LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

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-BF121918.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	2.210	17	21	25	rVB	45956	56617	1.50%	0.140%
2	3.404	221	224	237	rBV	71484	151460	4.01%	0.375%
3	5.116	508	515	522	rBV	150828	190760	5.04%	0.473%
4	5.516	577	583	586	rBV	3313257	3377741	89.33%	8.371%
5	6.516	747	753	757	rBV	3825404	3781327	100.00%	9.371%
6	6.663	773	778	781	rBV	4034047	3552907	93.96%	8.805%
7	6.892	814	817	821	rVB	1499256	1169663	30.93%	2.899%
8	7.051	840	844	847	rVB	3390262	2683314	70.96%	6.650%
9	7.451	907	912	915	rBV	2380770	2218832	58.68%	5.499%
10	8.175	1031	1035	1038	rBV	1855854	1499522	39.66%	3.716%
11	9.251	1213	1218	1221	rBV	4230249	3743915	99.01%	9.278%
12	9.639	1280	1284	1287	rBV	362489	290638	7.69%	0.720%
13	9.928	1329	1333	1337	rBV	2040683	1688642	44.66%	4.185%
14	10.710	1462	1466	1469	rBV	3145854	2631034	69.58%	6.520%
15	11.410	1581	1585	1587	rBV	2073615	1703850	45.06%	4.222%
16	11.433	1587	1589	1592	rVV	261272	196970	5.21%	0.488%
17	11.480	1592	1597	1600	rVV	48395	49050	1.30%	0.122%
18	11.933	1671	1674	1678	rVB	218358	198556	5.25%	0.492%
19	12.021	1685	1689	1691	rBV	61031	59629	1.58%	0.148%
20	12.457	1759	1763	1766	rBV2	54119	57717	1.53%	0.143%
21	12.504	1766	1771	1775	rVV4	35460	52465	1.39%	0.130%
22	12.616	1787	1790	1793	rBV	402338	340072	8.99%	0.843%
23	12.716	1804	1807	1810	rBV	58509	65850	1.74%	0.163%
24	12.821	1822	1825	1826	rBV	90563	83355	2.20%	0.207%
25	12.845	1826	1829	1832	rVB	363978	321677	8.51%	0.797%
26	12.992	1850	1854	1857	rBV	4182328	3510106	92.83%	8.699%
27	13.233	1892	1895	1899	rBV2	40158	42671	1.13%	0.106%
28	13.527	1941	1945	1948	rBV2	46964	45052	1.19%	0.112%
29	13.574	1950	1953	1955	rBV	51282	47000	1.24%	0.116%
30	13.674	1966	1970	1976	rVB	29621	42133	1.11%	0.104%
31	13.792	1985	1990	1992	rBV2	35868	47973	1.27%	0.119%
32	13.886	2003	2006	2013	rVB3	173521	229965	6.08%	0.570%
33	14.039	2027	2032	2035	rBV	1659043	1634003	43.21%	4.049%
34	14.063	2035	2036	2042	rVB	167819	132632	3.51%	0.329%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.215	2059	2062	2065	rVB2	139452	120731	3.19%	0.299%
36	14.427	2093	2098	2101	rVB	35967	44865	1.19%	0.111%
37	14.521	2111	2114	2117	rBV	276960	226531	5.99%	0.561%
38	14.833	2163	2167	2174	rVB	252317	291992	7.72%	0.724%
39	14.910	2177	2180	2184	rVB2	77348	82542	2.18%	0.205%
40	15.080	2205	2209	2217	rVB	158926	315200	8.34%	0.781%
41	15.174	2220	2225	2233	rBV2	301725	407427	10.77%	1.010%
42	15.386	2257	2261	2265	rVB	84297	106943	2.83%	0.265%
43	15.445	2267	2271	2276	rVV	138332	164724	4.36%	0.408%
44	15.509	2277	2282	2286	rVV	1089130	1413081	37.37%	3.502%
45	15.562	2286	2291	2304	rVB2	280258	441220	11.67%	1.093%
46	16.009	2361	2367	2371	rBV	207953	323975	8.57%	0.803%
47	16.527	2450	2455	2460	rVB2	101045	170054	4.50%	0.421%
48	16.815	2500	2504	2510	rVB7	34930	69143	1.83%	0.171%
49	16.980	2527	2532	2540	rVB3	55935	114901	3.04%	0.285%
50	17.133	2554	2558	2566	rVB3	45757	97511	2.58%	0.242%
51	17.415	2602	2606	2613	rVB2	38869	64198	1.70%	0.159%

Sum of corrected areas: 40352136

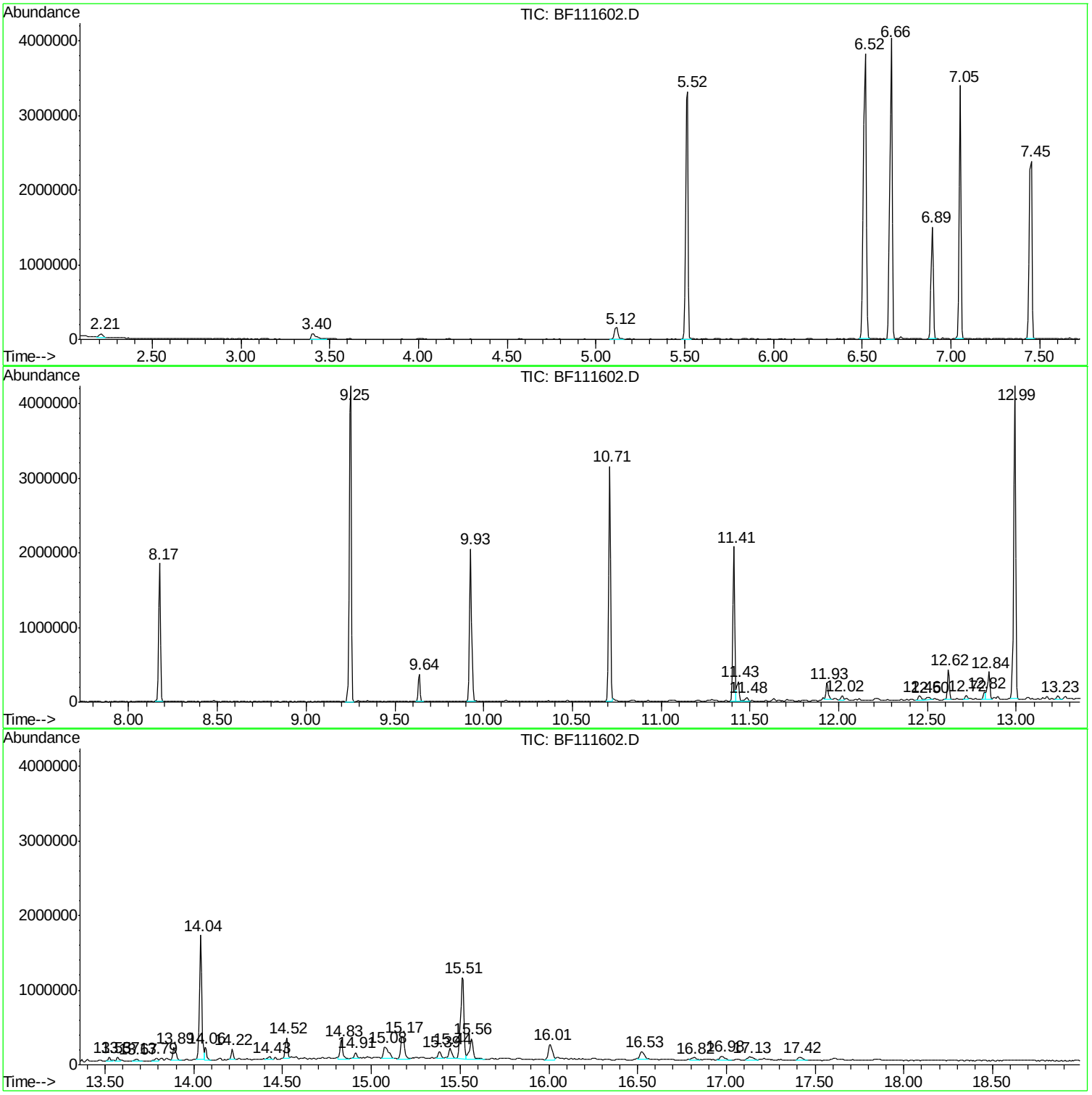
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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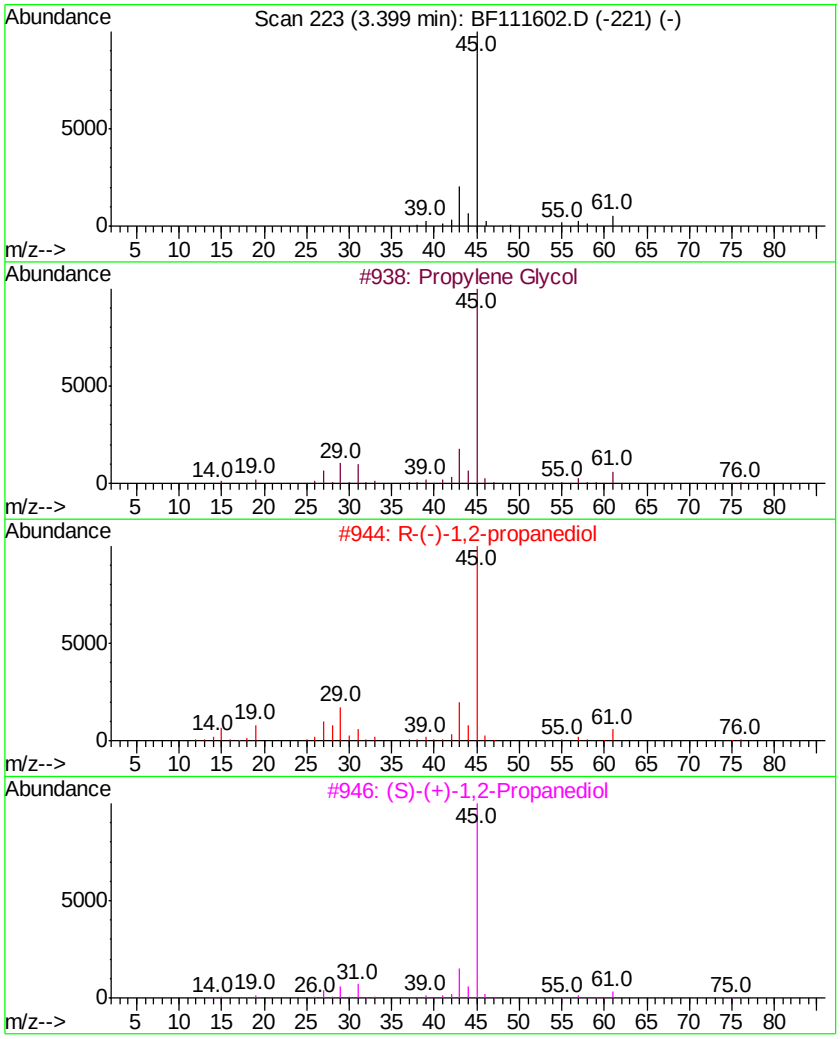
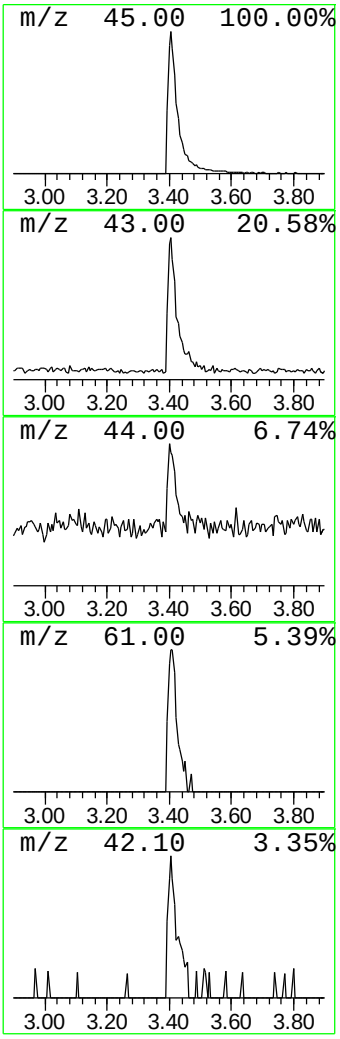
Peak Number 1 unknown3.40 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	2.59 ng	151460	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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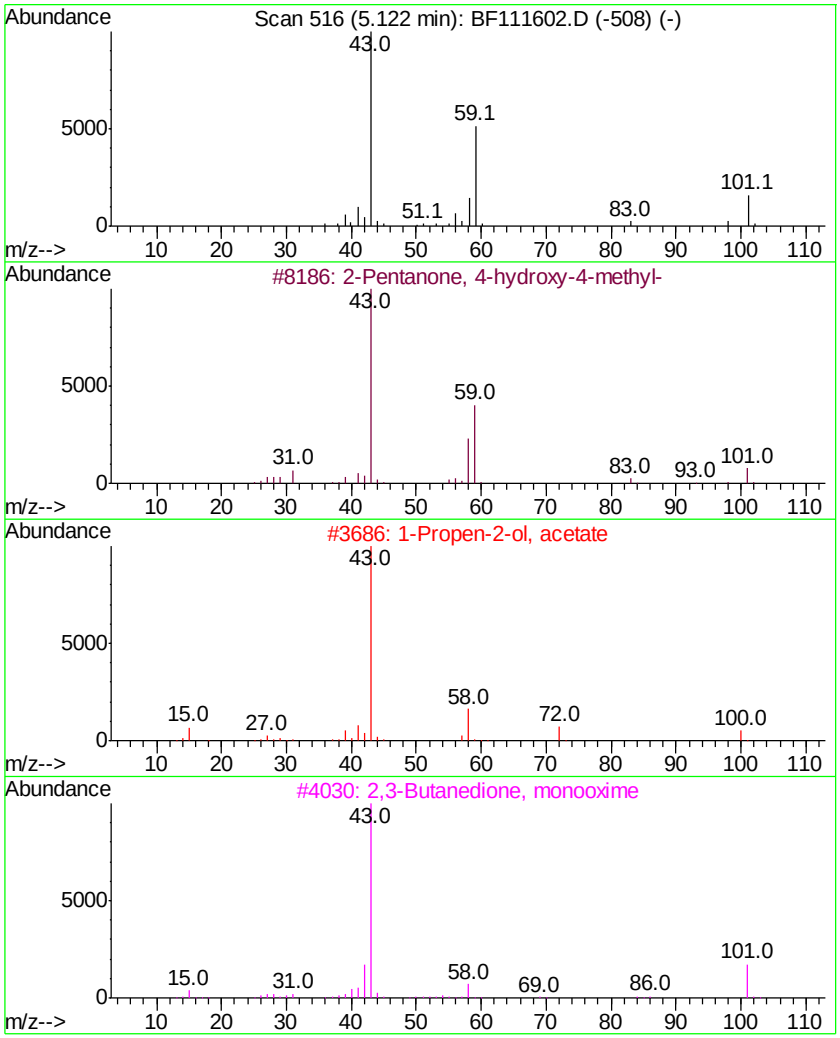
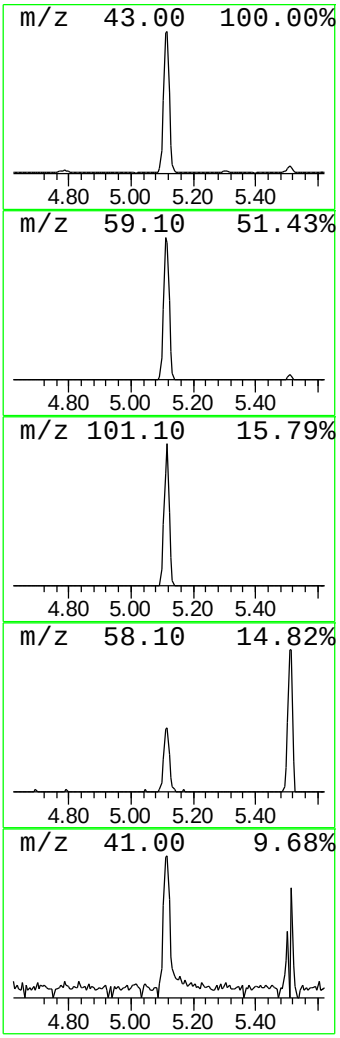
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.26 ng	190760	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	Butane	58	C4H10	000106-97-8	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

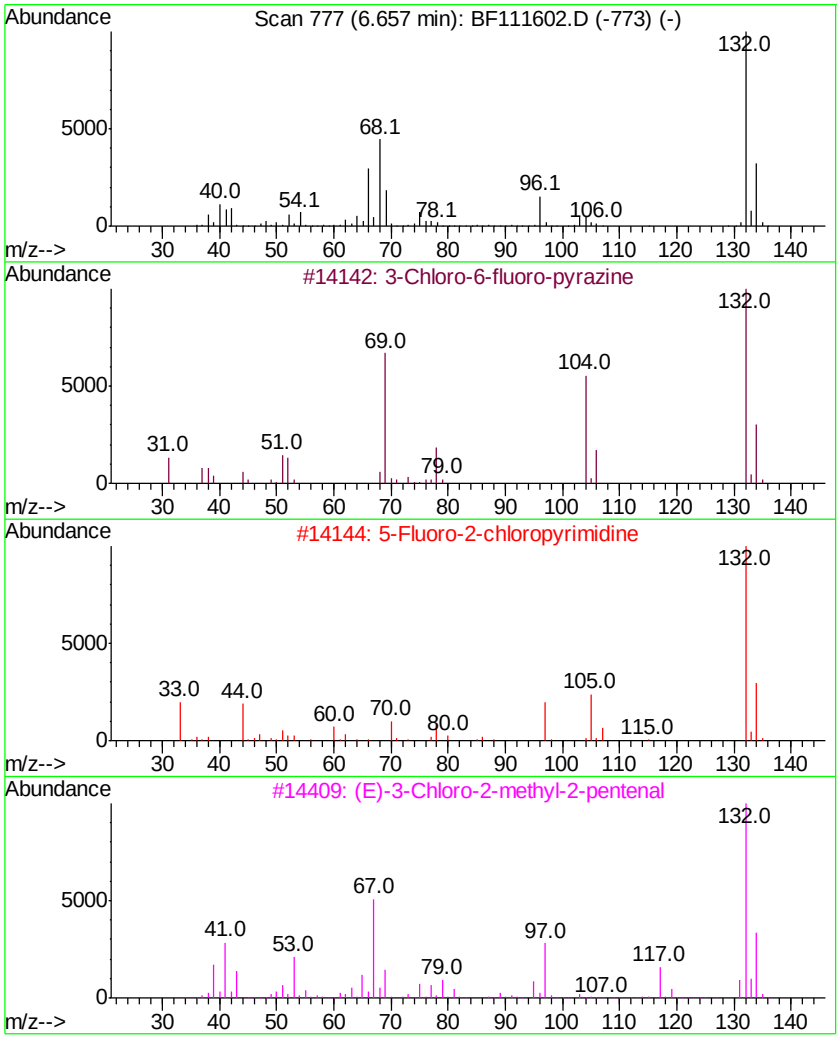
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

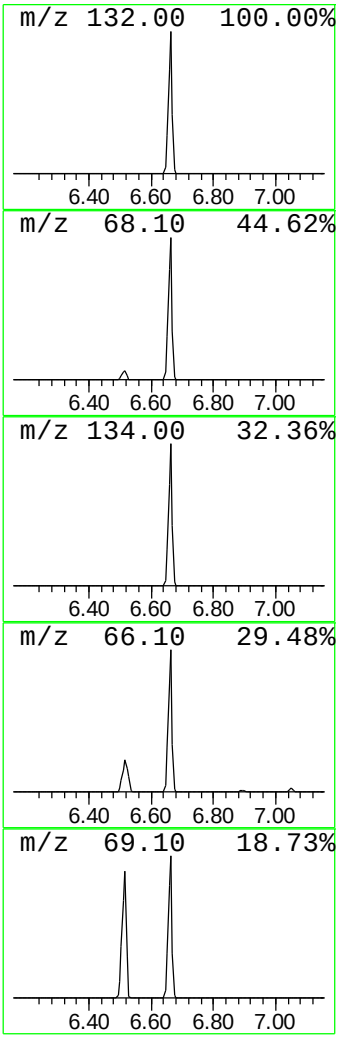
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	60.75 ng	3552910	1,4-Dichlorobenzene-d4	6.89

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	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

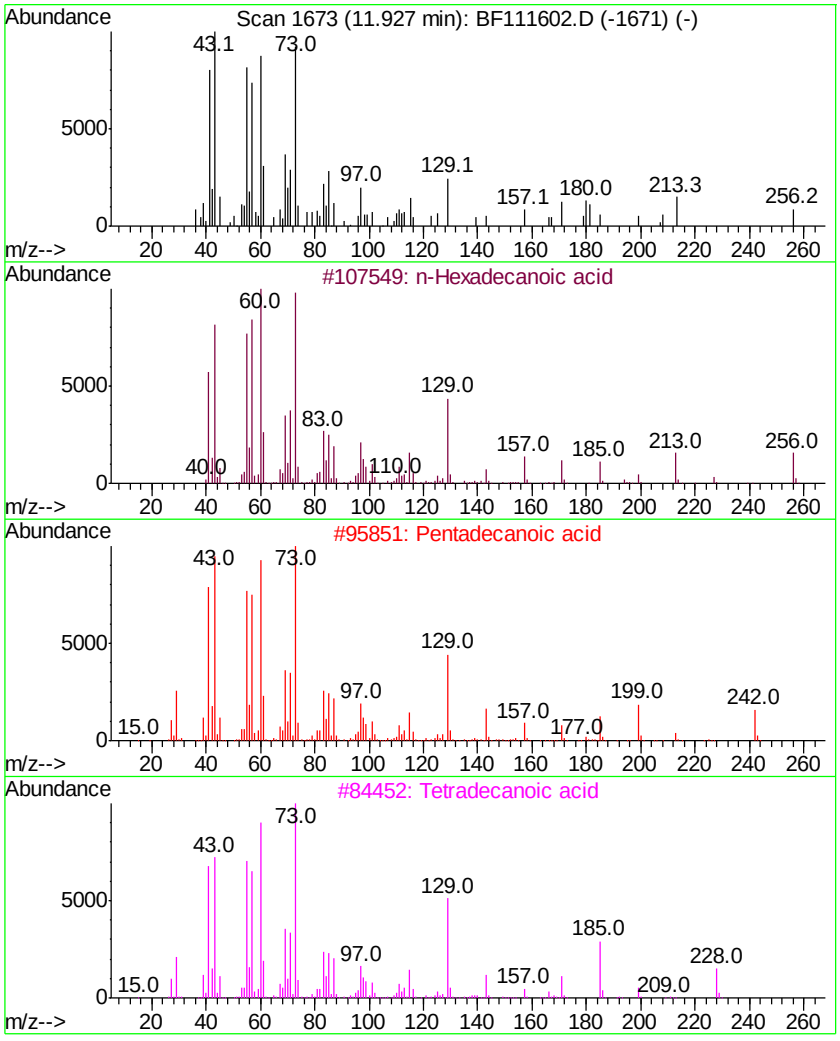
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

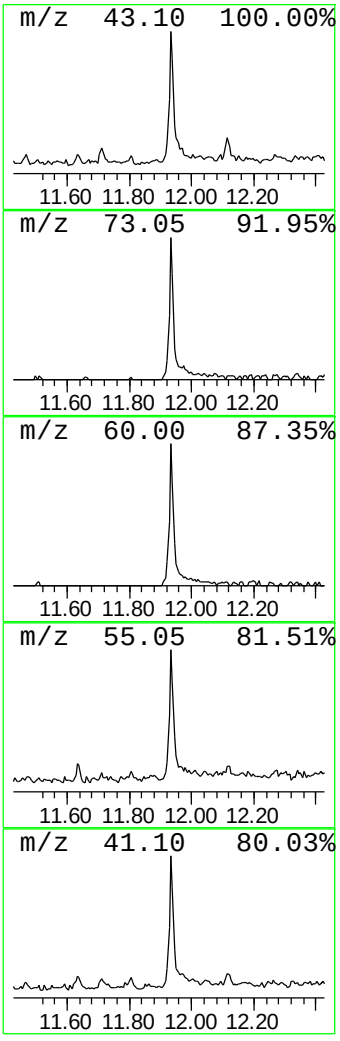
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.33 ng	198556	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

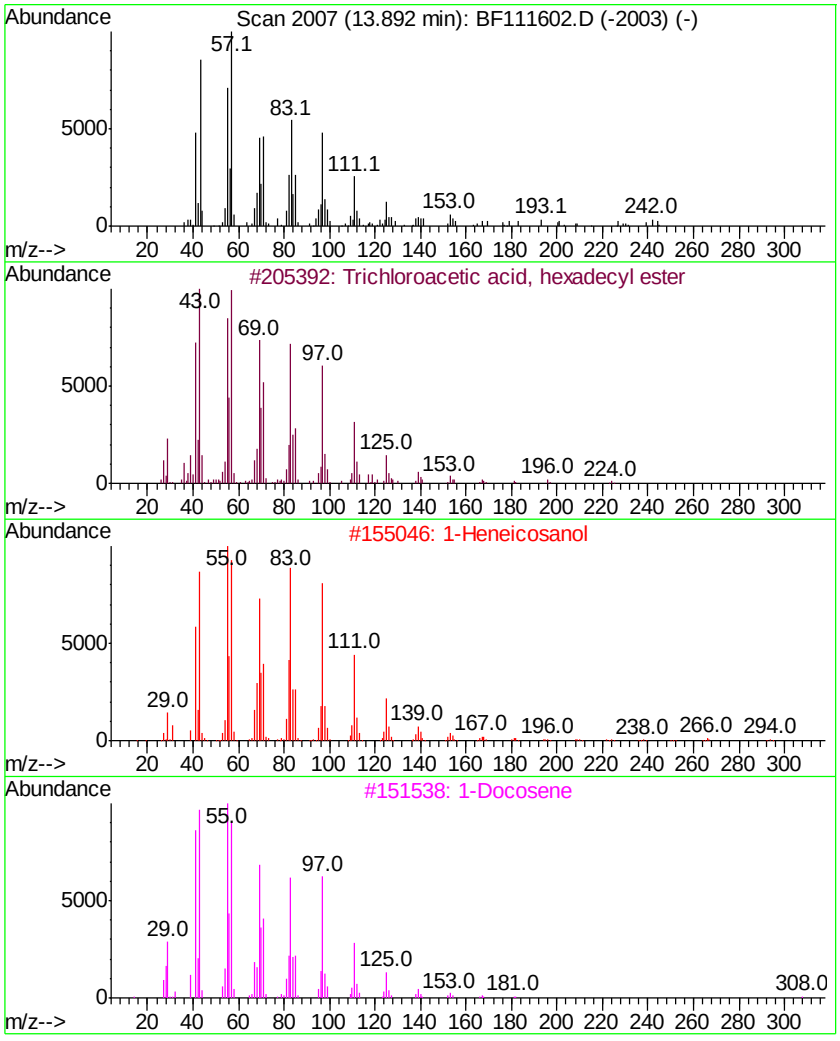
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

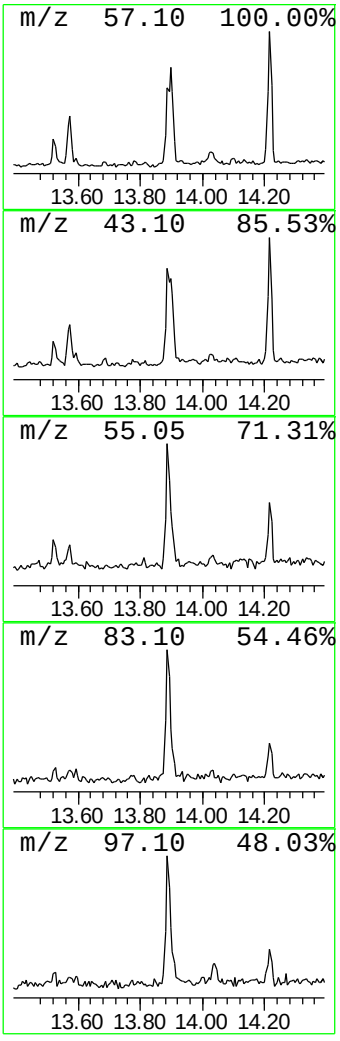
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.81 ng	229965	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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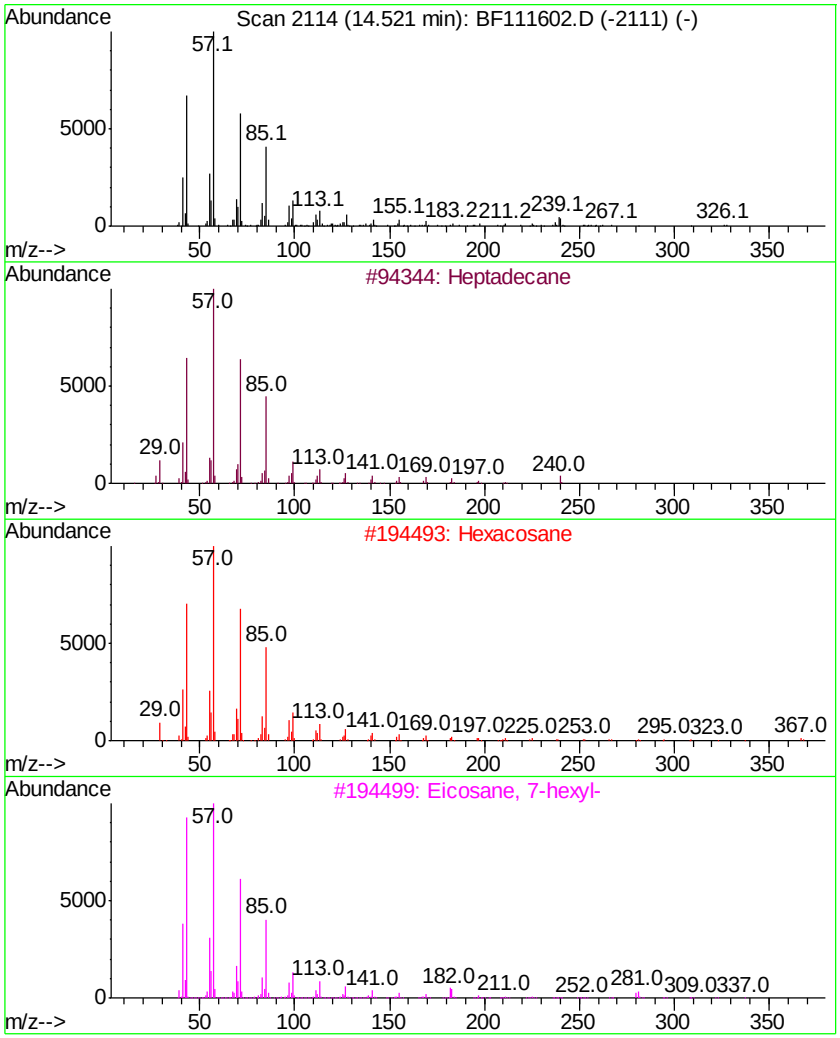
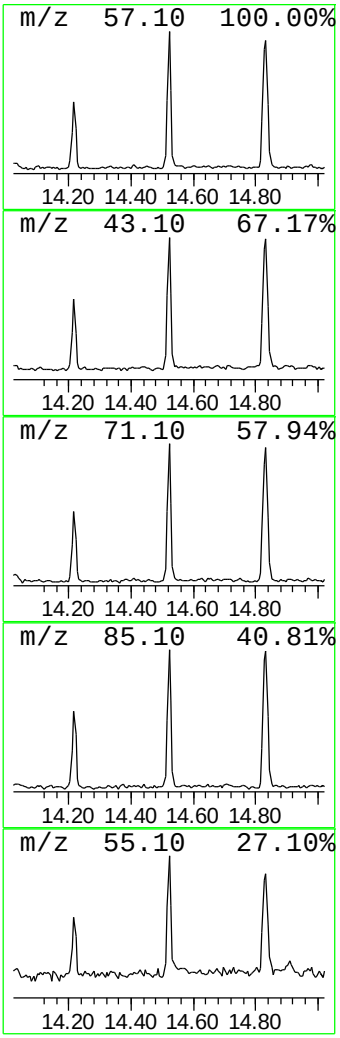
Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.77 ng	226531	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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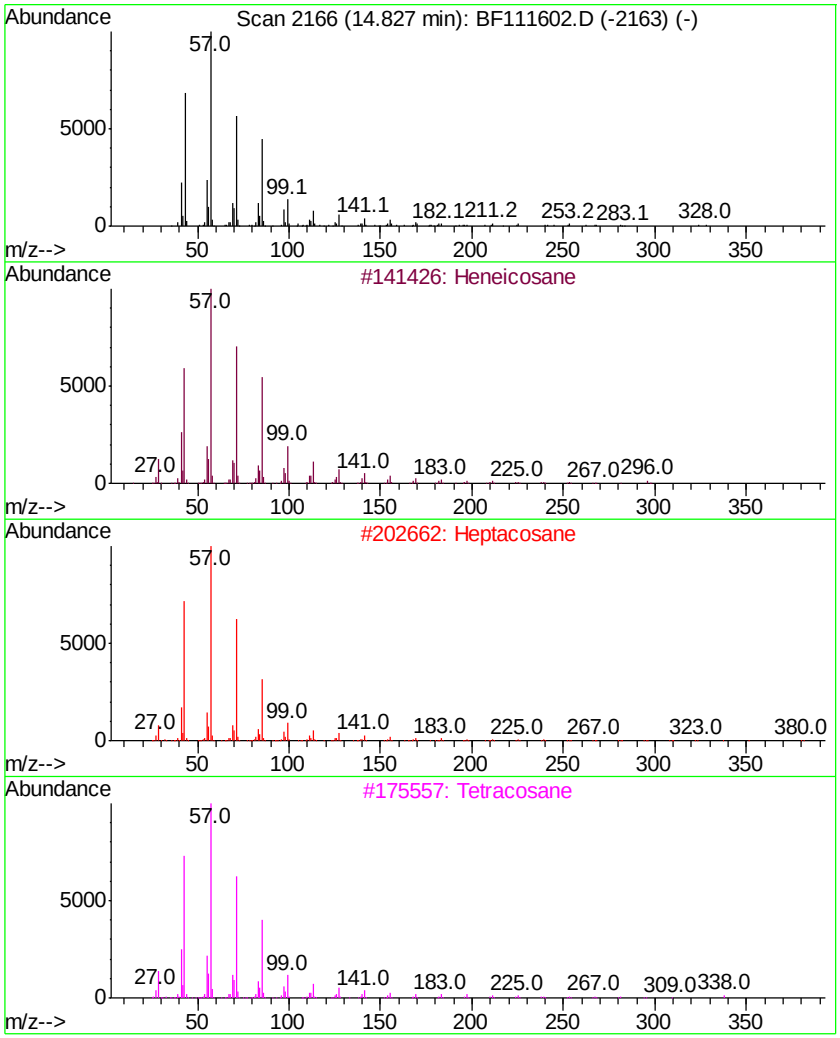
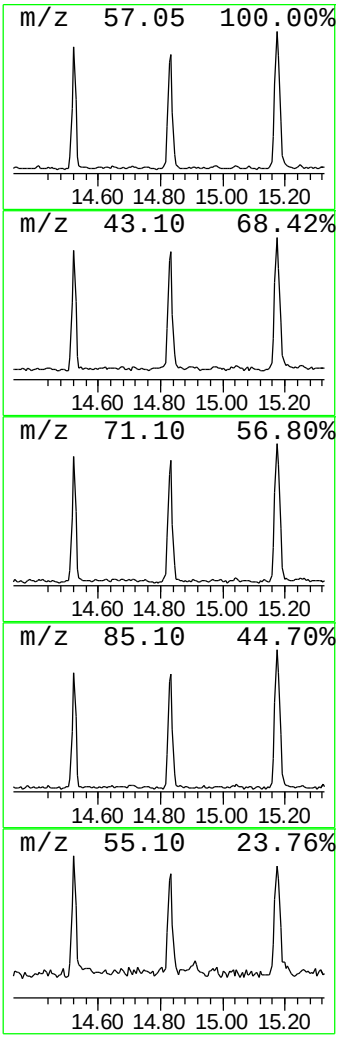
Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.13 ng	291992	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexatriacontane	507	C36H74	000630-06-8	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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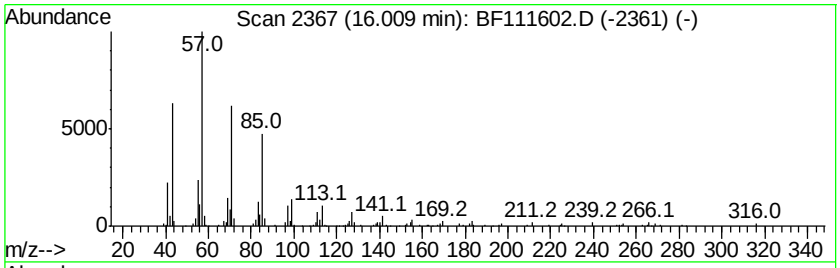
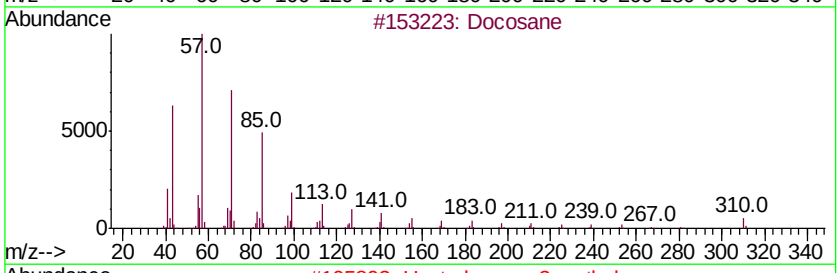
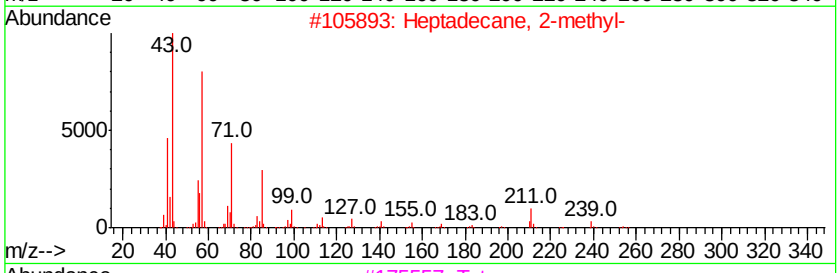
Peak Number 10 Docosane Concentration Rank 4

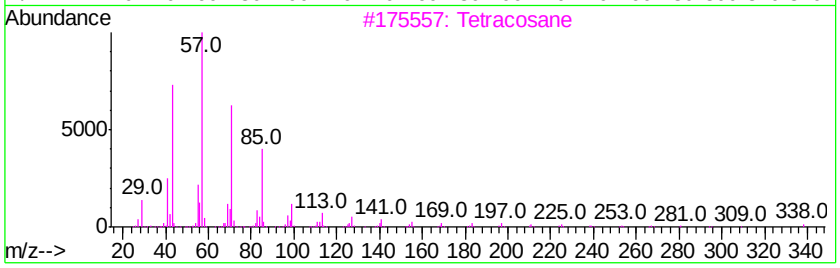
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	4.59 ng	323975	Perylene-d12	15.52

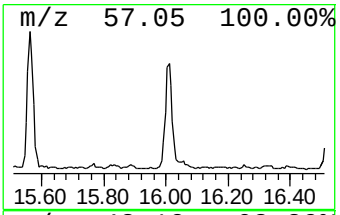
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Hentriacontane	437	C31H64	000630-04-6	81

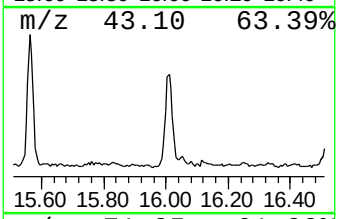


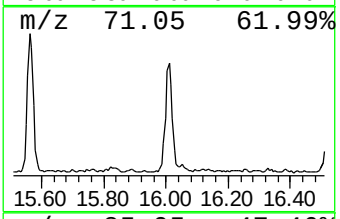


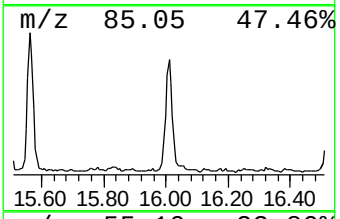


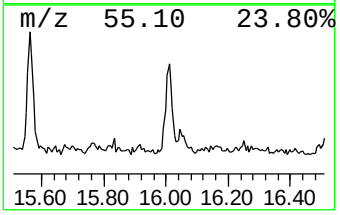












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

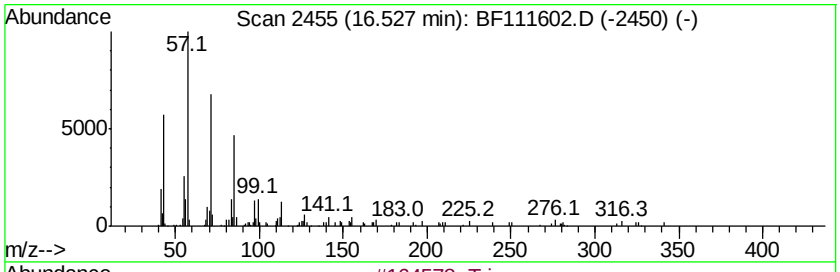
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

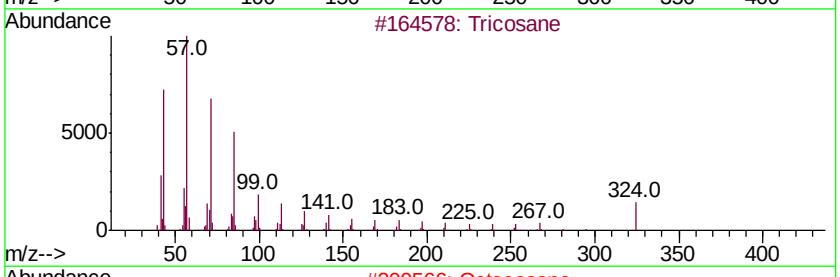
****

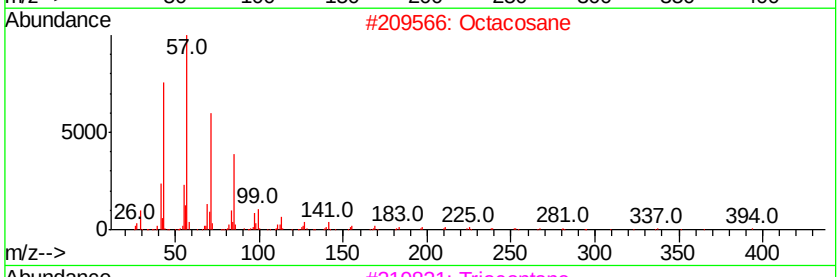
Peak Number 11 Tricosane Concentration Rank 10

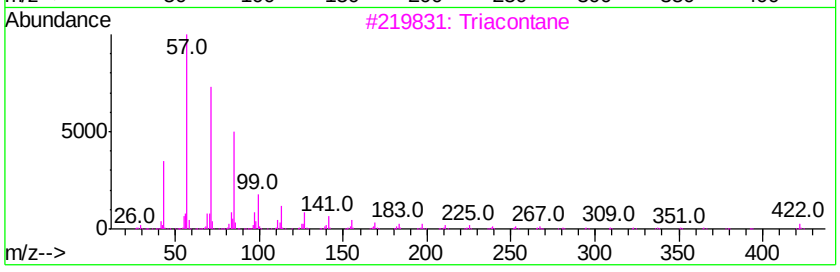
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.41 ng	170054	Perylene-d12	15.52

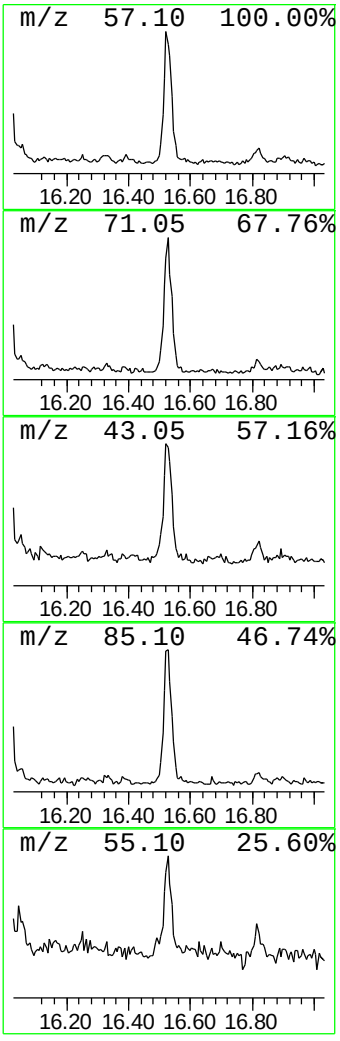
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Docosane	310	C22H46	000629-97-0	87











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111602.D
Acq On : 19 Dec 2018 20:48
Operator : JU/SJ
Sample : J6403-57
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown3.40	3.40	2.6	ng	151460	1	6.89	1169660	20.0
2-Pentanone, 4-hy...	5.12	3.3	ng	190760	1	6.89	1169660	20.0
unknown6.66	6.66	60.8	ng	3552910	1	6.89	1169660	20.0
n-Hexadecanoic acid	11.93	2.3	ng	198556	4	11.41	1703850	20.0
Trichloroacetic a...	13.89	2.8	ng	229965	5	14.04	1634000	20.0
Heptadecane	14.52	2.8	ng	226531	5	14.04	1634000	20.0
Heneicosane	14.83	4.1	ng	291992	6	15.52	1413080	20.0
Docosane	16.01	4.6	ng	323975	6	15.52	1413080	20.0
Tricosane	16.53	2.4	ng	170054	6	15.52	1413080	20.0