LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

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-BF101518.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	2.299	31	36	54	rVB	680779	961542	19.79%	1.843%
2	3.563	248	251	256	rBV	44527	71278	1.47%	0.137%
3	5.210	527	531	538	rVB	188885	226318	4.66%	0.434%
4	5.593	591	596	599	rBV	4987933	4848729	99.80%	9.293%
5	6.592	760	766	770	rBV	4765058	4858517	100.00%	9.312%
6	6.745	787	792	795	rBV	5169126	4857633	99.98%	9.310%
7	6.975	828	831	835	rVB	1783970	1418106	29.19%	2.718%
8	7.134	854	858	861	rVB	4656879	3876249	79.78%	7.429%
9	7.539	922	927	930	rBV	3076595	3054301	62.86%	5.854%
10	8.257	1045	1049	1052	rBV	2084334	1663591	34.24%	3.189%
11	9.333	1227	1232	1235	rBV	5486680	4715335	97.05%	9.038%
12	9.722	1295	1298	1301	rBV	645515	461544	9.50%	0.885%
13	10.016	1344	1348	1351	rBV	1844226	1460372	30.06%	2.799%
14	10.422	1413	1417	1422	rVB5	38057	64952	1.34%	0.124%
15	10.804	1478	1482	1485	rBV	2597284	2220737	45.71%	4.256%
16	10.922	1497	1502	1510	rVB4	57212	91022	1.87%	0.174%
17	11.504	1598	1601	1604	rBV	1640801	1424898	29.33%	2.731%
18	11.527	1604	1605	1609	rVV	351635	212936	4.38%	0.408%
19	11.580	1611	1614	1616	rVV	73129	54598	1.12%	0.105%
20	12.022	1684	1689	1694	rBV2	569562	691876	14.24%	1.326%
21	12.121	1702	1706	1708	rBV2	100432	116710	2.40%	0.224%
22	12.321	1738	1740	1748	rVB5	49016	54711	1.13%	0.105%
23	12.580	1782	1784	1788	rBV3	55752	69287	1.43%	0.133%
24	12.639	1792	1794	1798	rBV	59410	62136	1.28%	0.119%
25	12.721	1804	1808	1811	rBV	907381	819815	16.87%	1.571%
26	12.804	1819	1822	1831	rBV2	346052	385126	7.93%	0.738%
27	12.951	1844	1847	1850	rVB	884999	698354	14.37%	1.338%
28	13.092	1867	1871	1874	rBV	4591324	4056066	83.48%	7.774%
29	13.163	1879	1883	1887	rBV2	68875	127192	2.62%	0.244%
30	13.274	1900	1902	1906	rVB2	132490	110911	2.28%	0.213%
31	13.310	1906	1908	1911	rBV2	73473	67420	1.39%	0.129%
32	13.339	1911	1913	1916	rVB	68620	62008	1.28%	0.119%
33	13.380	1917	1920	1923	rBV2	86490	86737	1.79%	0.166%
34	13.651	1964	1966	1968	rBV	109176	82679	1.70%	0.158%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.974	2018	2021	2033	rVB4	475285	647299	13.32%	1.241%
36	14.145	2046	2050	2053	rBV2	1805903	1987509	40.91%	3.809%
37	14.174	2053	2055	2060	rVB	394350	345981	7.12%	0.663%
38	14.298	2073	2076	2079	rBV	238518	245035	5.04%	0.470%
39	14.604	2125	2128	2134	rBV	408437	416572	8.57%	0.798%
40	14.921	2179	2182	2186	rBV	405327	469822	9.67%	0.900%
41	15.215	2229	2232	2235	rBV	309261	435475	8.96%	0.835%
42	15.280	2240	2243	2247	rBV	585375	694287	14.29%	1.331%
43	15.604	2295	2298	2305	rVV	209038	291098	5.99%	0.558%
44	15.674	2305	2310	2320	rVB2	1086239	1972291	40.59%	3.780%
45	16.151	2388	2391	2396	rVB	445213	635577	13.08%	1.218%

Sum of corrected areas: 52174632

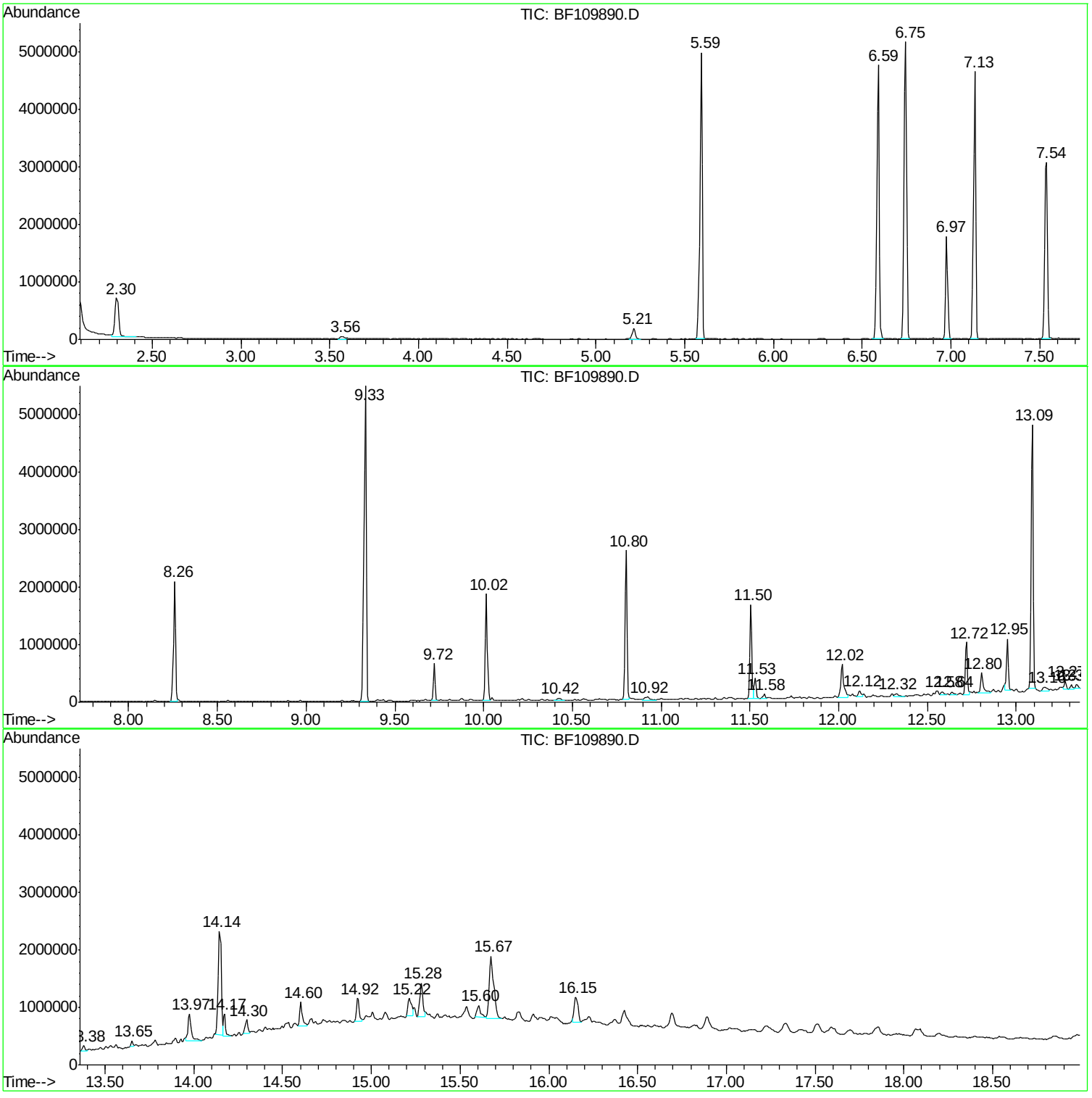
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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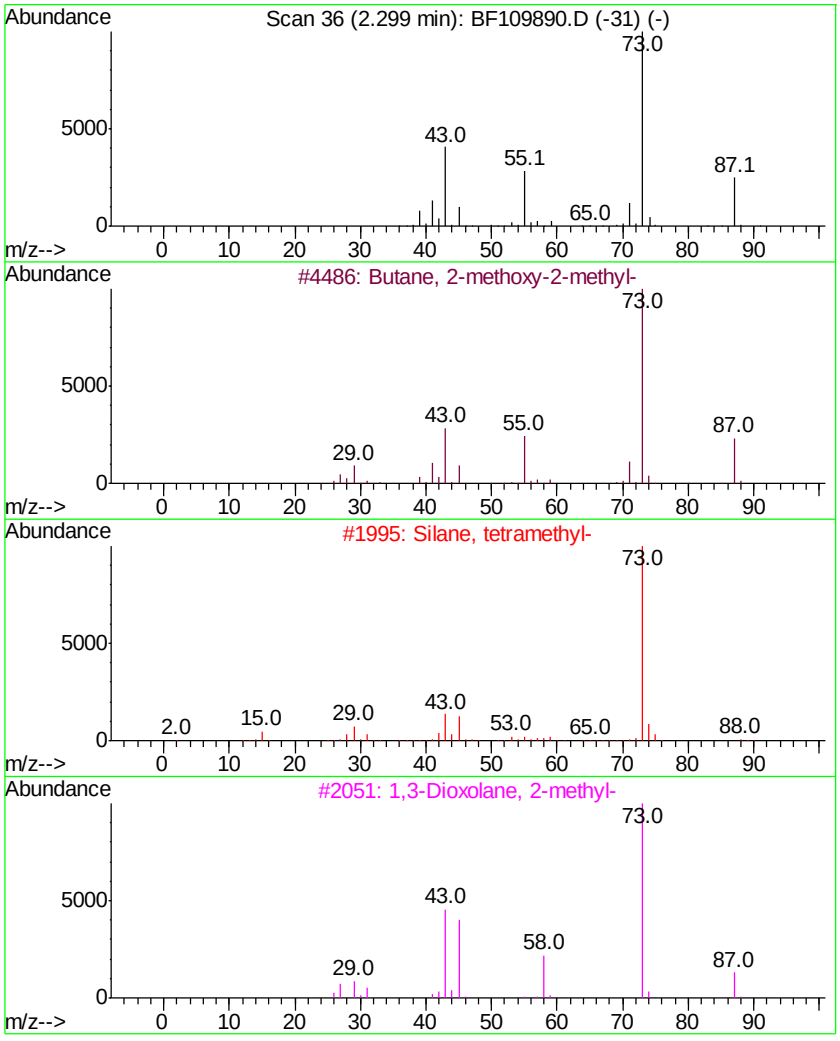
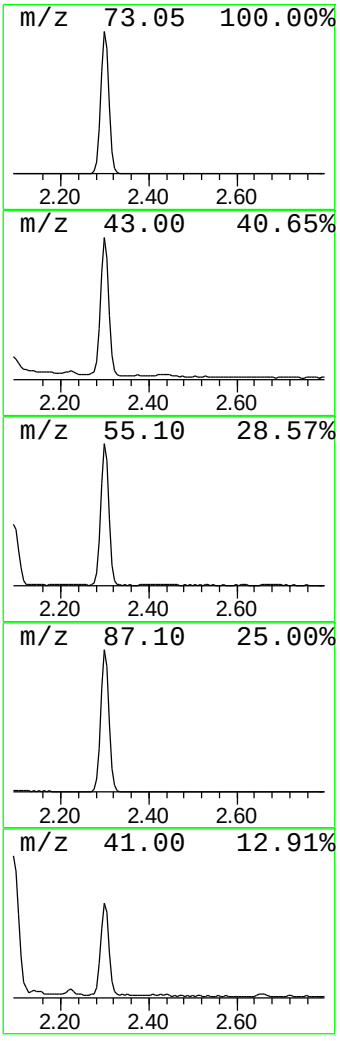
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	13.56 ng	961542	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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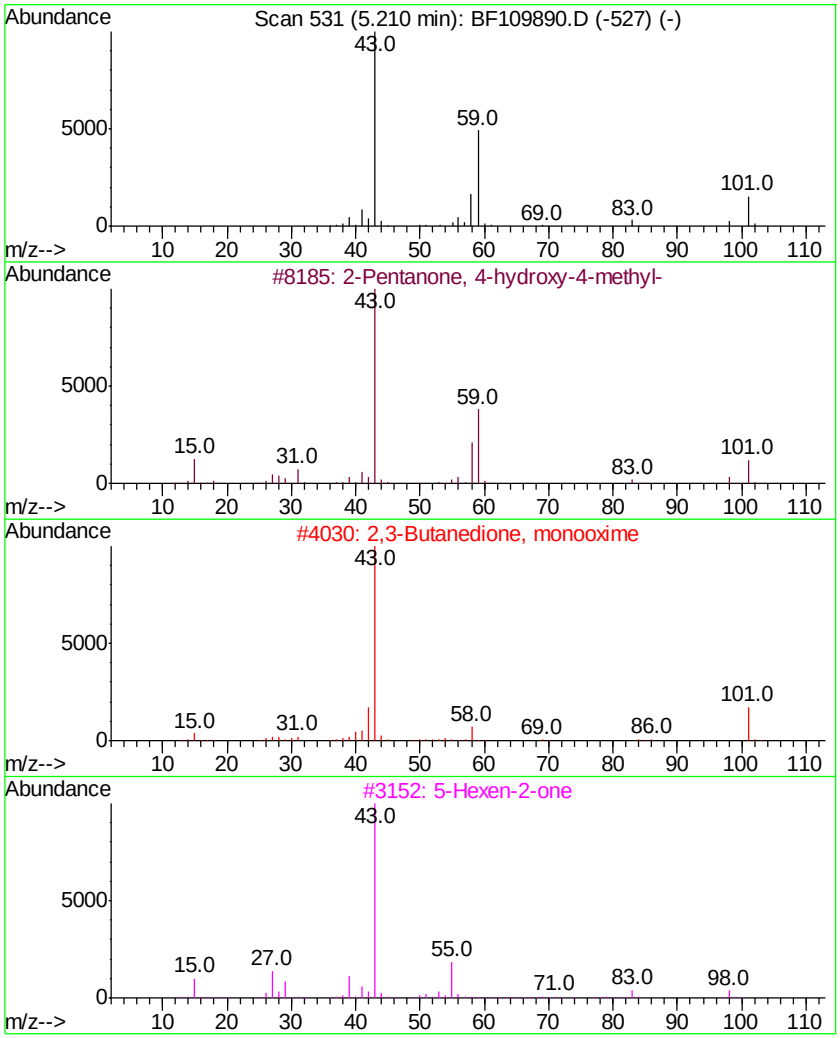
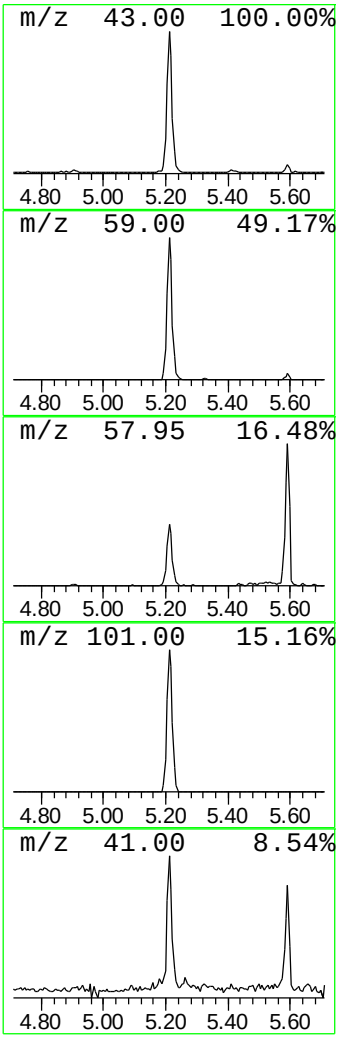
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	3.19 ng	226318	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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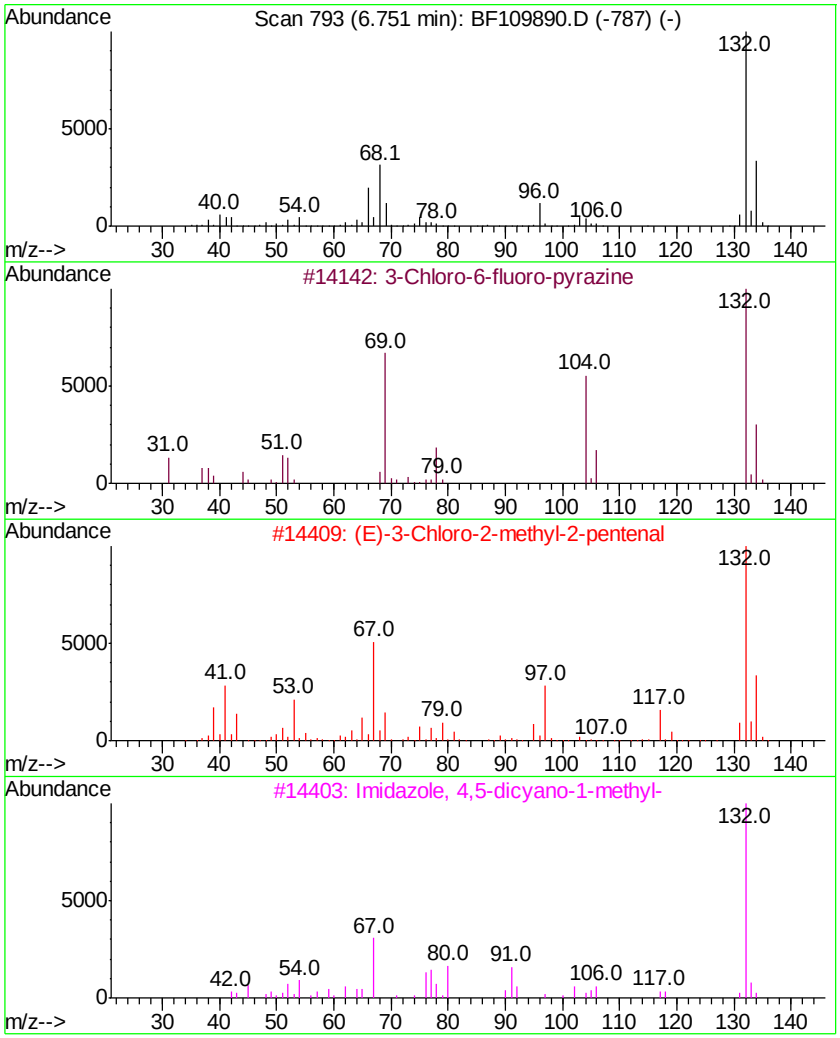
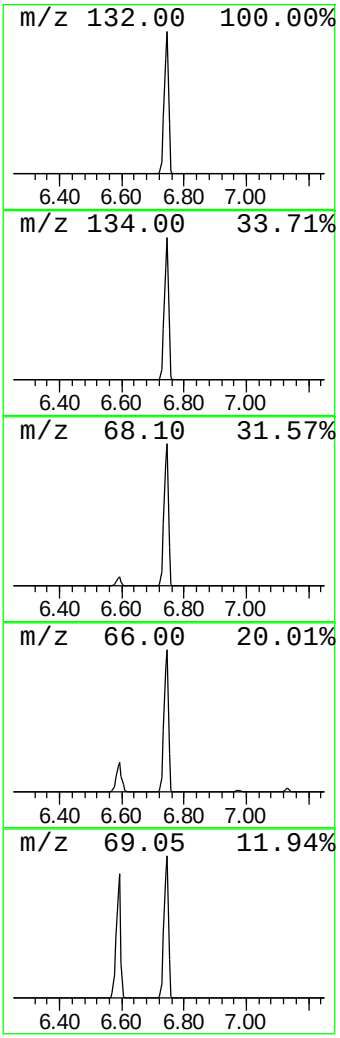
Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	68.51 ng	4857630	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	12
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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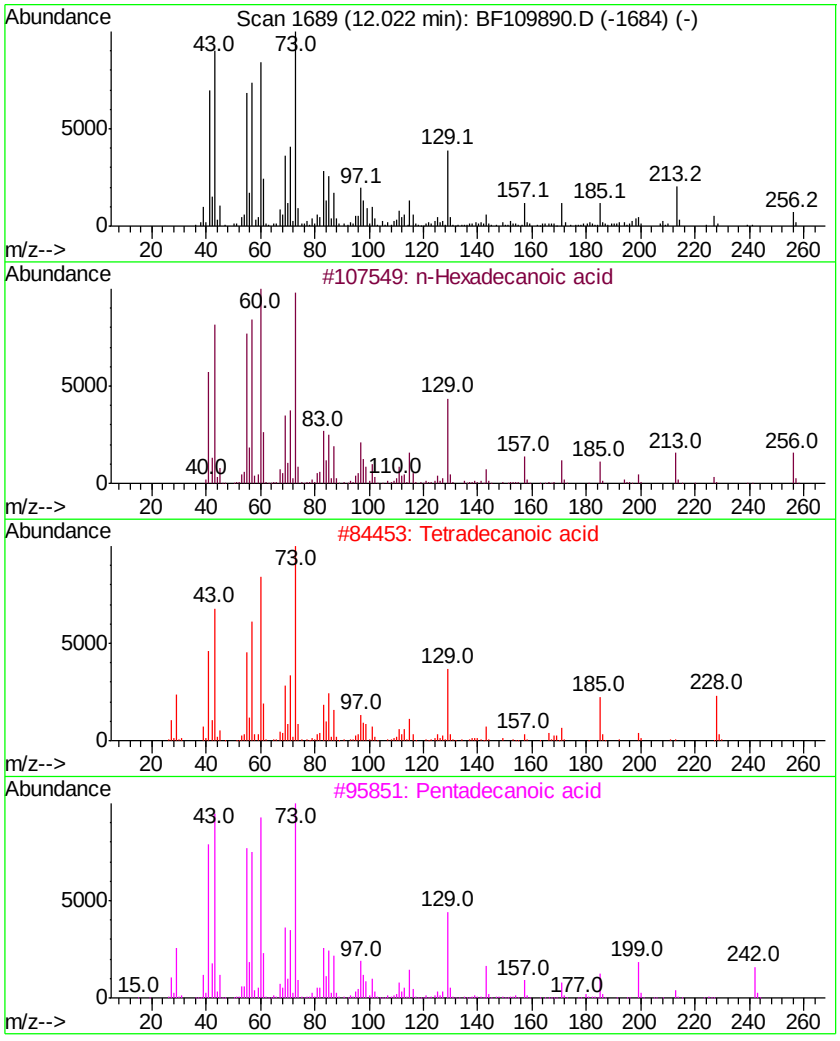
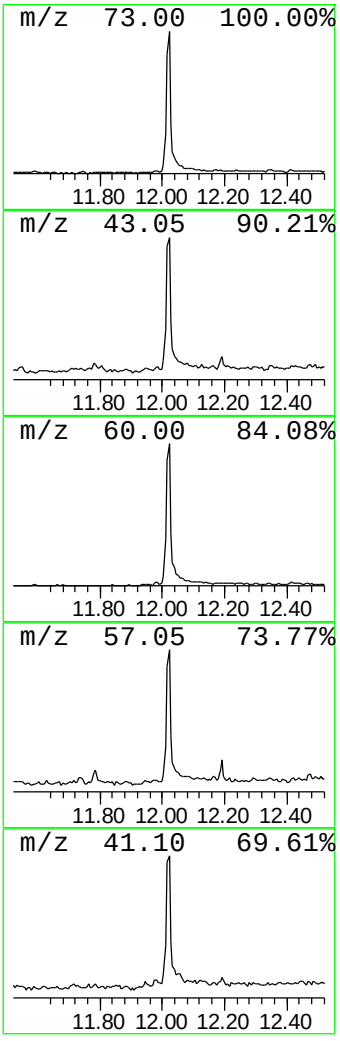
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.71 ng	691876	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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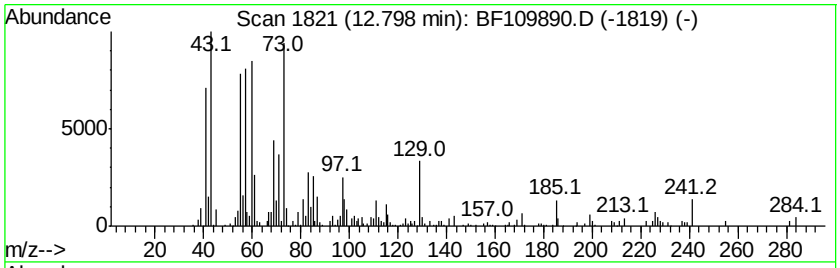
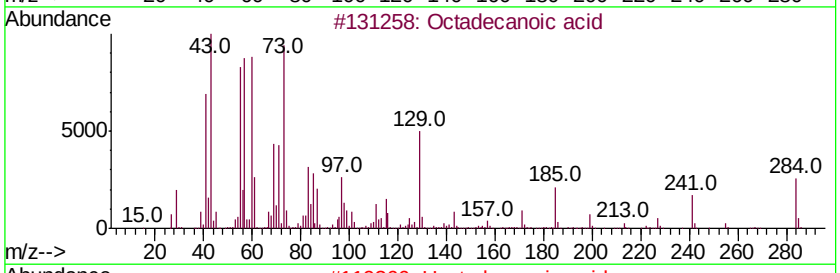
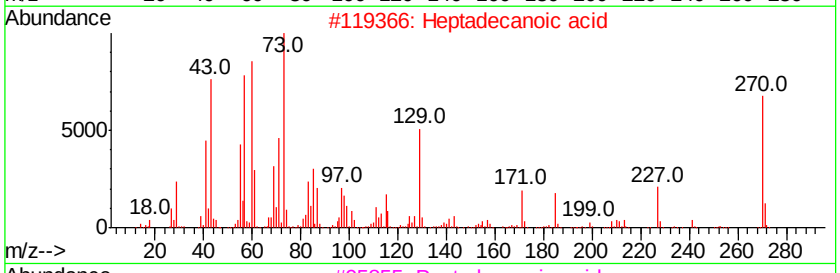
Peak Number 6 Octadecanoic acid Concentration Rank 7

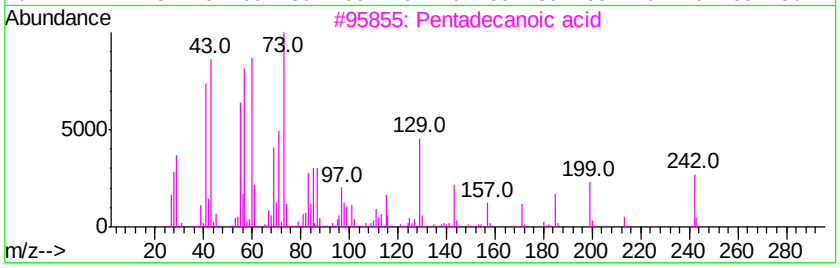
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.41 ng	385126	Phenanthrene-d10	11.50

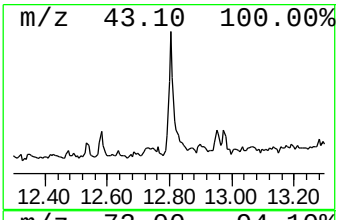
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87

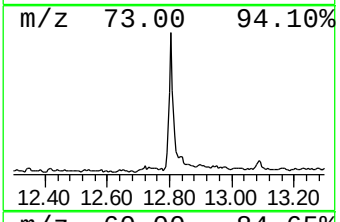


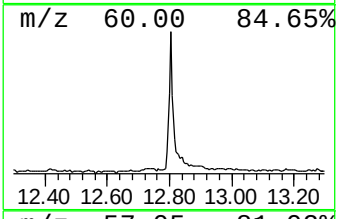


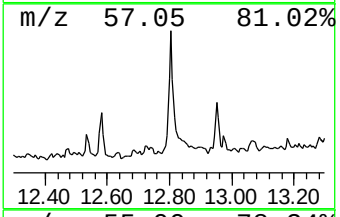


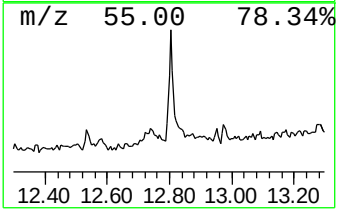












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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

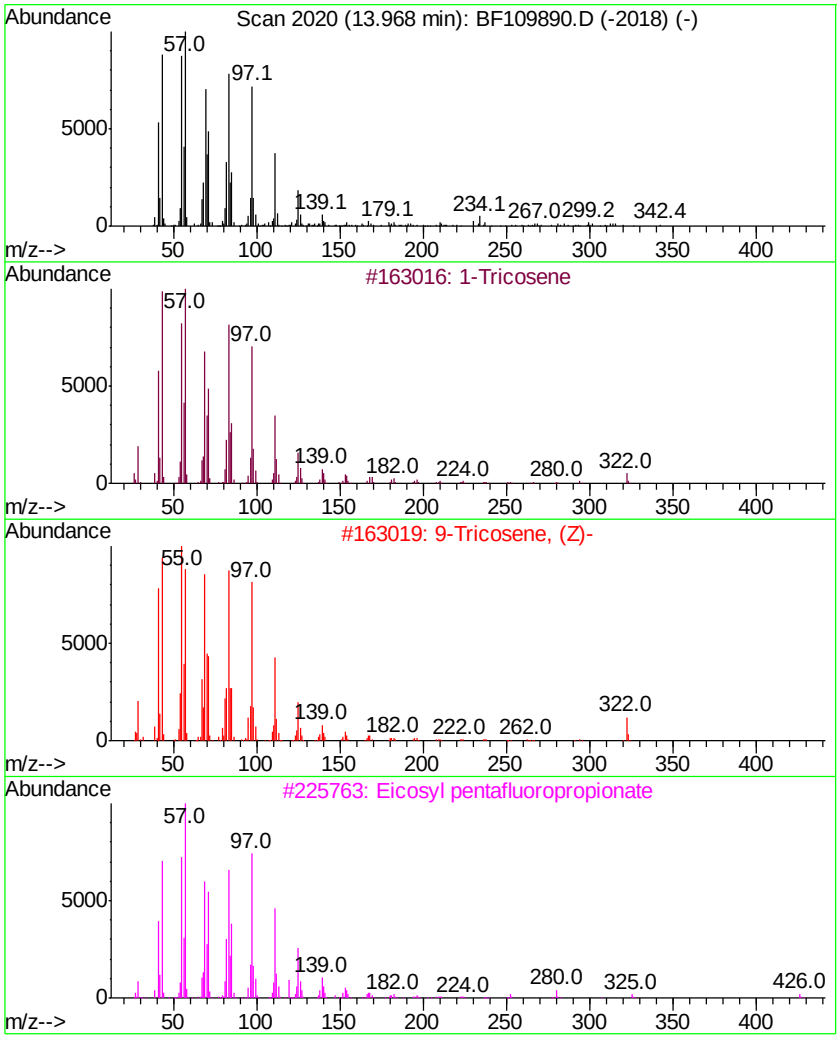
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

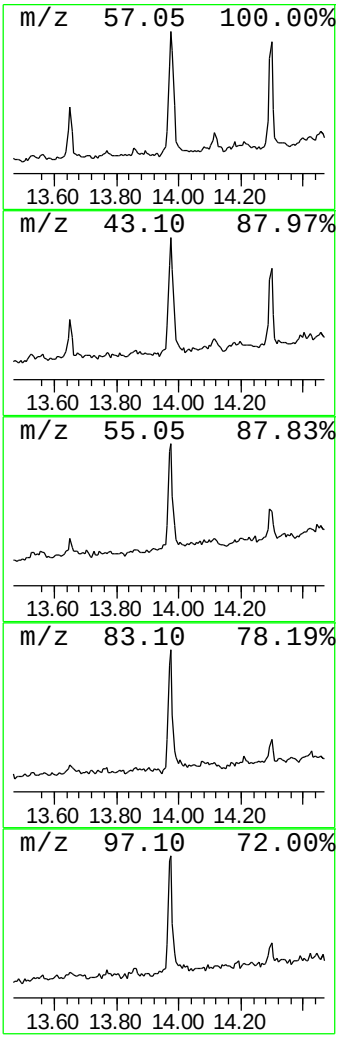
****

Peak Number 7 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.51 ng	647299	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
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Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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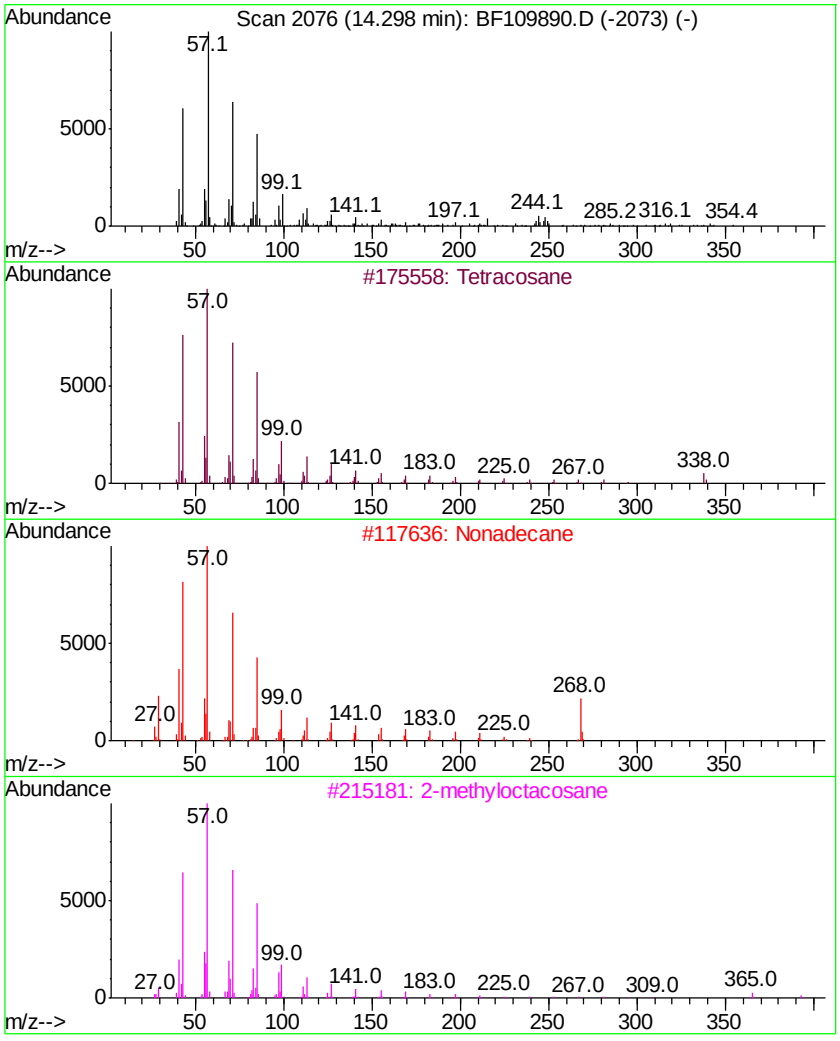
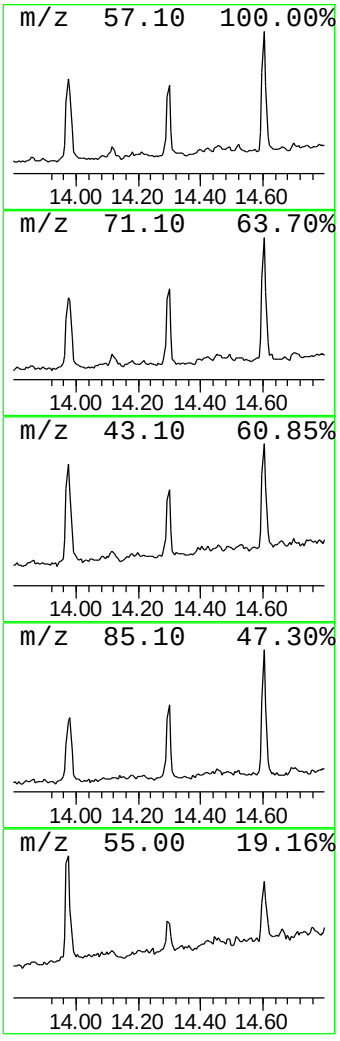
Peak Number 8 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.47 ng	245035	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Nonadecane	268	C19H40	000629-92-5	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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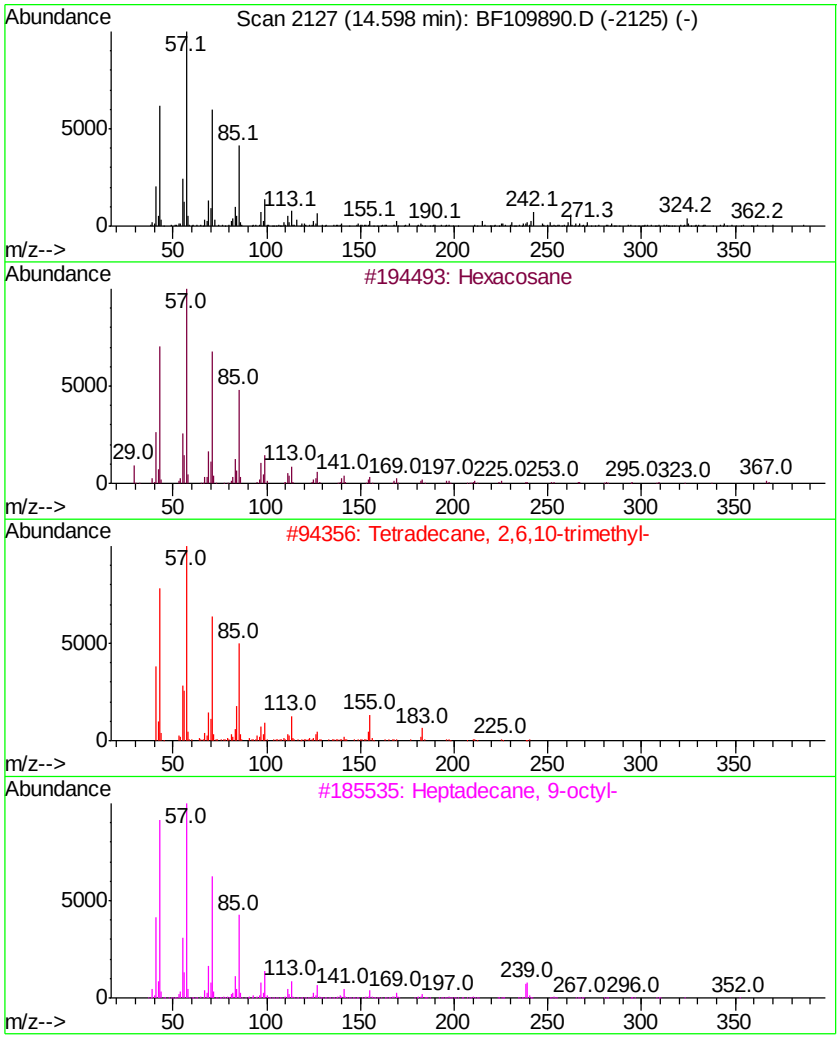
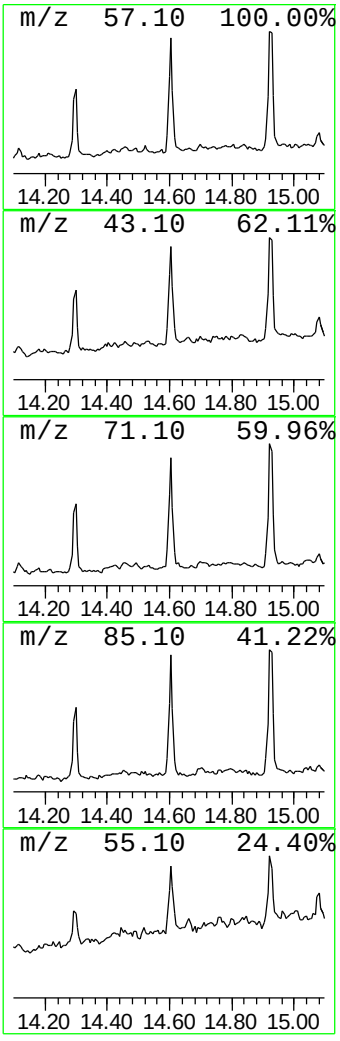
Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.19 ng	416572	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Pentacosane	352	C25H52	000629-99-2	86





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Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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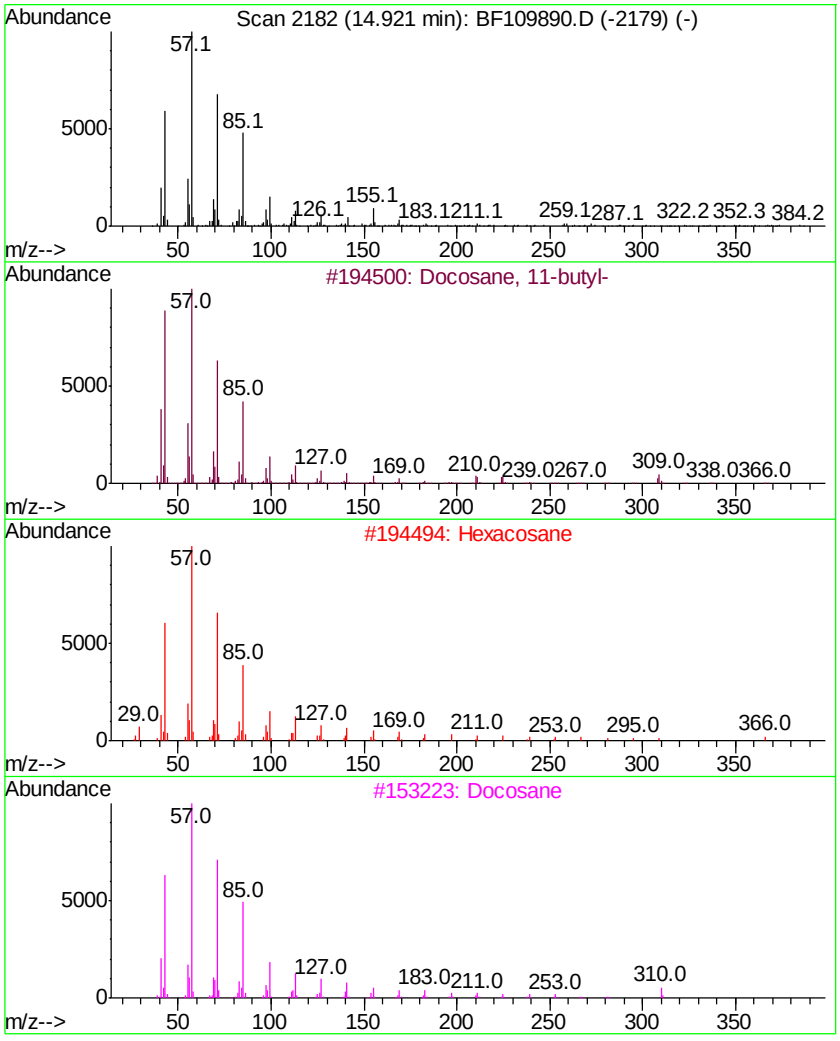
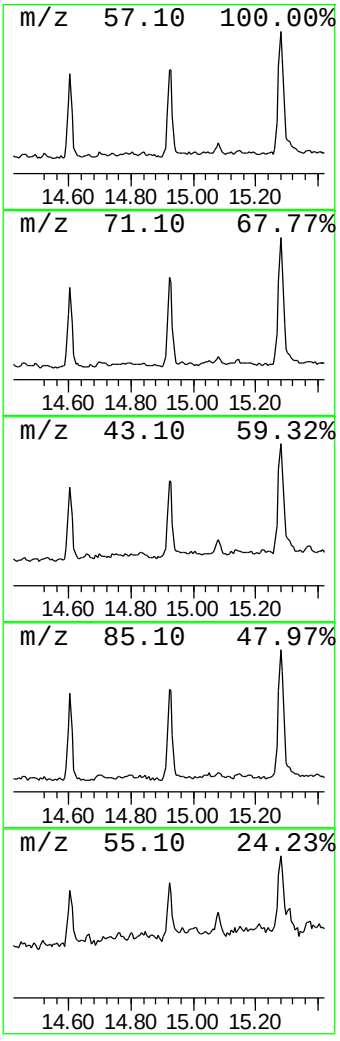
Peak Number 10 Docosane, 11-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.76 ng	469822	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Hexacosane	366	C26H54	000630-01-3	92
3	Docosane	310	C22H46	000629-97-0	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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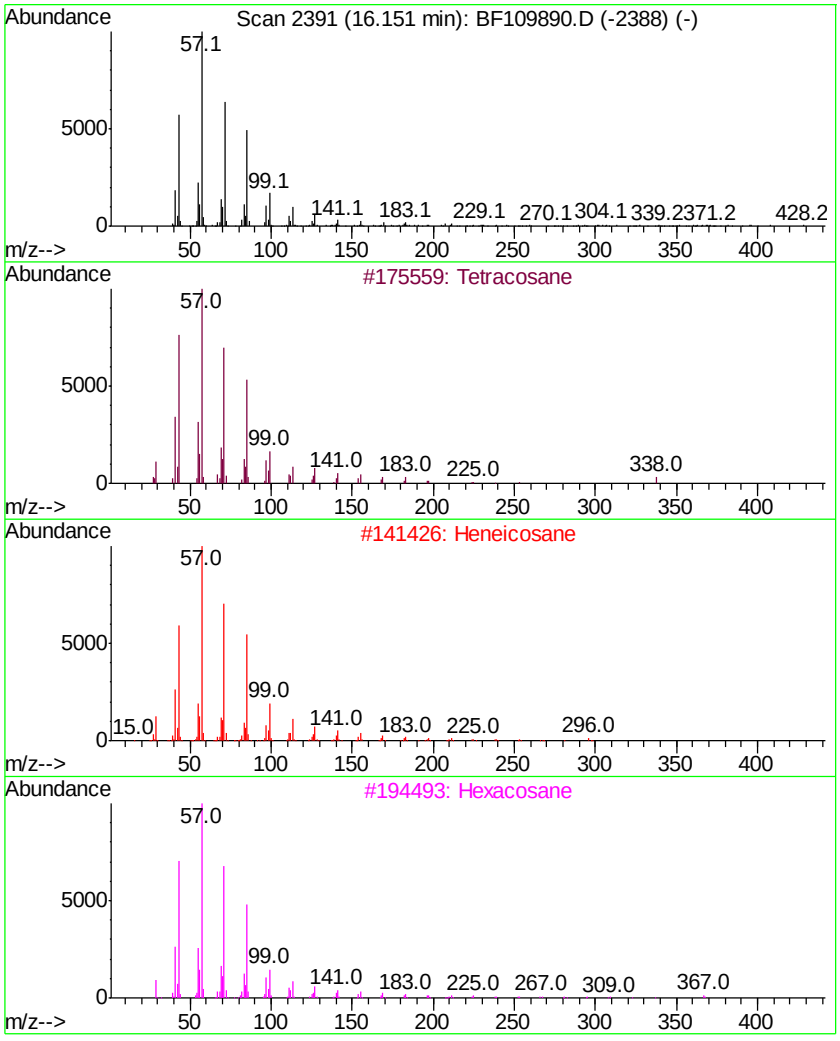
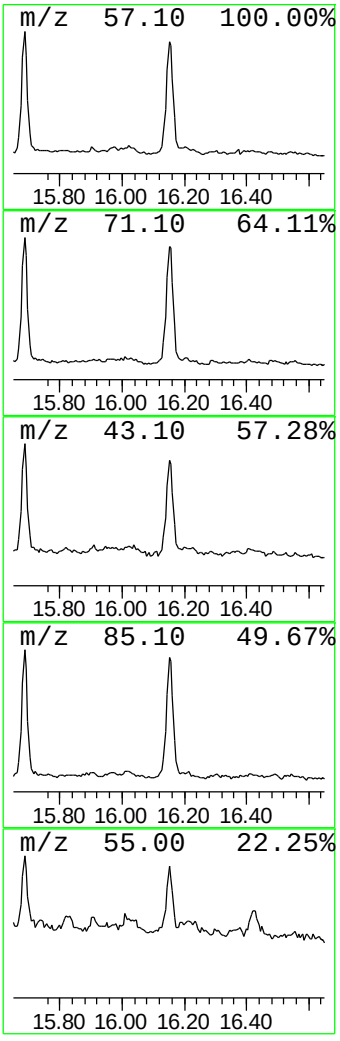
Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	6.45 ng	635577	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101518\
Data File : BF109890.D
Acq On : 15 Oct 2018 20:20
Operator : JU/SJ
Sample : J5193-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-01-101118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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
Butane, 2-methoxy...	2.30	13.6	ng	961542	1	6.97	1418110	20.0
2-Pentanone, 4-hy...	5.21	3.2	ng	226318	1	6.97	1418110	20.0
unknown6.75	6.75	68.5	ng	4857630	1	6.97	1418110	20.0
n-Hexadecanoic acid	12.02	9.7	ng	691876	4	11.50	1424900	20.0
Octadecanoic acid	12.80	5.4	ng	385126	4	11.50	1424900	20.0
1-Tricosene	13.97	6.5	ng	647299	5	14.14	1987510	20.0
Tetracosane	14.30	2.5	ng	245035	5	14.14	1987510	20.0
Hexacosane	14.60	4.2	ng	416572	5	14.14	1987510	20.0
Docosane, 11-butyl-	14.92	4.8	ng	469822	6	15.67	1972290	20.0
Heneicosane	16.15	6.5	ng	635577	6	15.67	1972290	20.0