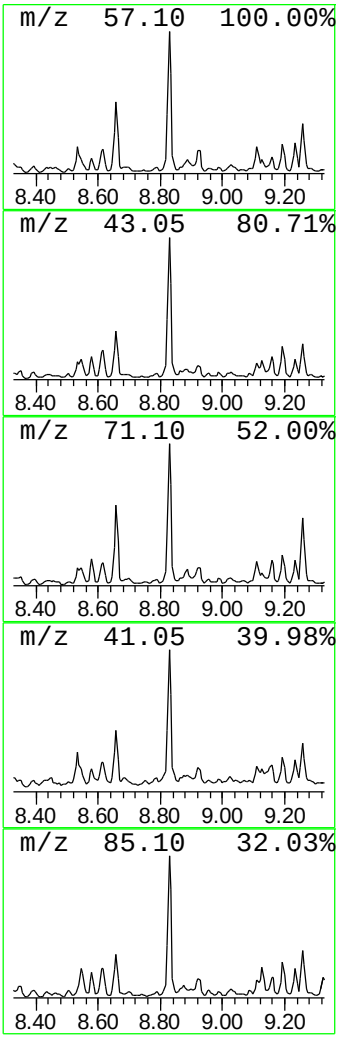
Peak Number 3 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	30.88 ng	1172440	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane	170	C12H26	000112-40-3	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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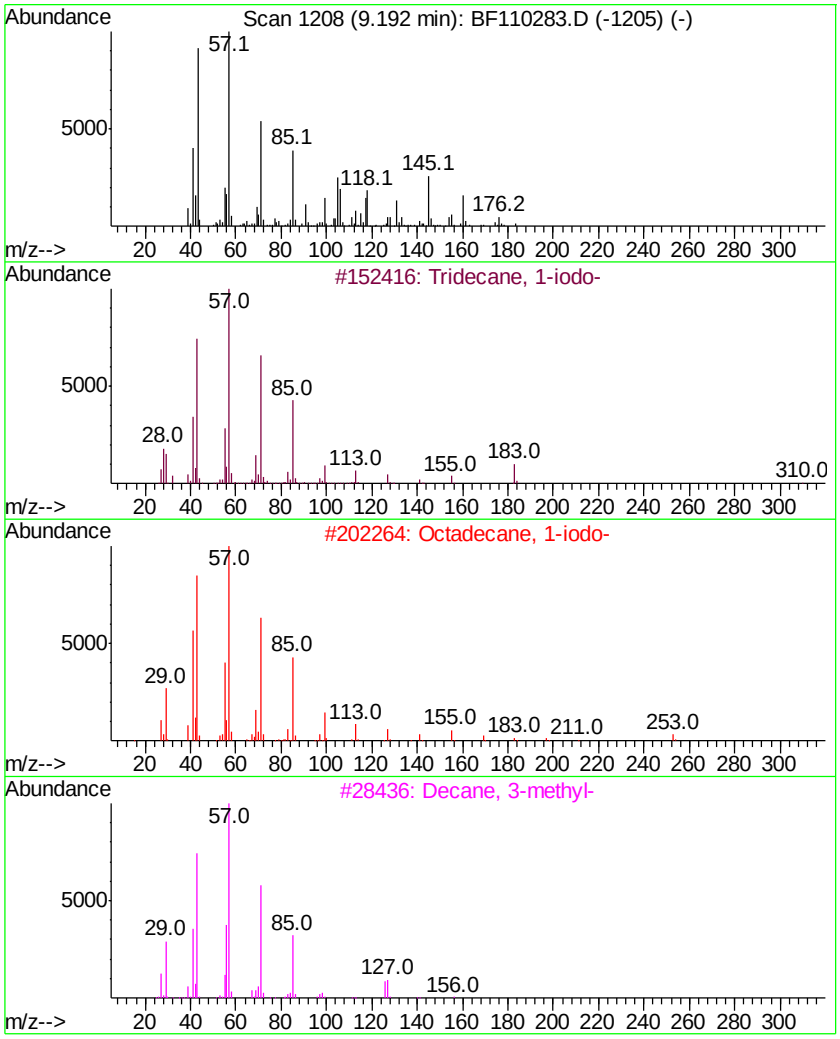
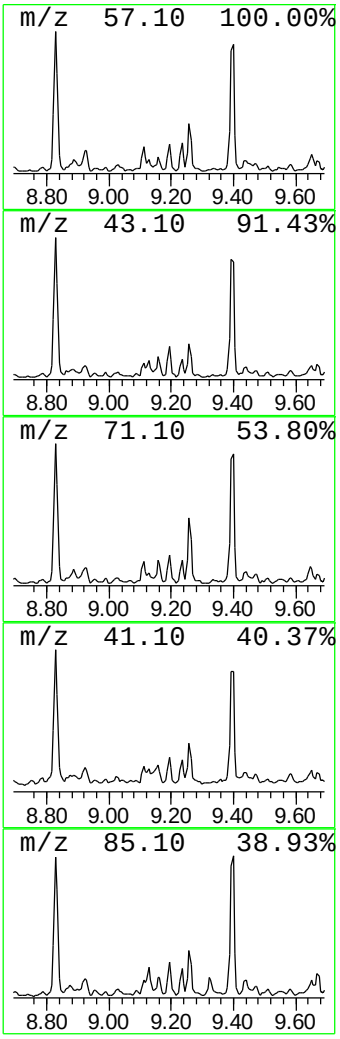
Peak Number 4 unknown9.19 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	12.06 ng	348539	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38
3	Decane, 3-methyl-	156	C11H24	013151-34-3	38
4	Heptacosane	380	C27H56	000593-49-7	38
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

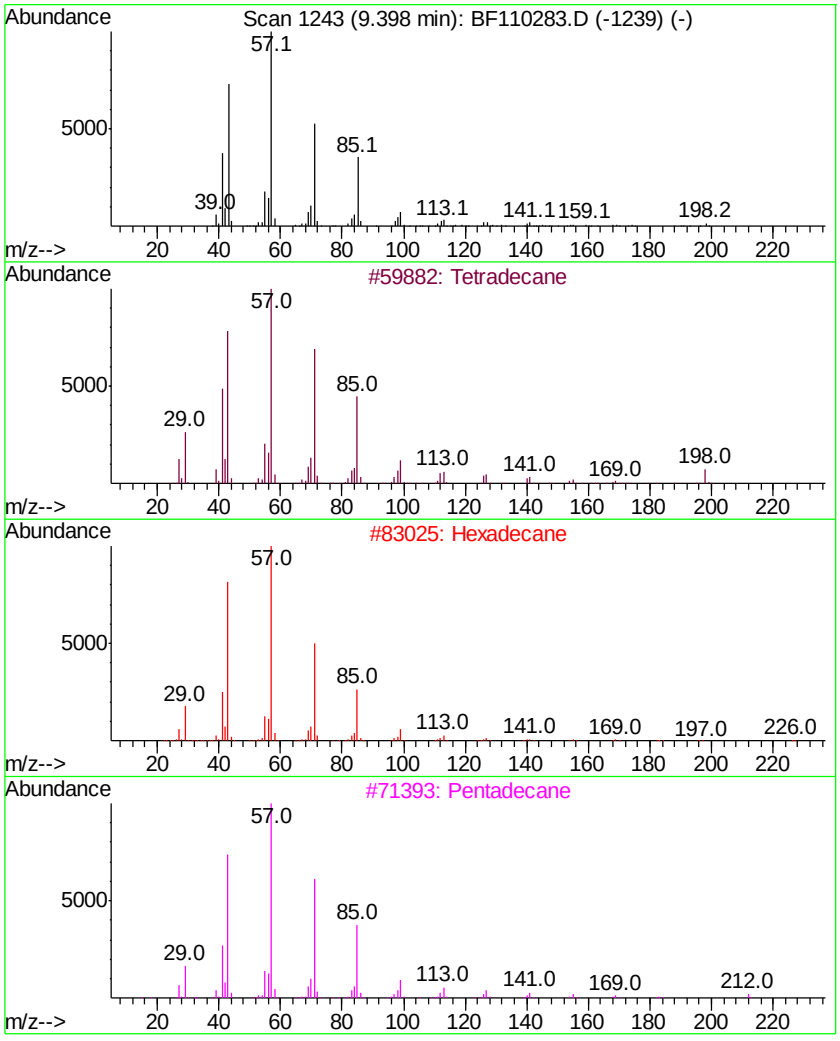
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

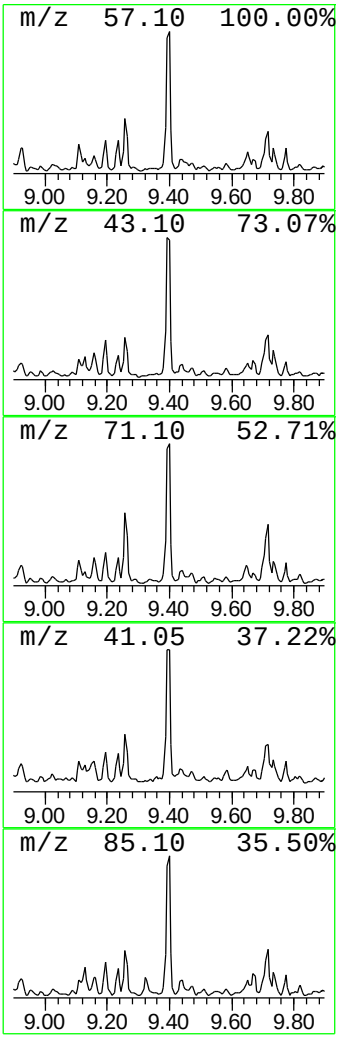
****

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	37.39 ng	1081160	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	86
4	Undecane	156	C11H24	001120-21-4	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

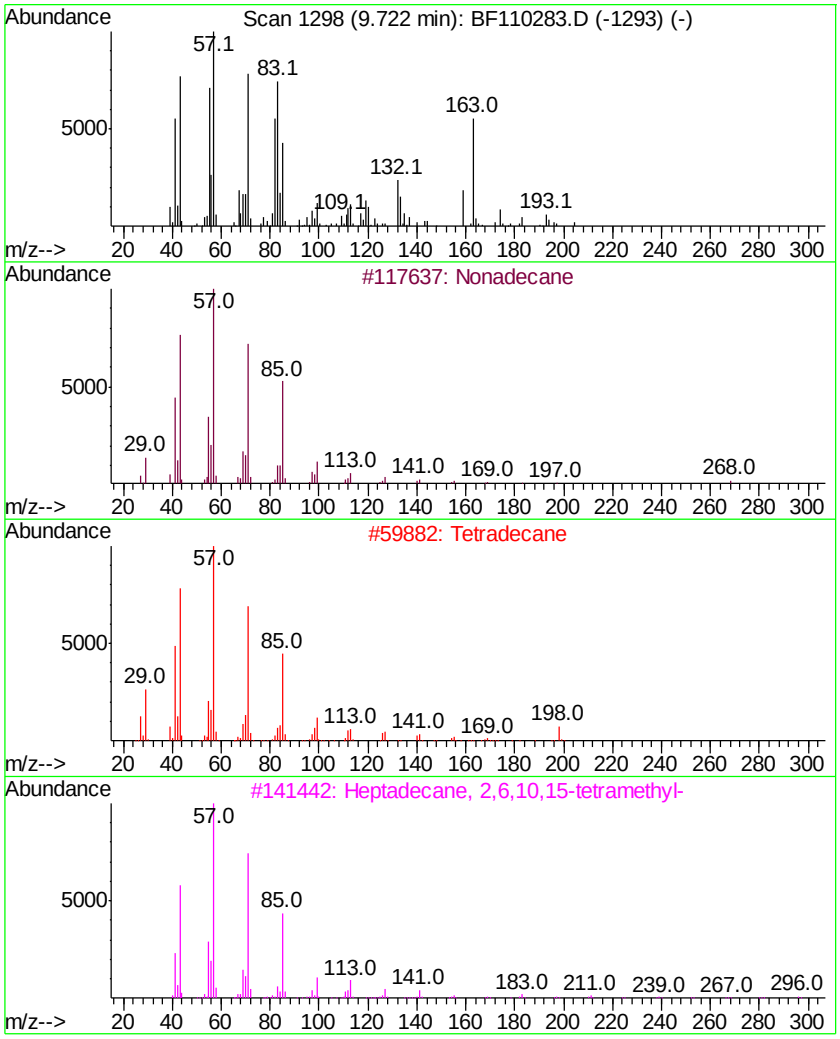
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

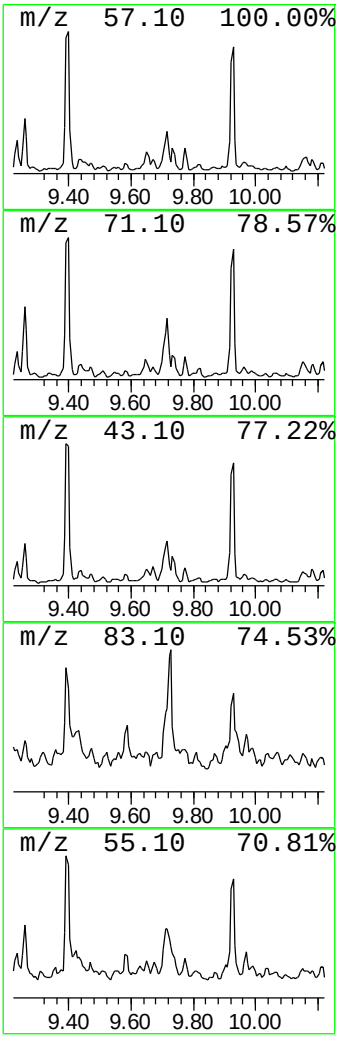
****

Peak Number 6 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	27.15 ng	784863	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Tetradecane	198	C14H30	000629-59-4	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





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Data File : BF110283.D
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Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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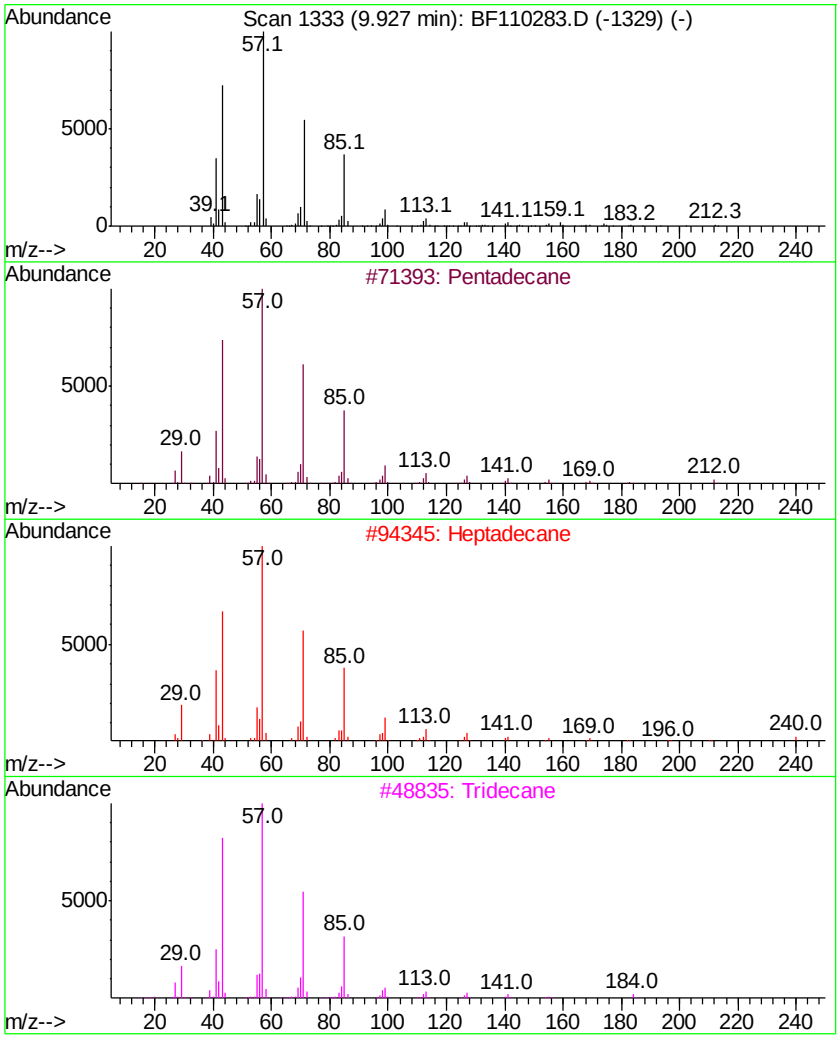
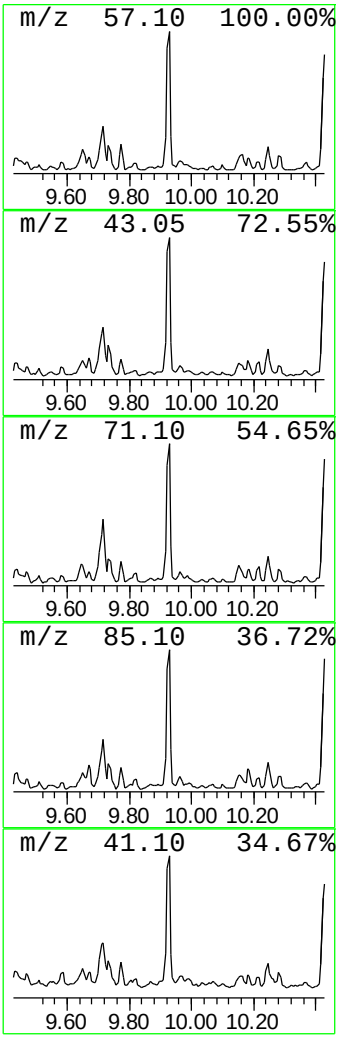
Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	30.05 ng	868819	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Data File : BF110283.D
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Operator : JU/SJ
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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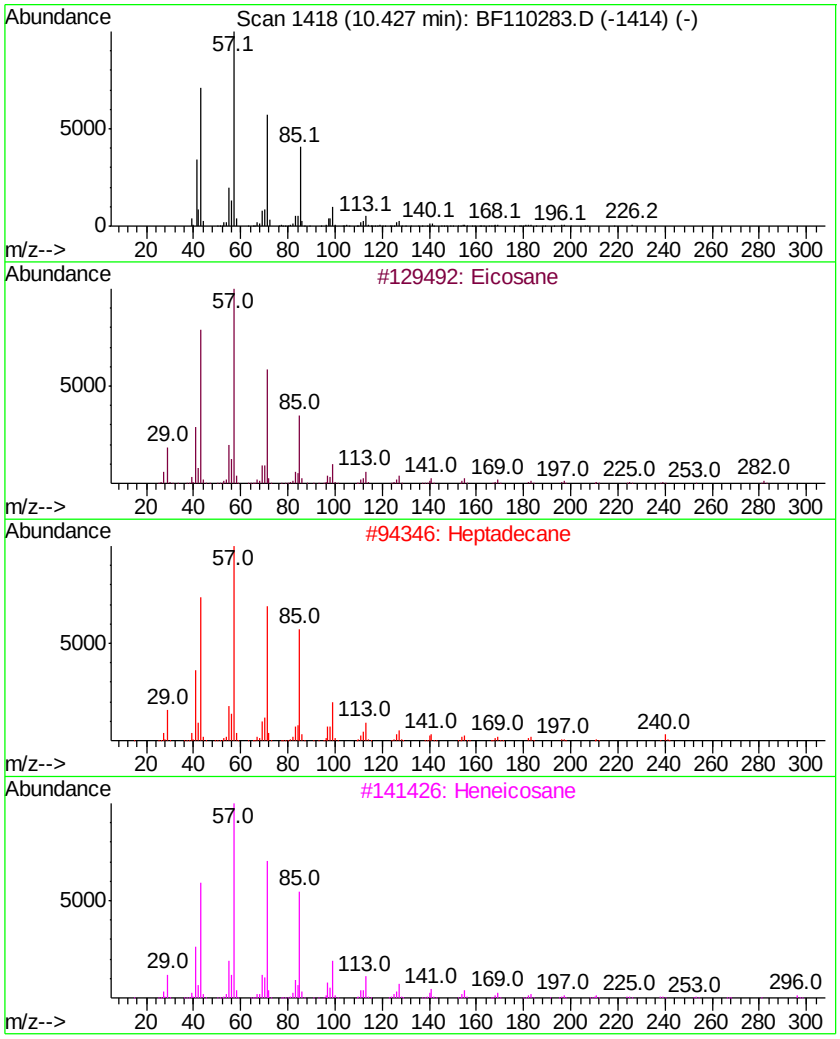
Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	25.45 ng	735706	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	90



m/z 57.10 100.00%
m/z 43.10 71.11%
m/z 71.05 57.50%
m/z 85.10 40.62%
m/z 41.10 33.94%

Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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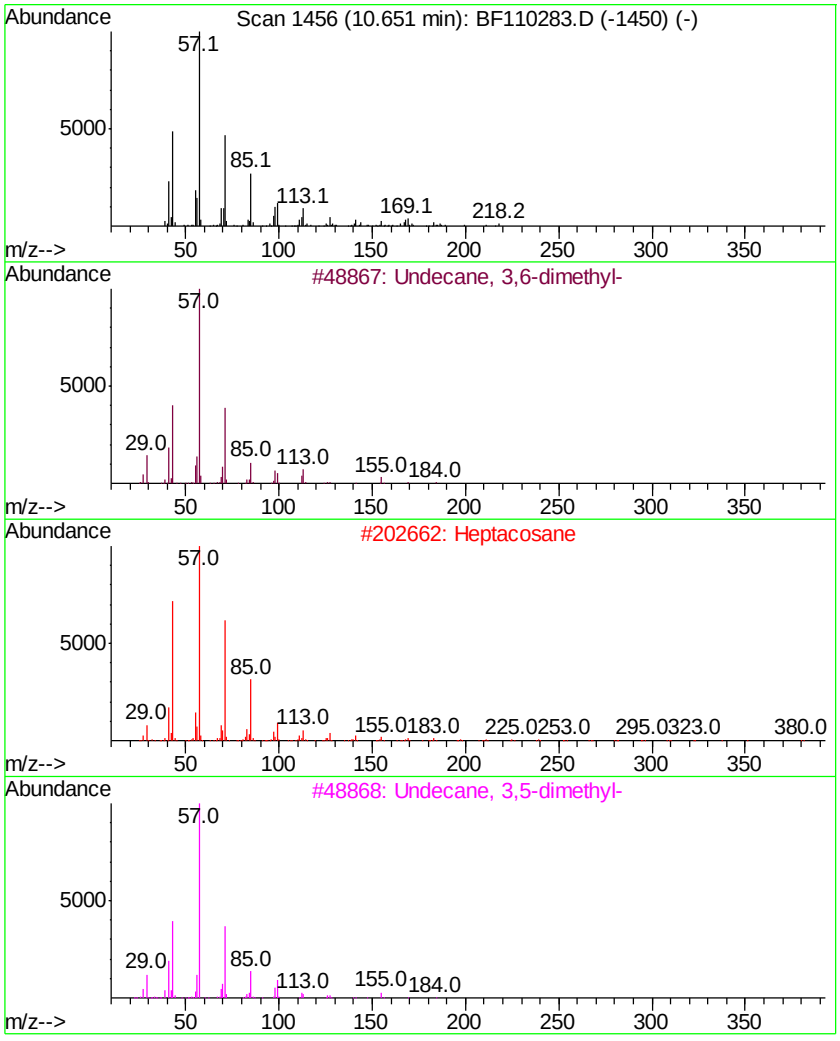
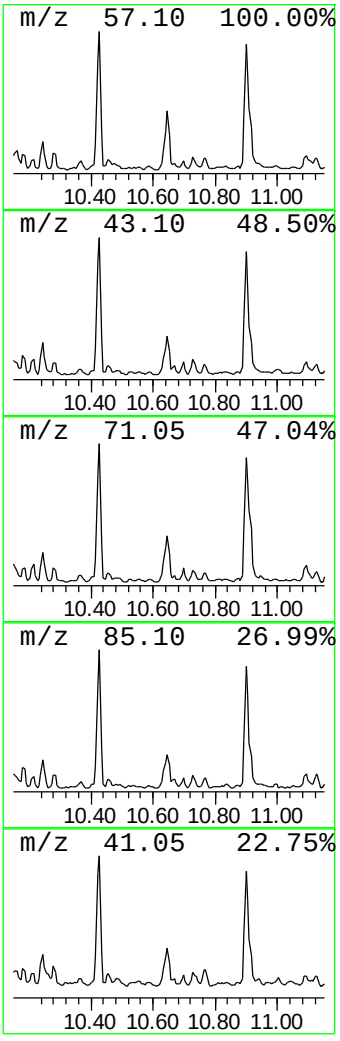
Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	14.11 ng	407932	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	74
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





Library Search Compound Report

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Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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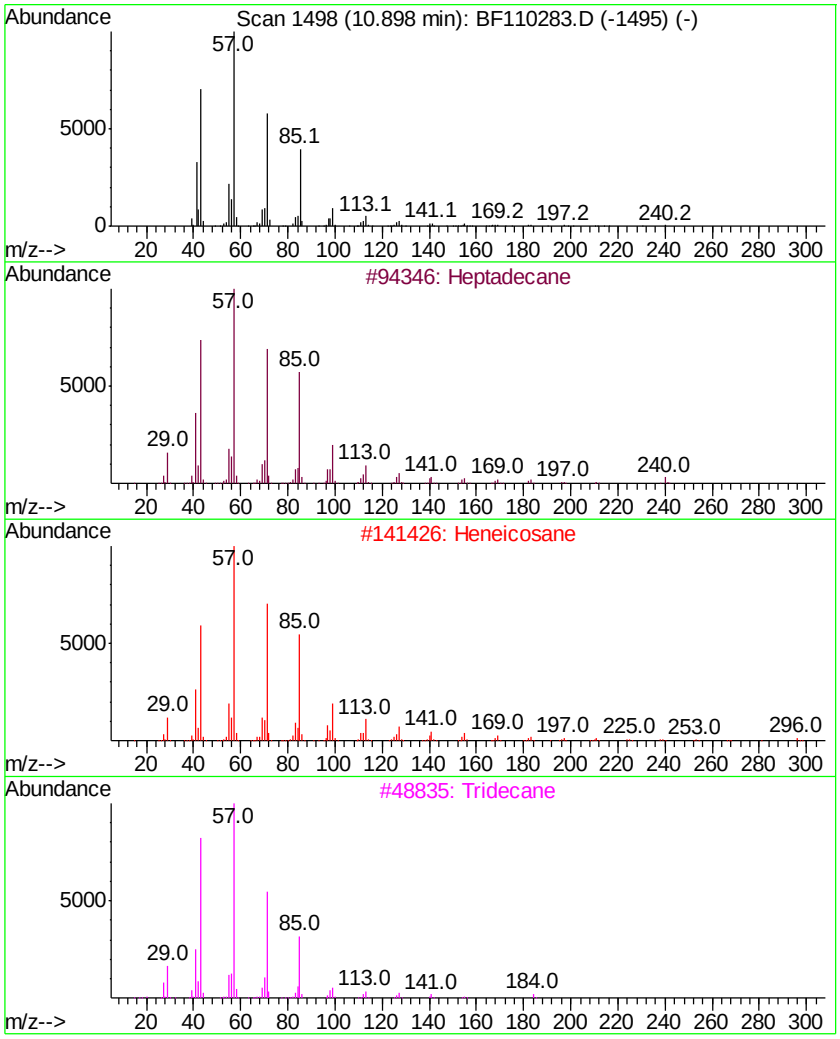
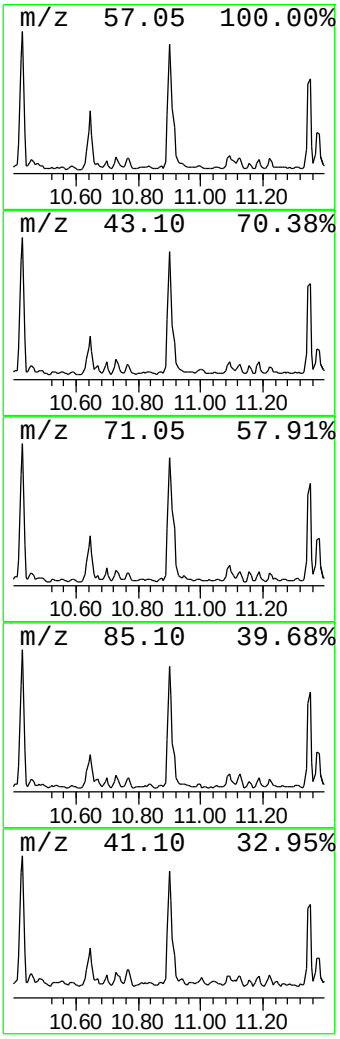
Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	31.47 ng	902650	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tridecane	184	C13H28	000629-50-5	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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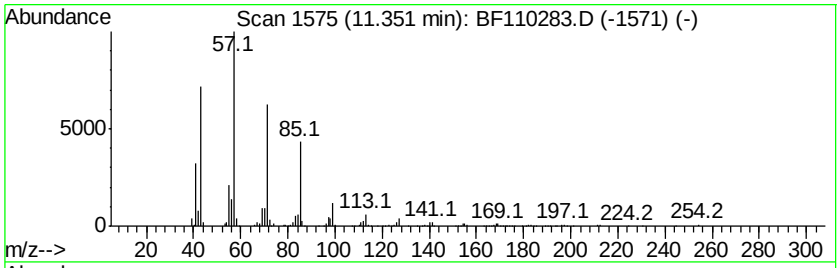
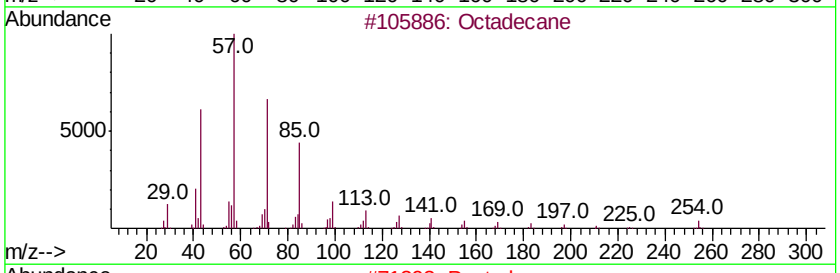
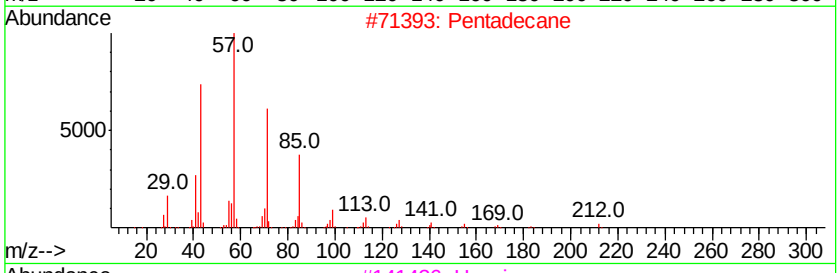
Peak Number 11 Octadecane Concentration Rank 11

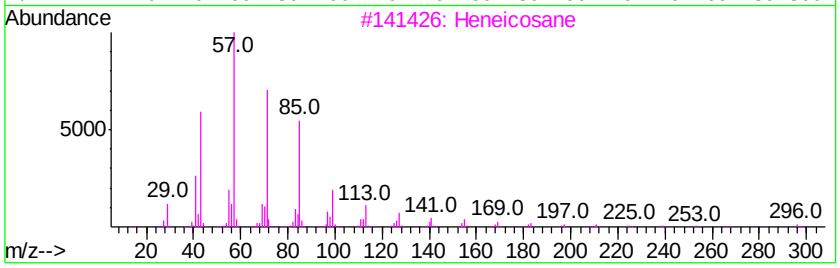
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	17.62 ng	505531	Phenanthrene-d10	11.51

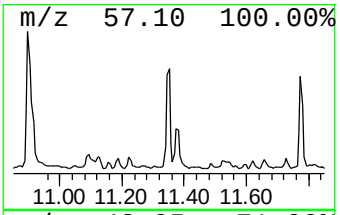
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87

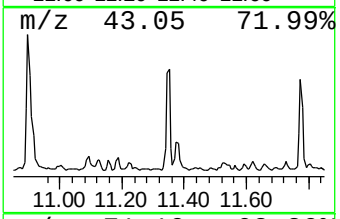


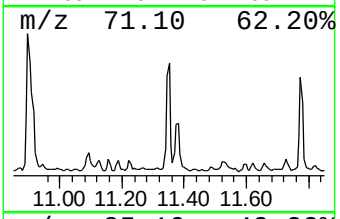


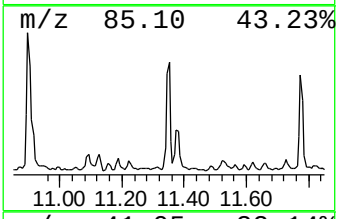


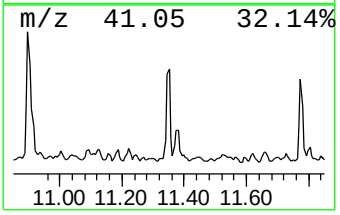












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Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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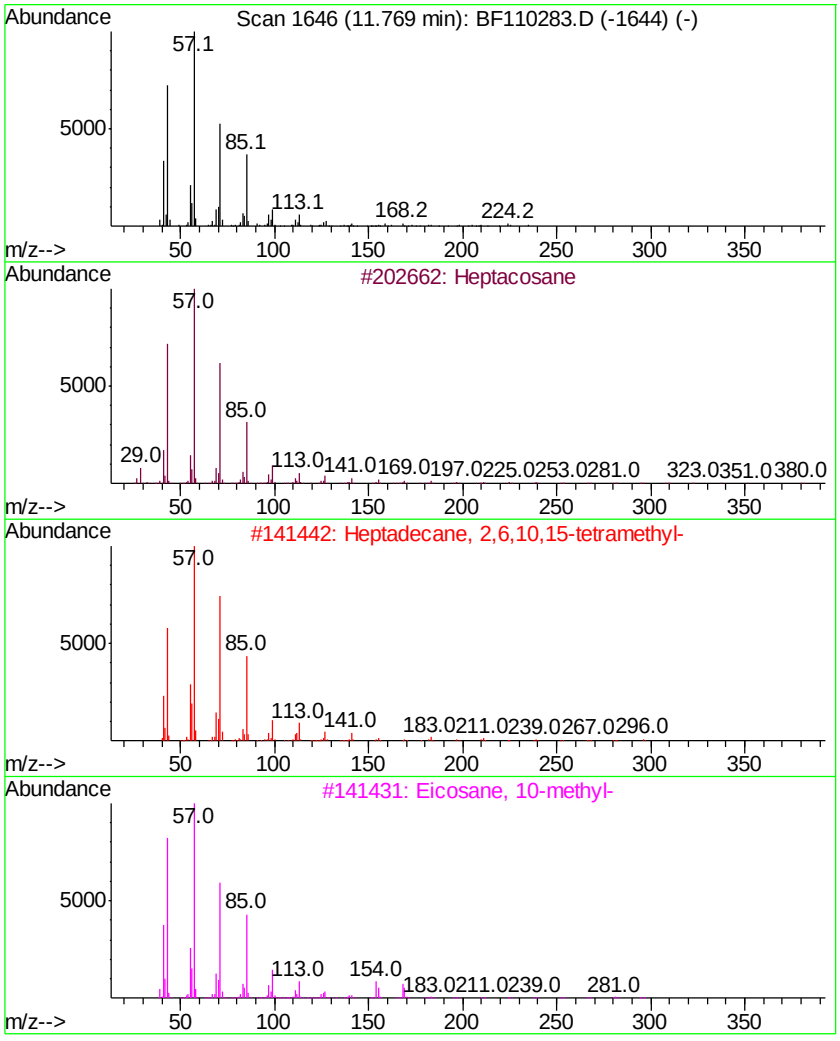
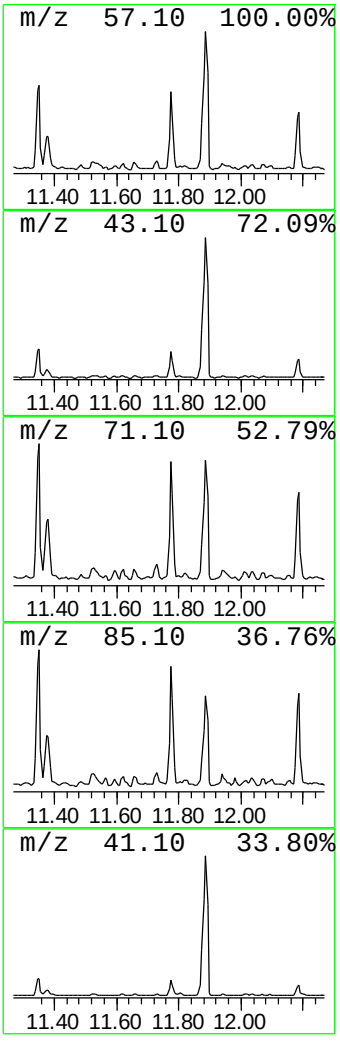
Peak Number 12 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	15.08 ng	432604	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





Library Search Compound Report

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Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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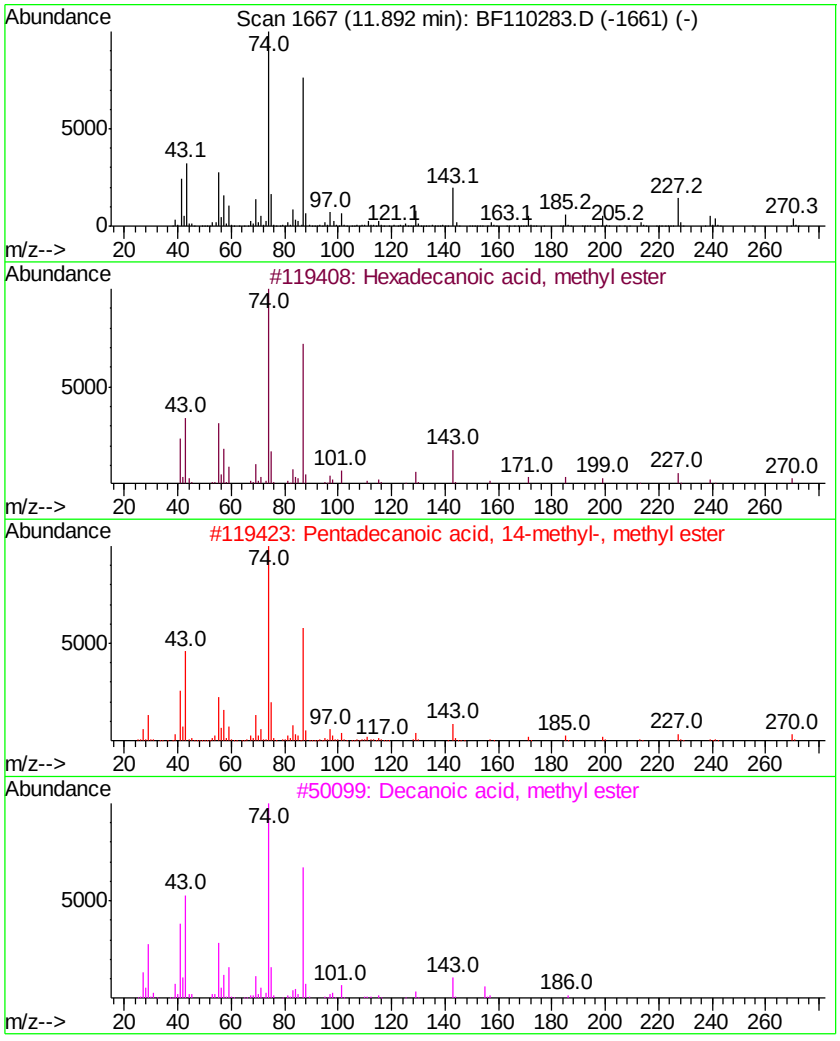
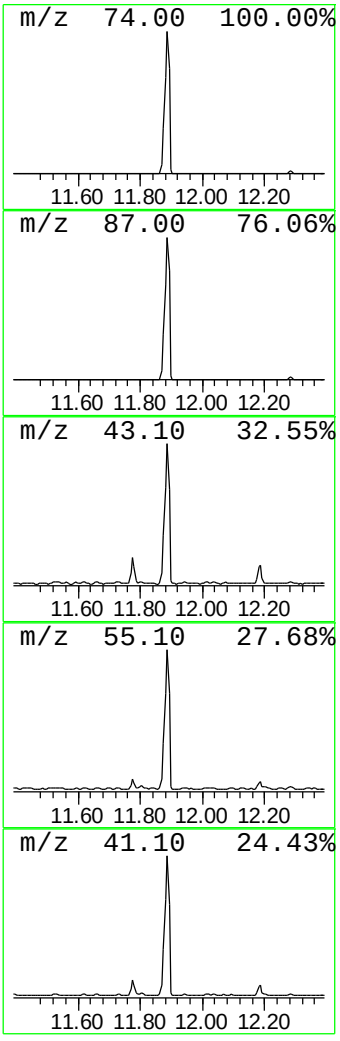
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	220.78 ng	6332920	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId : HR-05-102618-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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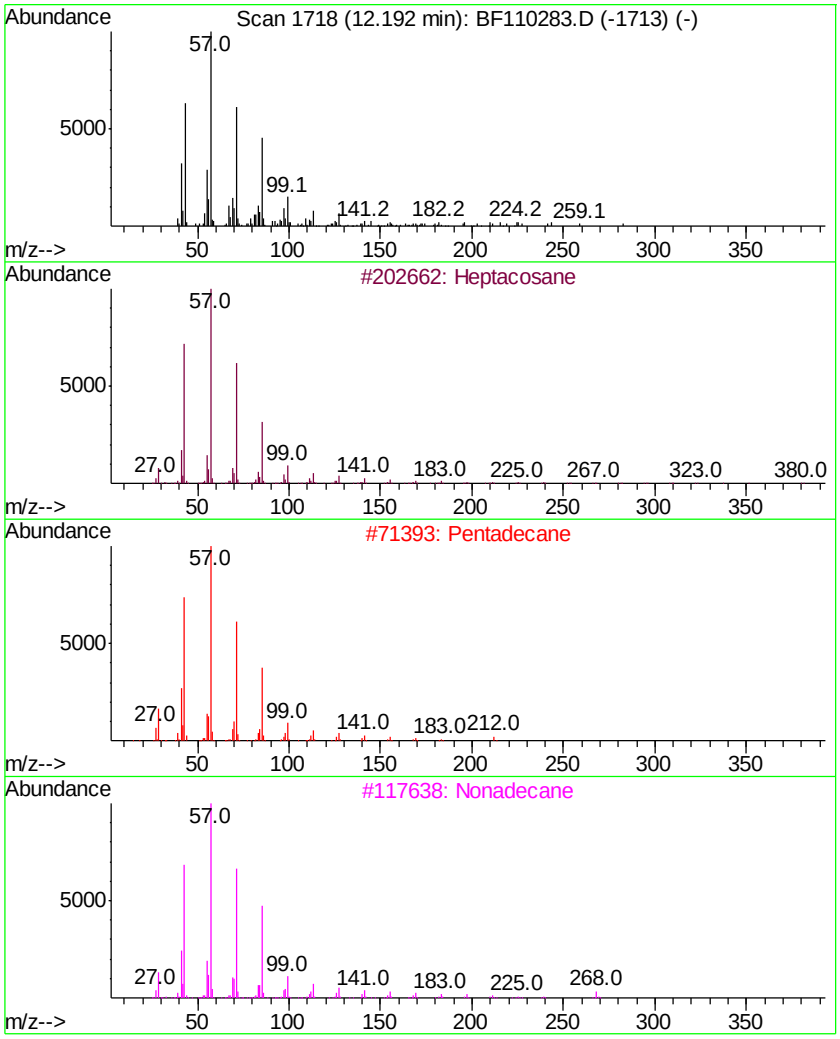
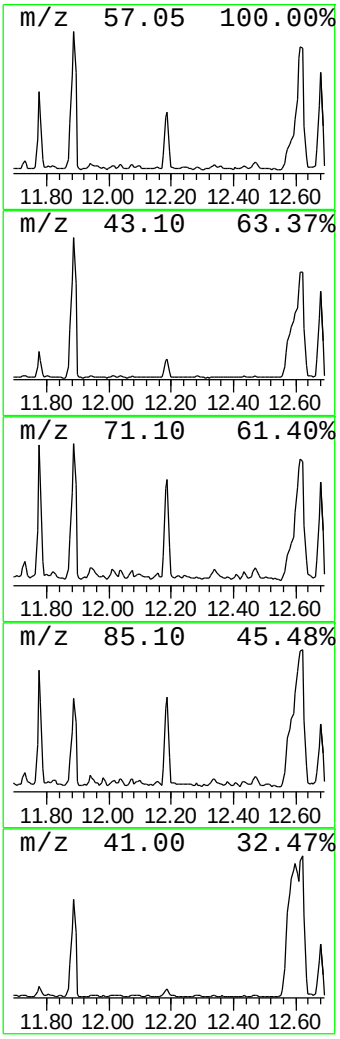
Peak Number 14 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	15.88 ng	455574	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Library Search Compound Report

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Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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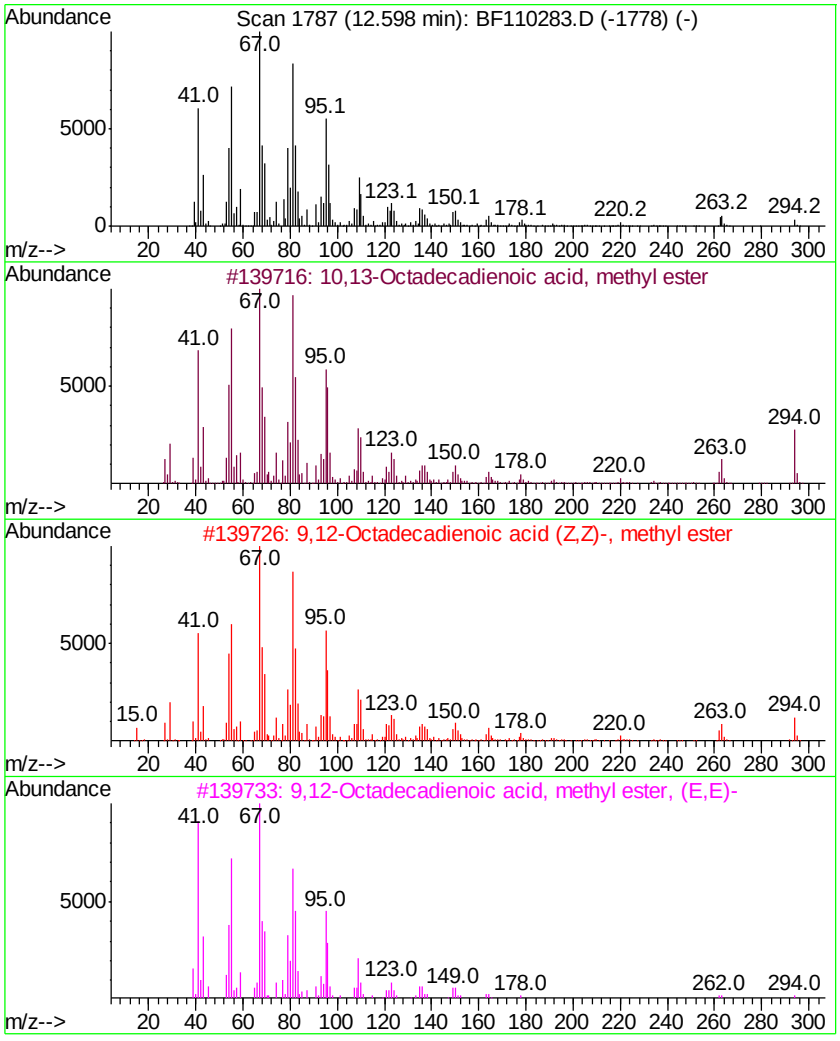
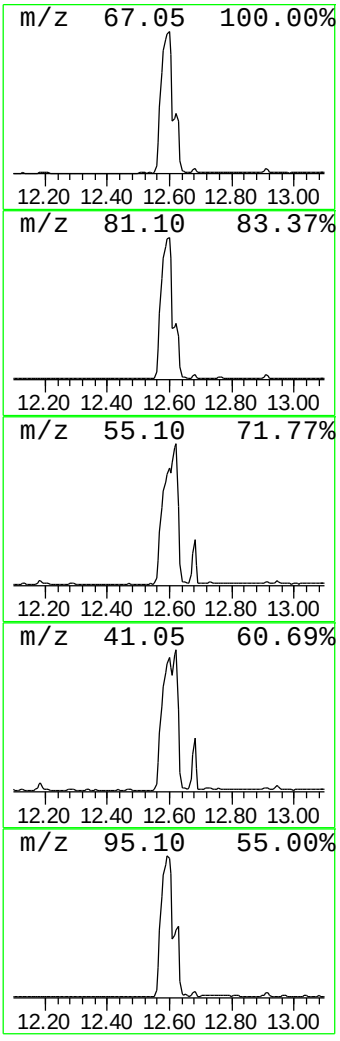
Peak Number 15 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	759.93 ng	21798100	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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

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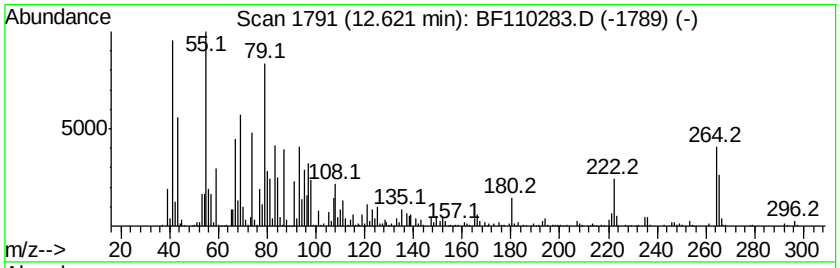
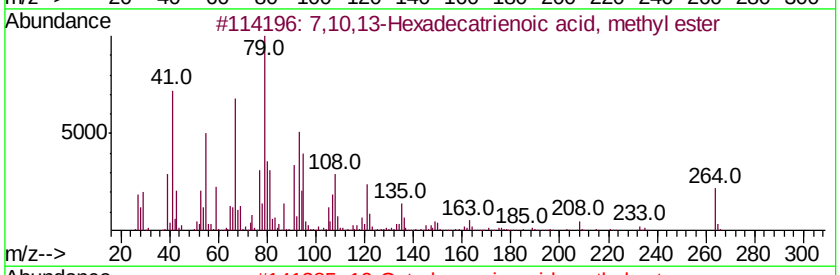
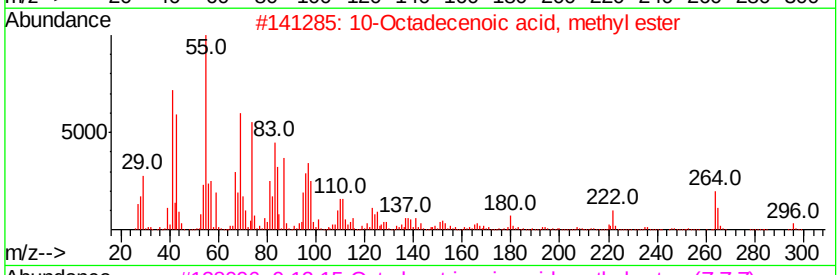
Peak Number 16 7,10,13-Hexadecatrienoic ac... Concentration Rank 2

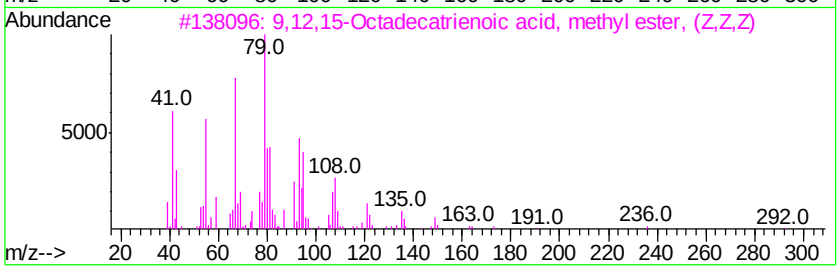
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	310.49 ng	8906200	Phenanthrene-d10	11.51

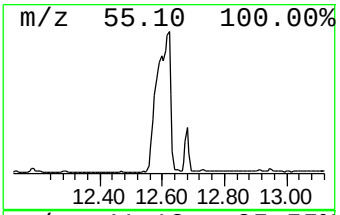
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	83
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	47
3	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	38
4	Cyclohexene, 3-ethenyl-	108	C8H12	000766-03-0	38
5	Methyl stearidonate	290	C19H30O2	1000336-47-8	38

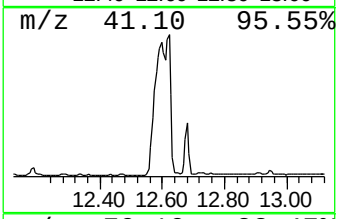


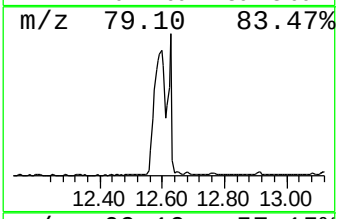


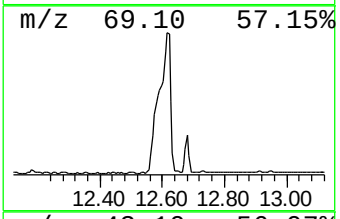


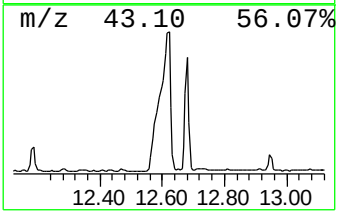












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Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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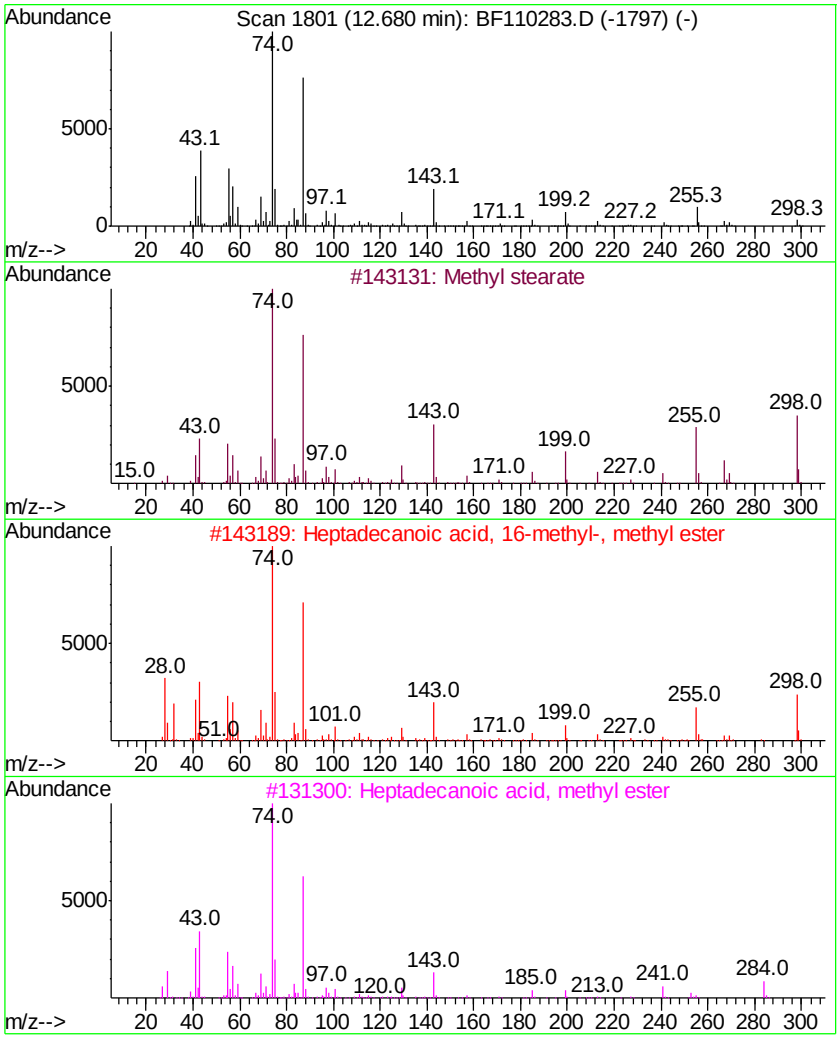
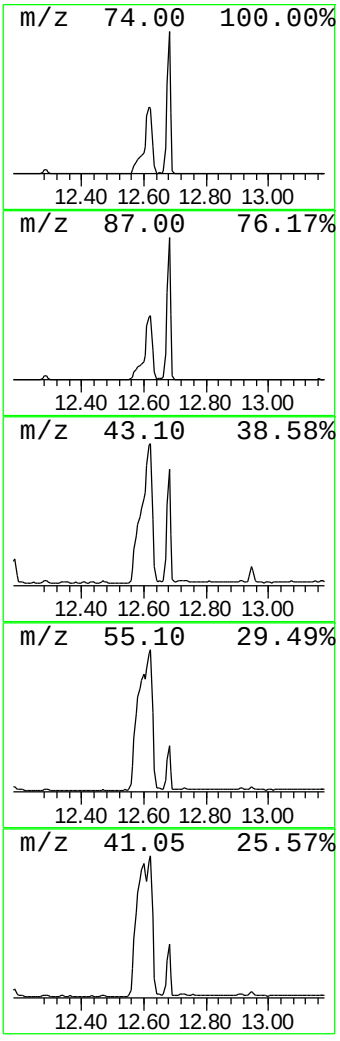
Peak Number 17 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	108.73 ng	3118780	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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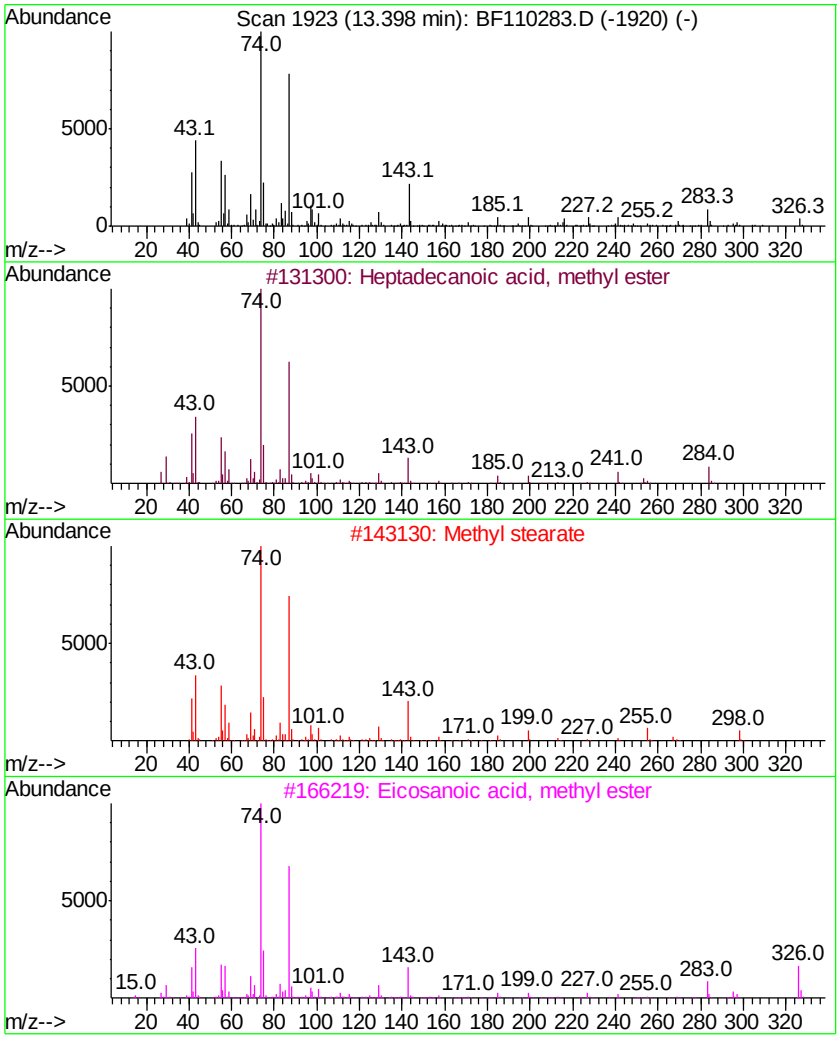
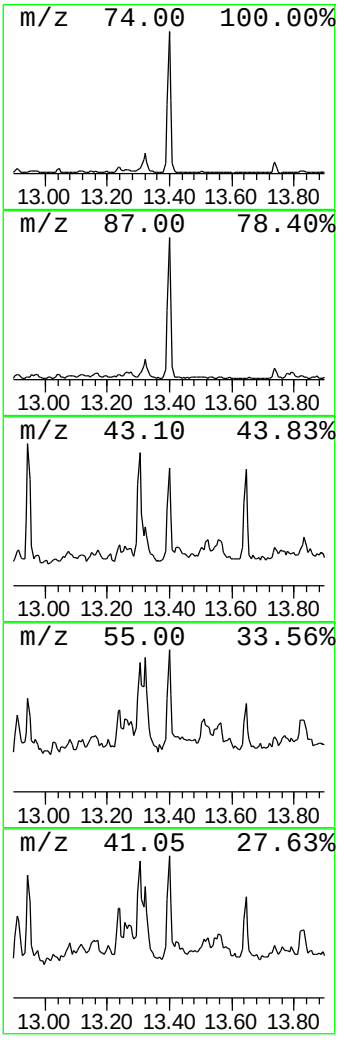
Peak Number 18 Heptadecanoic acid, methyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	13.21 ng	390301	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
2	Methyl stearate	298	C19H38O2	000112-61-8	95
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	94
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

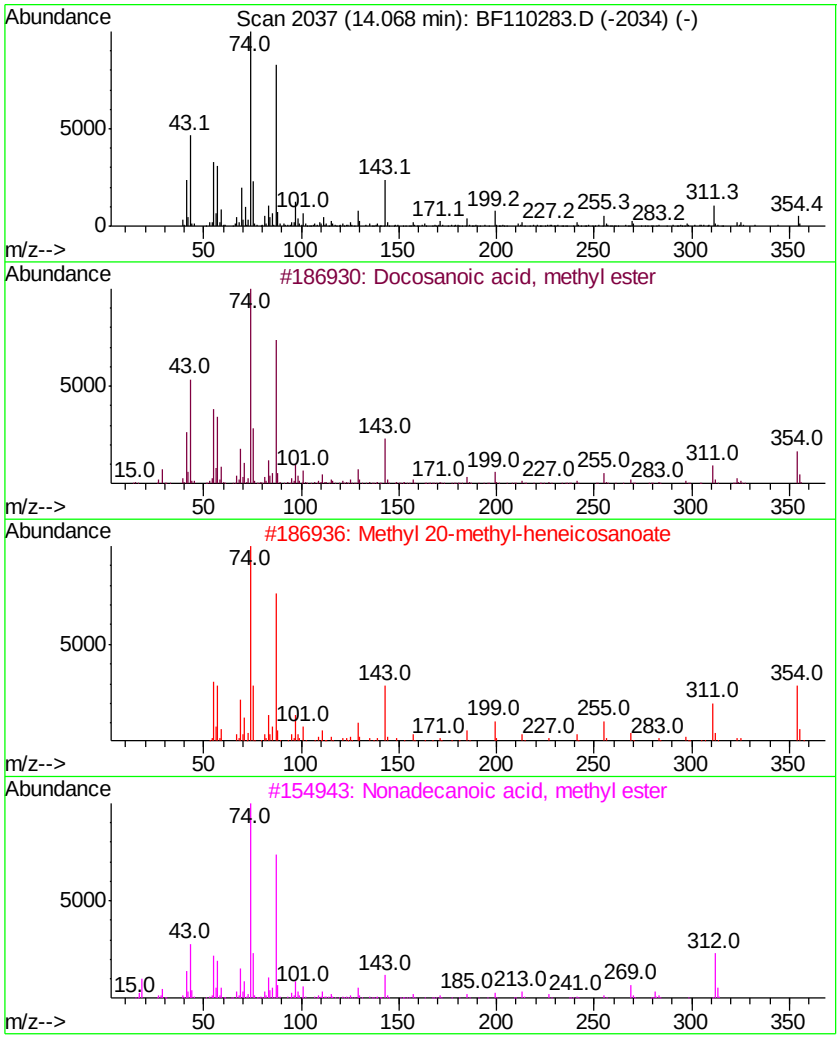
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

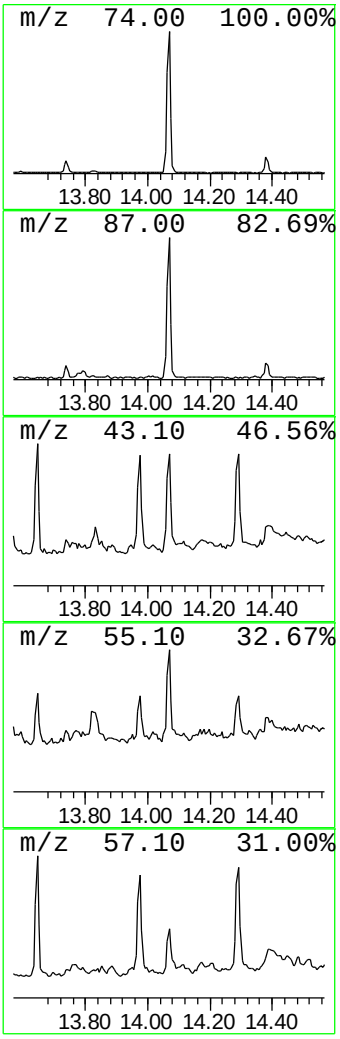
****

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	12.66 ng	373855	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	98
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Methyl stearate	298	C19H38O2	000112-61-8	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

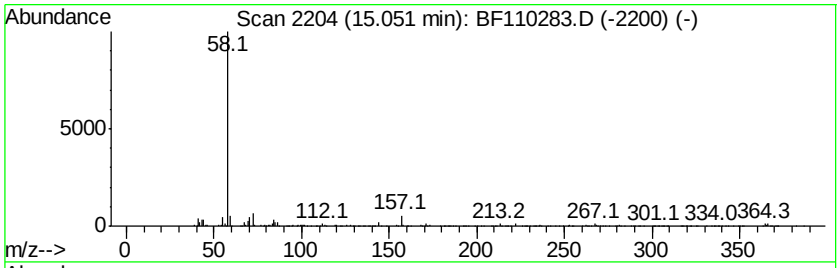
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

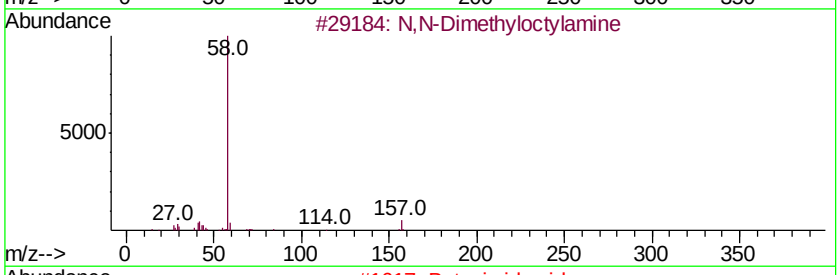
****

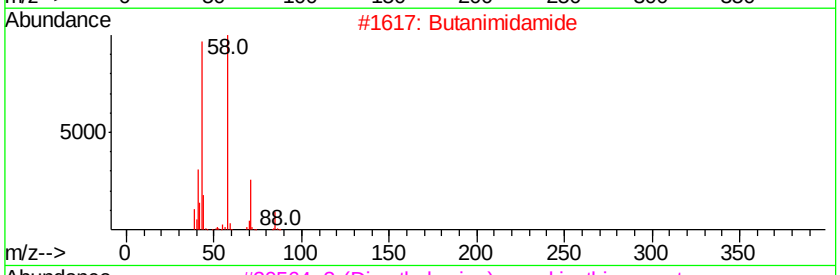
Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 15

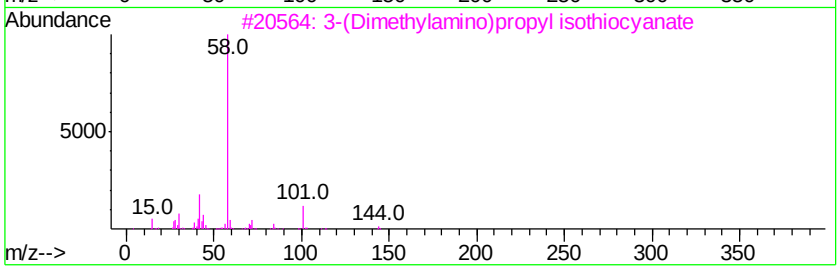
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	14.37 ng	367057	Perylene-d12	15.69

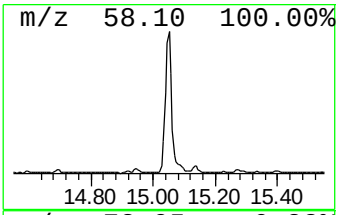
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	Butanimidamide	86	C4H10N2	000107-90-4	64
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
4	Benzedrex	155	C10H21N	000101-40-6	59
5	3-Buten-1-amine, N,N-dimethyl-	99	C6H13N	055831-89-5	59

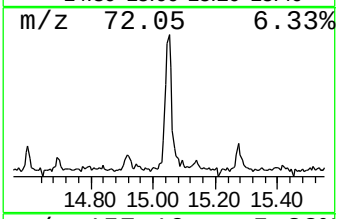


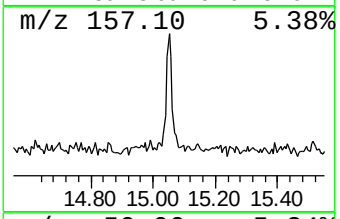


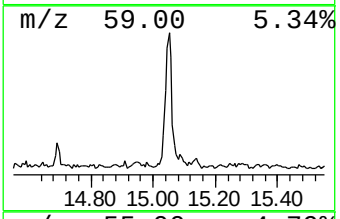


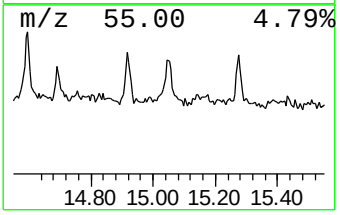












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-102618-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
unknown6.73	6.73	14.0	ng	450462	1	6.97	644264	20.0
Tridecane	8.83	30.9	ng	1172440	2	8.25	759427	20.0
unknown9.19	9.19	12.1	ng	348539	3	10.02	578241	20.0
Tetradecane	9.40	37.4	ng	1081160	3	10.02	578241	20.0
Nonadecane	9.72	27.1	ng	784863	3	10.02	578241	20.0
Pentadecane	9.93	30.1	ng	868819	3	10.02	578241	20.0
Eicosane	10.43	25.4	ng	735706	3	10.02	578241	20.0
Undecane, 3,6-dim...	10.65	14.1	ng	407932	3	10.02	578241	20.0
Heptadecane	10.90	31.5	ng	902650	4	11.51	573691	20.0
Octadecane	11.35	17.6	ng	505531	4	11.51	573691	20.0
Heptacosane	11.77	15.1	ng	432604	4	11.51	573691	20.0
Hexadecanoic acid...	11.89	220.8	ng	6332920	4	11.51	573691	20.0
Tridecane, 6-propyl-	12.19	15.9	ng	455574	4	11.51	573691	20.0
10,13-Octadecadie...	12.60	759.9	ng	21798100	4	11.51	573691	20.0
7,10,13-Hexadecat...	12.62	310.5	ng	8906200	4	11.51	573691	20.0
Methyl stearate	12.68	108.7	ng	3118780	4	11.51	573691	20.0
Heptadecanoic aci...	13.40	13.2	ng	390301	5	14.16	590787	20.0
Docosanoic acid, ...	14.07	12.7	ng	373855	5	14.16	590787	20.0
N,N-Dimethyloctyl...	15.05	14.4	ng	367057	6	15.69	510936	20.0