LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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	2.281	28	33	44	rVB	340254	472107	32.98%	3.690%
2	5.193	524	528	538	rBV	45987	58202	4.07%	0.455%
3	5.581	590	594	597	rBV	1533993	1339299	93.56%	10.468%
4	6.581	759	764	774	rBV	1355353	1422469	99.37%	11.119%
5	6.728	784	789	792	rBV	1468265	1431555	100.00%	11.190%
6	6.957	824	828	832	rBV	450384	370953	25.91%	2.900%
7	7.110	850	854	858	rBV	1275058	1112169	77.69%	8.693%
8	7.516	919	923	936	rBV	871634	832946	58.18%	6.511%
9	8.239	1042	1046	1059	rBV	424630	417204	29.14%	3.261%
10	9.310	1224	1228	1244	rVB	1557776	1300792	90.87%	10.167%
11	9.704	1291	1295	1302	rBV	111723	105935	7.40%	0.828%
12	9.998	1341	1345	1349	rBV	415040	371205	25.93%	2.901%
13	10.786	1475	1479	1489	rBV	701218	644237	45.00%	5.036%
14	11.486	1595	1598	1607	rBV	336886	351701	24.57%	2.749%
15	13.069	1863	1867	1870	rBV	1420751	1196177	83.56%	9.350%
16	13.280	1896	1903	1905	rBV	11135	14969	1.05%	0.117%
17	13.539	1942	1947	1951	rBV3	13234	15276	1.07%	0.119%
18	13.951	2013	2017	2026	rBV	89080	126663	8.85%	0.990%
19	14.133	2044	2048	2055	rBV	502084	458172	32.01%	3.581%
20	14.263	2067	2070	2077	rBV	32928	36181	2.53%	0.283%
21	14.569	2119	2122	2129	rVB	45523	49440	3.45%	0.386%
22	14.886	2172	2176	2181	rVB2	58049	68691	4.80%	0.537%
23	15.239	2232	2236	2241	rVB	56571	64824	4.53%	0.507%
24	15.657	2299	2307	2314	rVB	270675	424794	29.67%	3.320%
25	16.092	2376	2381	2387	rBV2	40627	66571	4.65%	0.520%
26	16.621	2467	2471	2475	rBV3	23547	41154	2.87%	0.322%

Sum of corrected areas: 12793686

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110383.D
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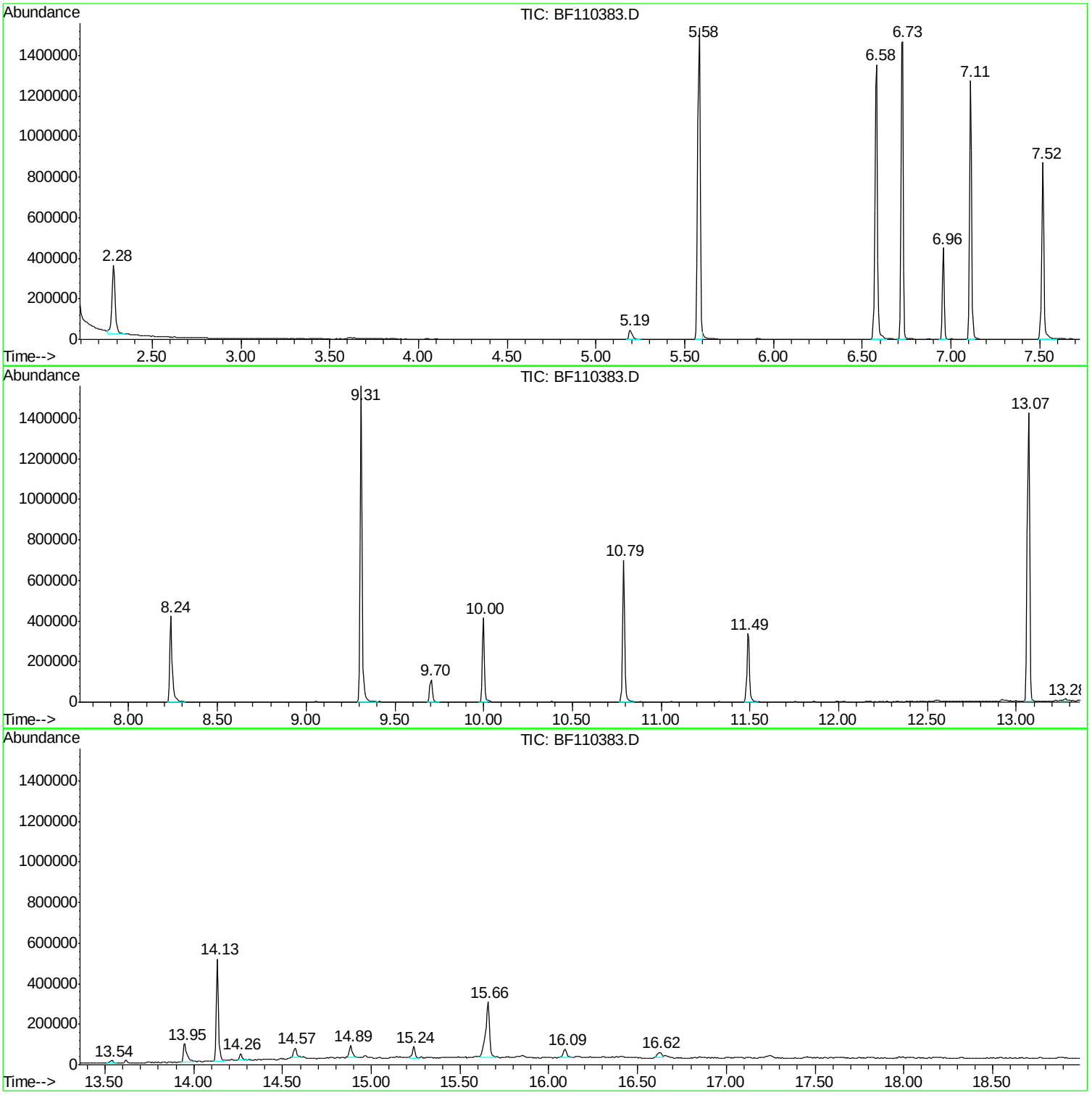
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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

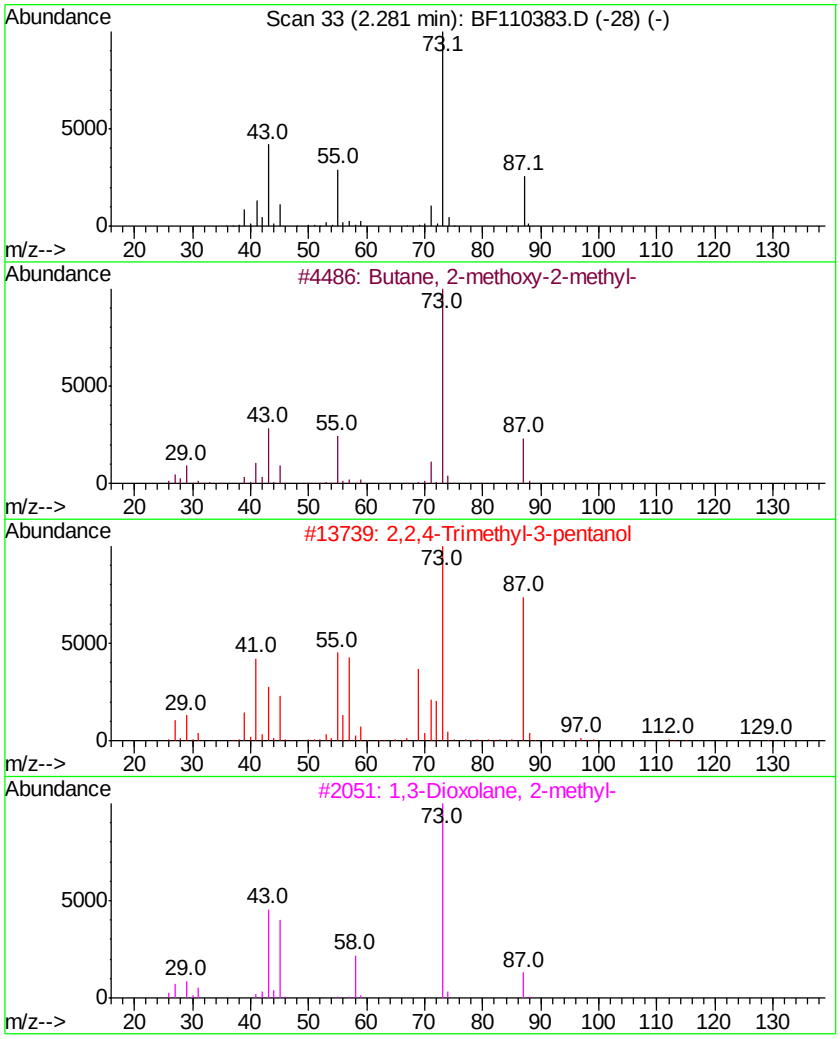
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

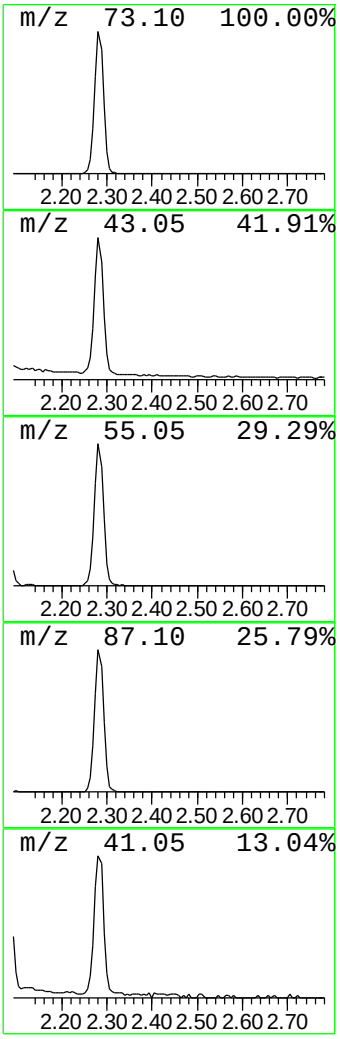
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	25.45 ng	472107	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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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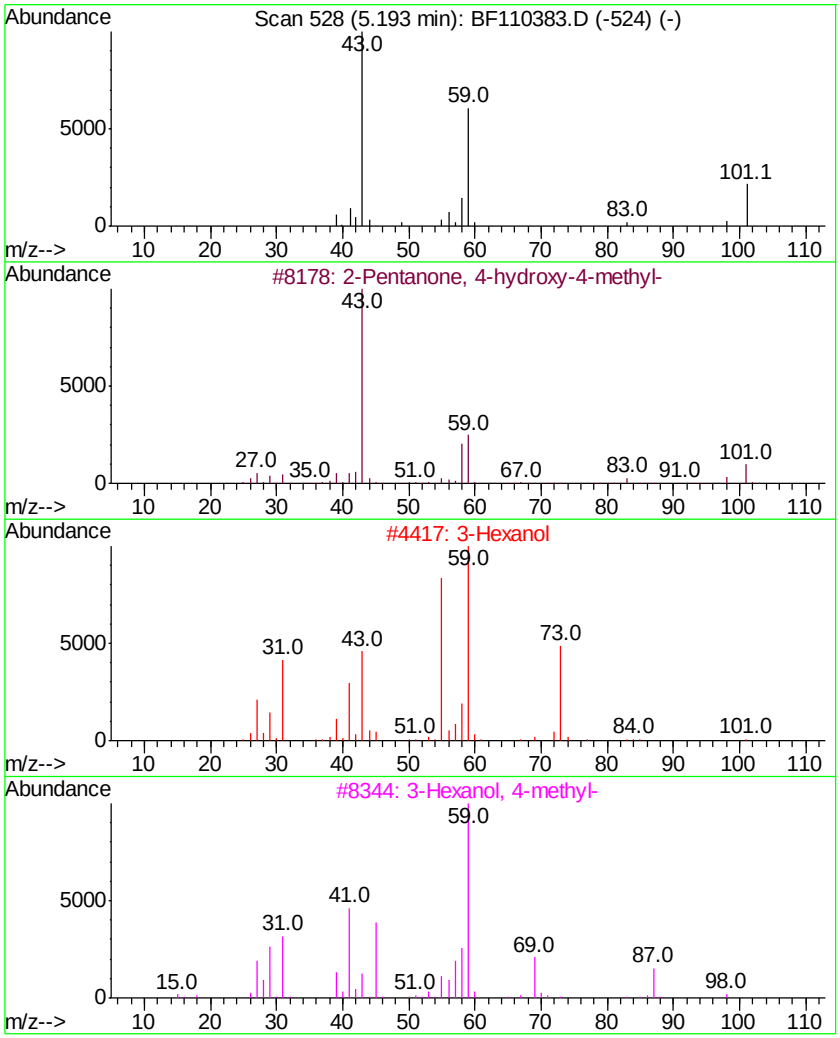
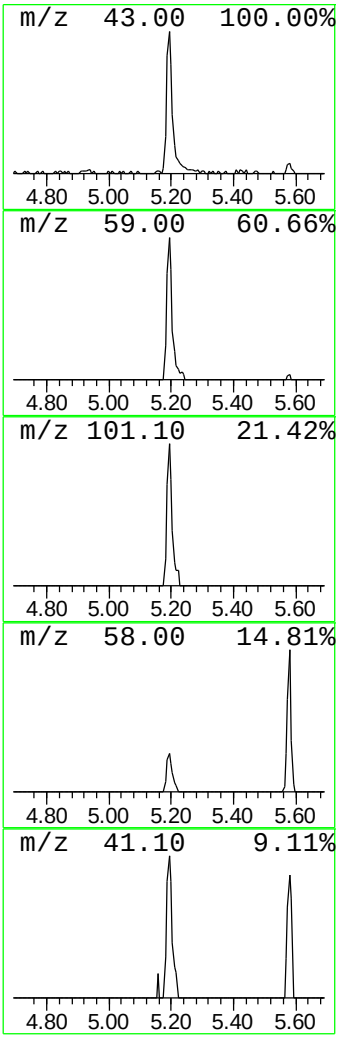
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.14 ng	58202	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	3-Pentanol	88	C5H12O	000584-02-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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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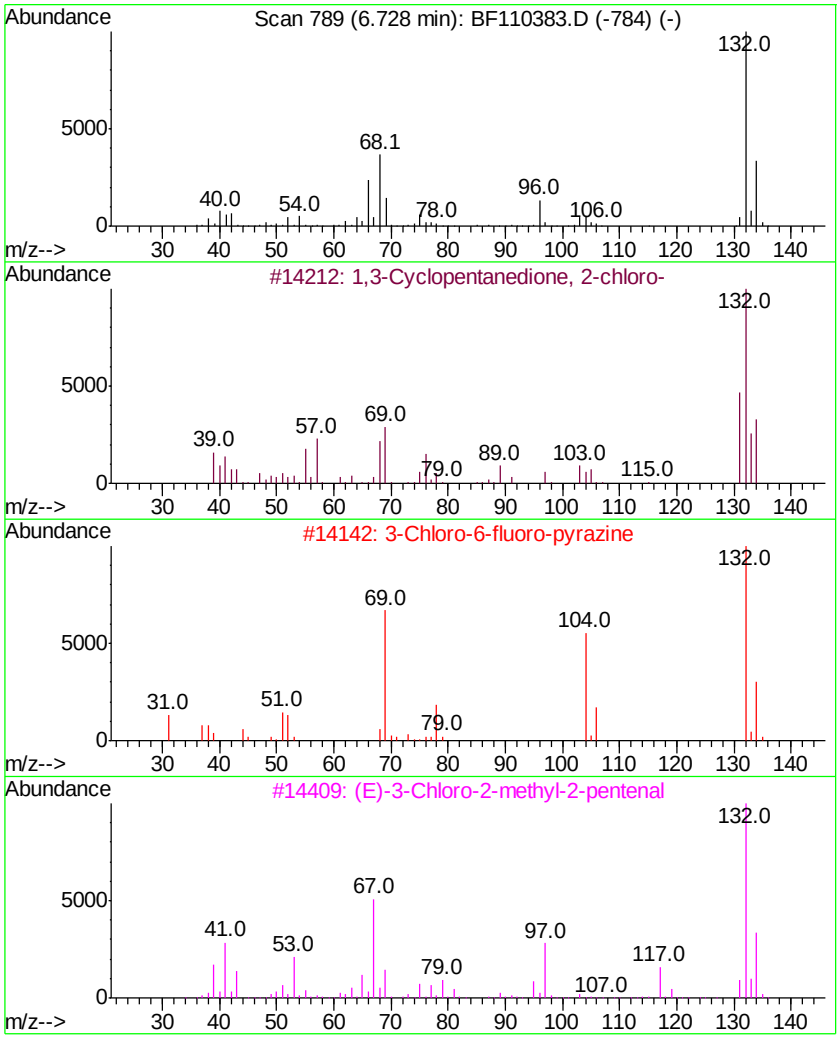
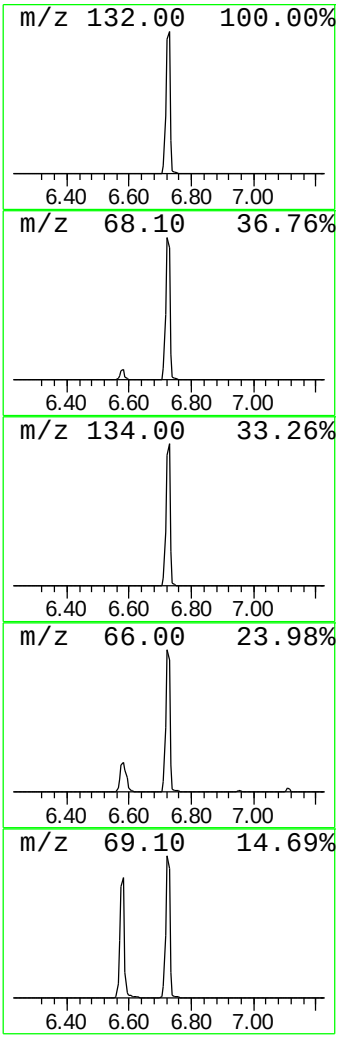
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	77.18 ng	1431560	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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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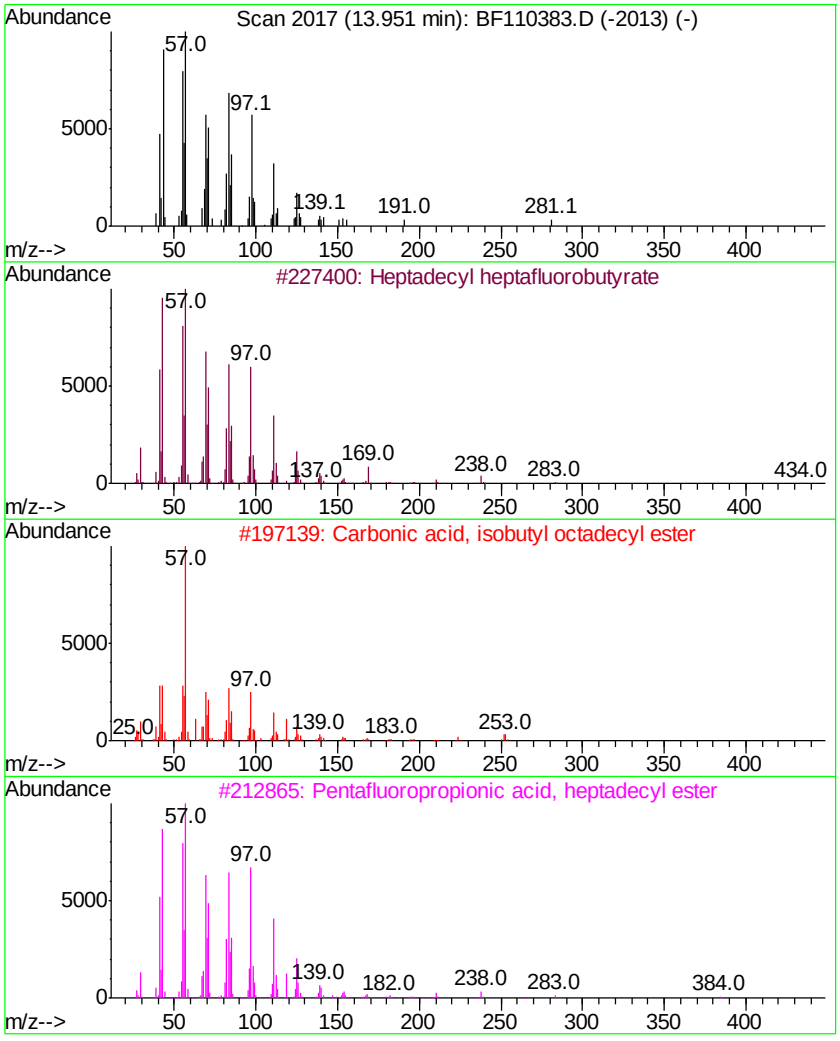
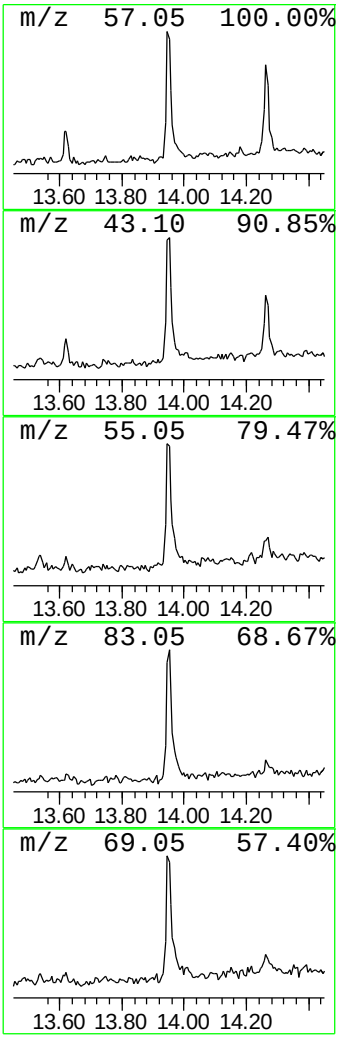
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.53 ng	126663	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
5	1-Docosene	308	C22H44	001599-67-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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

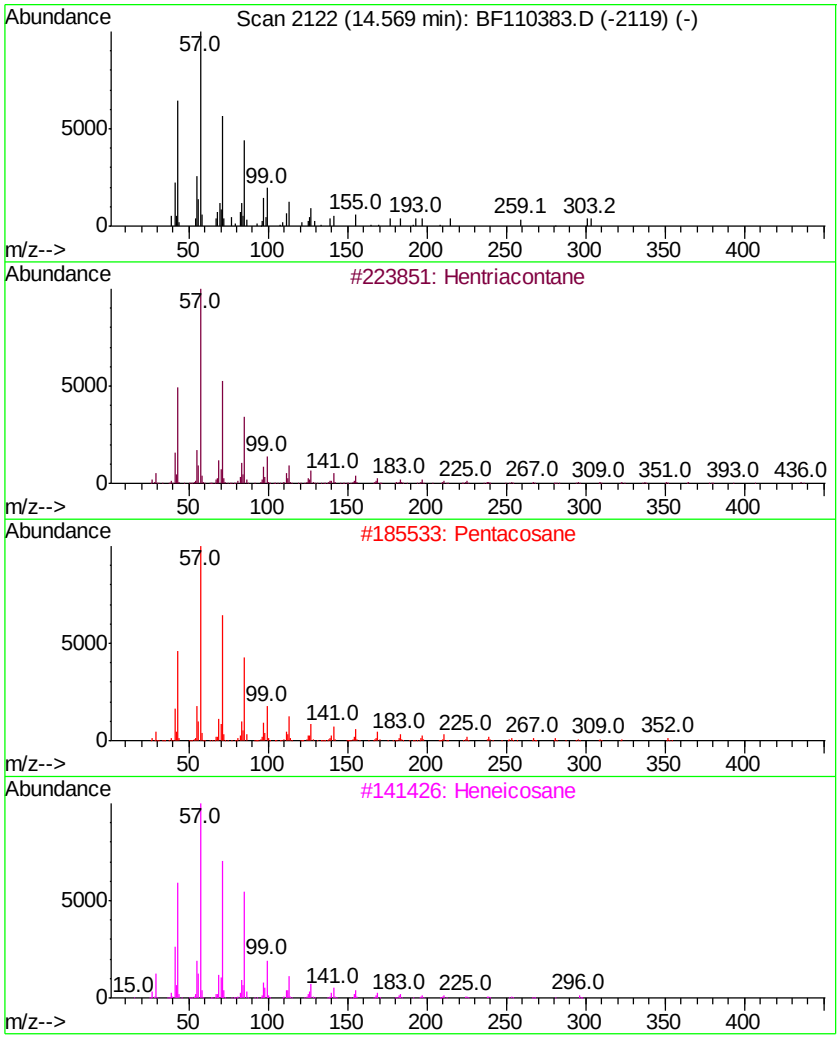
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

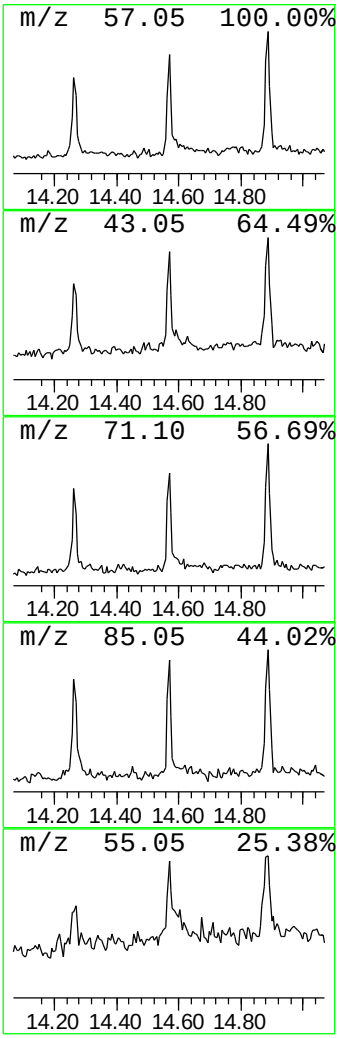
****

Peak Number 6 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.16 ng	49440	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

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Operator : JU/SJ
Sample : J5755-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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

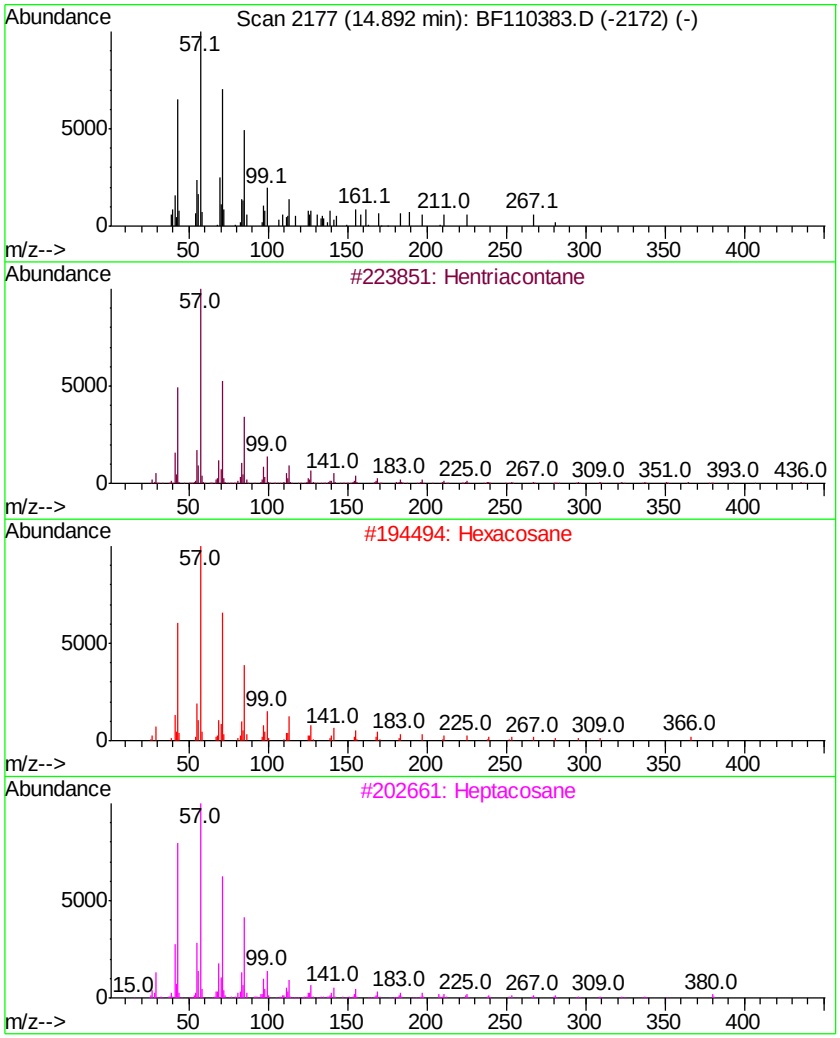
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

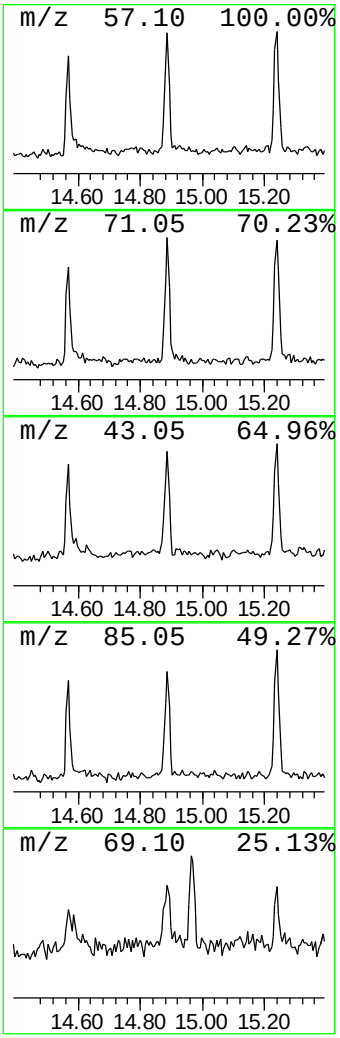
****

Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.00 ng	68691	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Triacontane	422	C30H62	000638-68-6	86





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Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2A-D

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

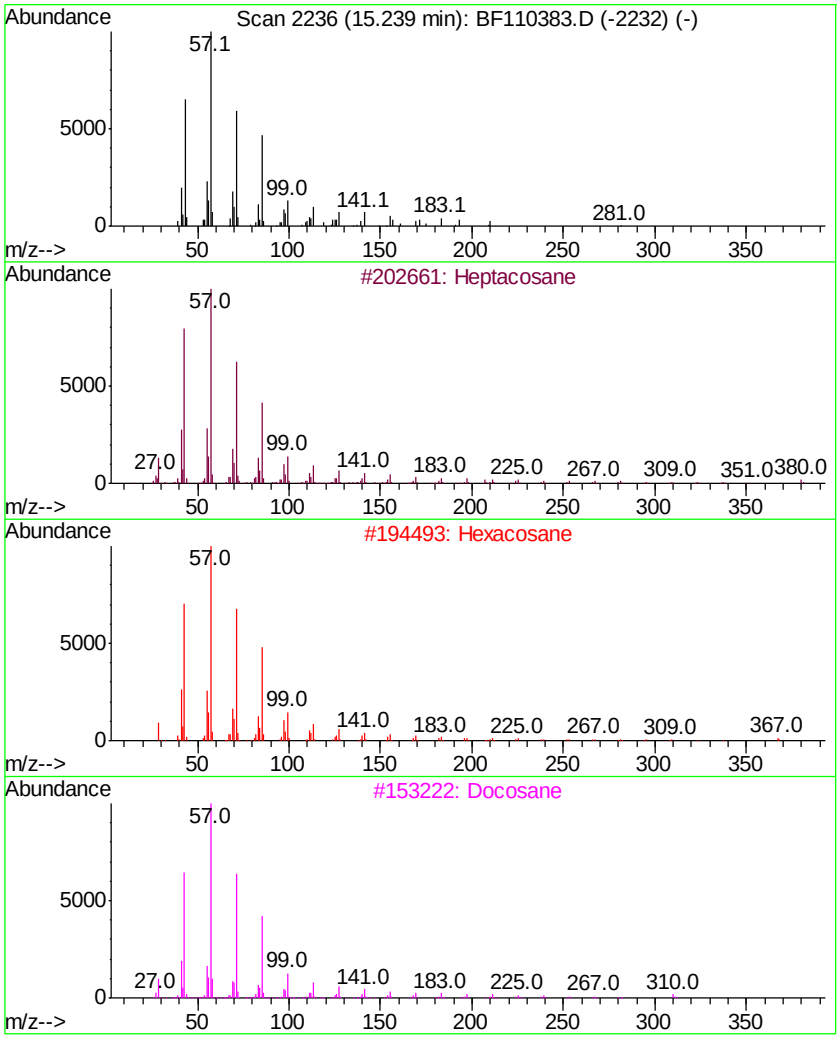
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

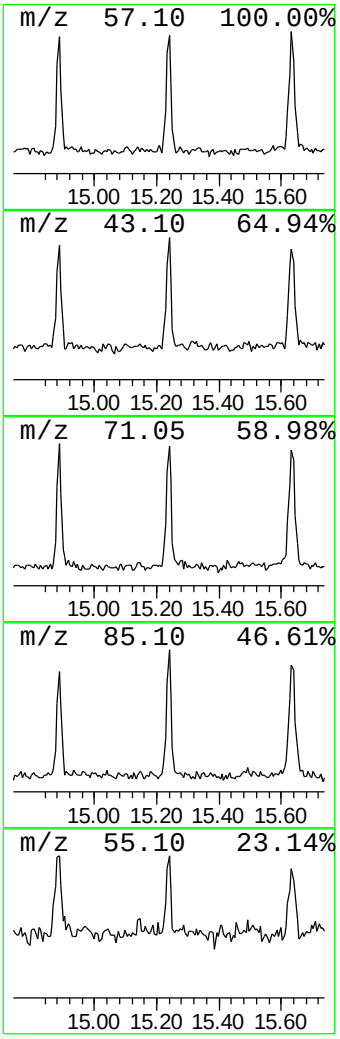
****

Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	3.05 ng	64824	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane	310	C22H46	000629-97-0	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2A-D

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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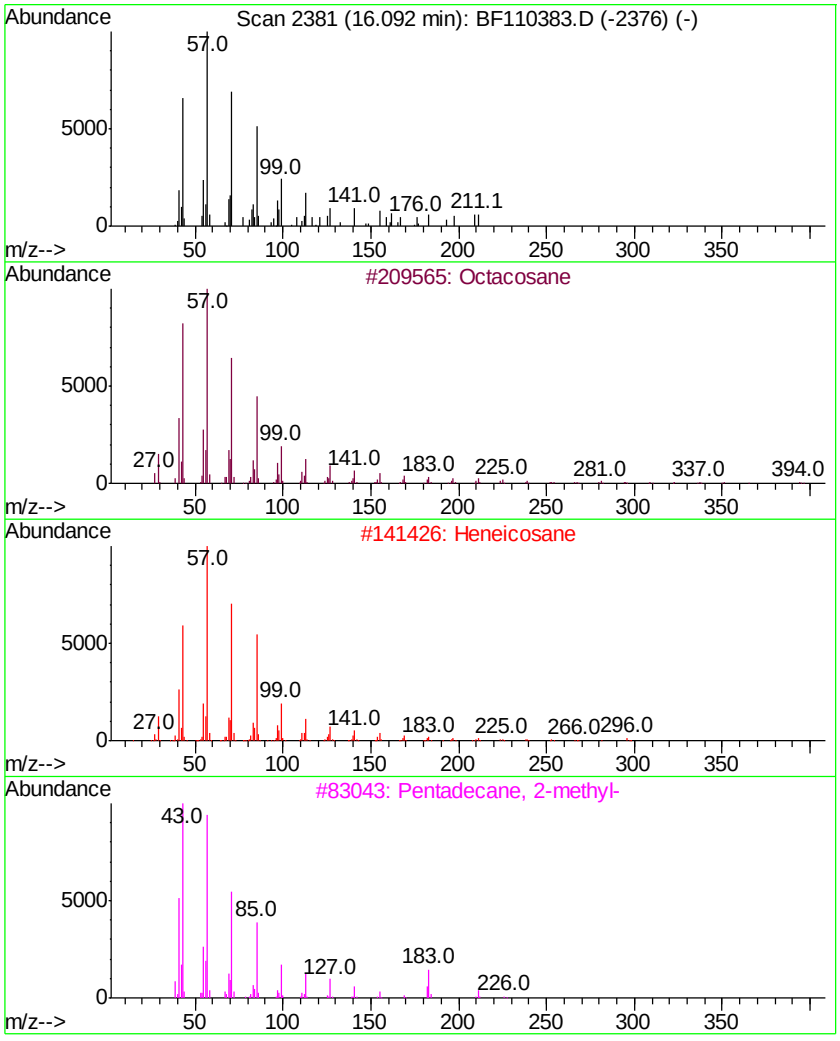
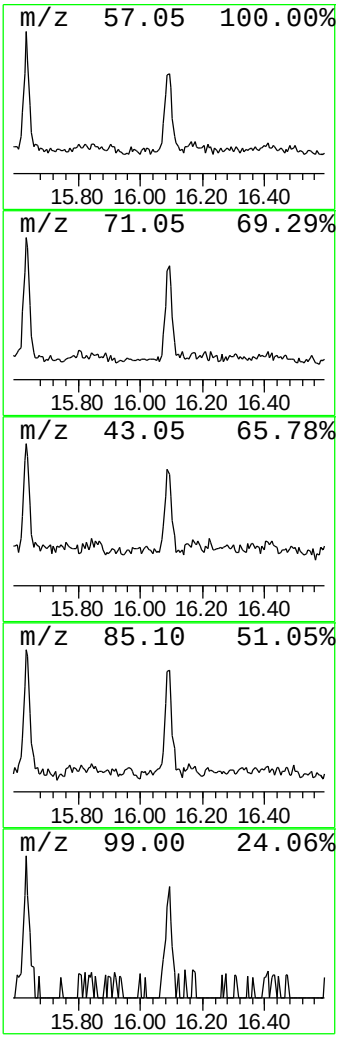
Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.13 ng	66571	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Nonacosane	408	C29H60	000630-03-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110118\
Data File : BF110383.D
Acq On : 1 Nov 2018 22:22
Operator : JU/SJ
Sample : J5755-11
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2A-D

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
Butane, 2-methoxy...	2.28	25.4	ng	472107	1	6.96	370953	20.0
2-Pentanone, 4-hy...	5.19	3.1	ng	58202	1	6.96	370953	20.0
unknown6.73	6.73	77.2	ng	1431560	1	6.96	370953	20.0
Heptadecyl heptaf...	13.95	5.5	ng	126663	5	14.13	458172	20.0
Hentriacontane	14.57	2.2	ng	49440	5	14.13	458172	20.0
Hexacosane	14.89	3.0	ng	68691	5	14.13	458172	20.0
Heptacosane	15.24	3.0	ng	64824	6	15.66	424794	20.0
Octacosane	16.09	3.1	ng	66571	6	15.66	424794	20.0