LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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	2.234	18	25	32	rVB	509937	689578	14.51%	1.525%
2	4.657	432	437	441	rBV	85086	90310	1.90%	0.200%
3	5.128	511	517	524	rVB	179327	240133	5.05%	0.531%
4	5.534	581	586	589	rBV	4346827	4257358	89.55%	9.418%
5	6.540	751	757	761	rBV	4197047	4753997	100.00%	10.517%
6	6.675	775	780	783	rBV	5018312	4493333	94.52%	9.940%
7	6.740	786	791	794	rVB3	63282	63534	1.34%	0.141%
8	6.898	814	818	822	rBV	1574101	1260722	26.52%	2.789%
9	7.057	841	845	848	rBV	4169350	3553569	74.75%	7.861%
10	7.457	905	913	916	rBV	3030584	2952036	62.10%	6.530%
11	8.181	1031	1036	1039	rBV	1893942	1597104	33.59%	3.533%
12	8.204	1039	1040	1044	rVB	88903	49007	1.03%	0.108%
13	8.892	1151	1157	1162	rVB	75274	65872	1.39%	0.146%
14	9.257	1213	1219	1222	rBV	4954997	4501627	94.69%	9.959%
15	9.639	1282	1284	1289	rVB	357713	304378	6.40%	0.673%
16	9.934	1327	1334	1338	rBV	1887189	1624520	34.17%	3.594%
17	10.133	1364	1368	1372	rBV2	66196	71581	1.51%	0.158%
18	10.722	1463	1468	1471	rBV	3015052	2535257	53.33%	5.608%
19	10.839	1485	1488	1496	rVB3	63146	93791	1.97%	0.207%
20	11.063	1523	1526	1533	rVB6	27372	48203	1.01%	0.107%
21	11.222	1550	1553	1557	rVB	48798	48265	1.02%	0.107%
22	11.286	1557	1564	1567	rBV4	51414	72075	1.52%	0.159%
23	11.422	1583	1587	1589	rBV	1473733	1361389	28.64%	3.012%
24	11.439	1589	1590	1593	rVV	325526	225692	4.75%	0.499%
25	11.492	1597	1599	1602	rVB	63828	53468	1.12%	0.118%
26	11.945	1673	1676	1683	rVB	771298	631264	13.28%	1.396%
27	12.027	1687	1690	1693	rBV2	70956	84070	1.77%	0.186%
28	12.469	1762	1765	1768	rVB2	58911	59722	1.26%	0.132%
29	12.510	1768	1772	1773	rBV2	53367	52967	1.11%	0.117%
30	12.551	1776	1779	1784	rVB2	69413	76430	1.61%	0.169%
31	12.604	1785	1788	1790	rBV3	73534	74397	1.56%	0.165%
32	12.627	1790	1792	1797	rVB	473606	428120	9.01%	0.947%
33	12.727	1806	1809	1815	rBV	394361	416019	8.75%	0.920%
34	12.857	1828	1831	1834	rVB	386212	299484	6.30%	0.663%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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	13.004	1852	1856	1859	rBV	3620870	3050828	64.17%	6.749%
36	13.474	1934	1936	1938	rVB	70849	51684	1.09%	0.114%
37	13.692	1971	1973	1977	rVB	69480	66807	1.41%	0.148%
38	13.863	1999	2002	2004	rBV3	70476	78148	1.64%	0.173%
39	13.898	2005	2008	2012	rVV2	249282	287676	6.05%	0.636%
40	14.039	2028	2032	2033	rBV	1204032	1147372	24.13%	2.538%
41	14.057	2033	2035	2038	rVV	1440180	1308212	27.52%	2.894%
42	14.080	2038	2039	2047	rVB	232261	203619	4.28%	0.450%
43	14.527	2113	2115	2119	rVB	174286	159928	3.36%	0.354%
44	15.104	2210	2213	2222	rVB	198858	419271	8.82%	0.928%
45	15.186	2224	2227	2228	rBV	143664	153338	3.23%	0.339%
46	15.539	2283	2287	2291	rBV	677418	796325	16.75%	1.762%
47	15.780	2324	2328	2333	rBV2	250480	351365	7.39%	0.777%

Sum of corrected areas: 45203845

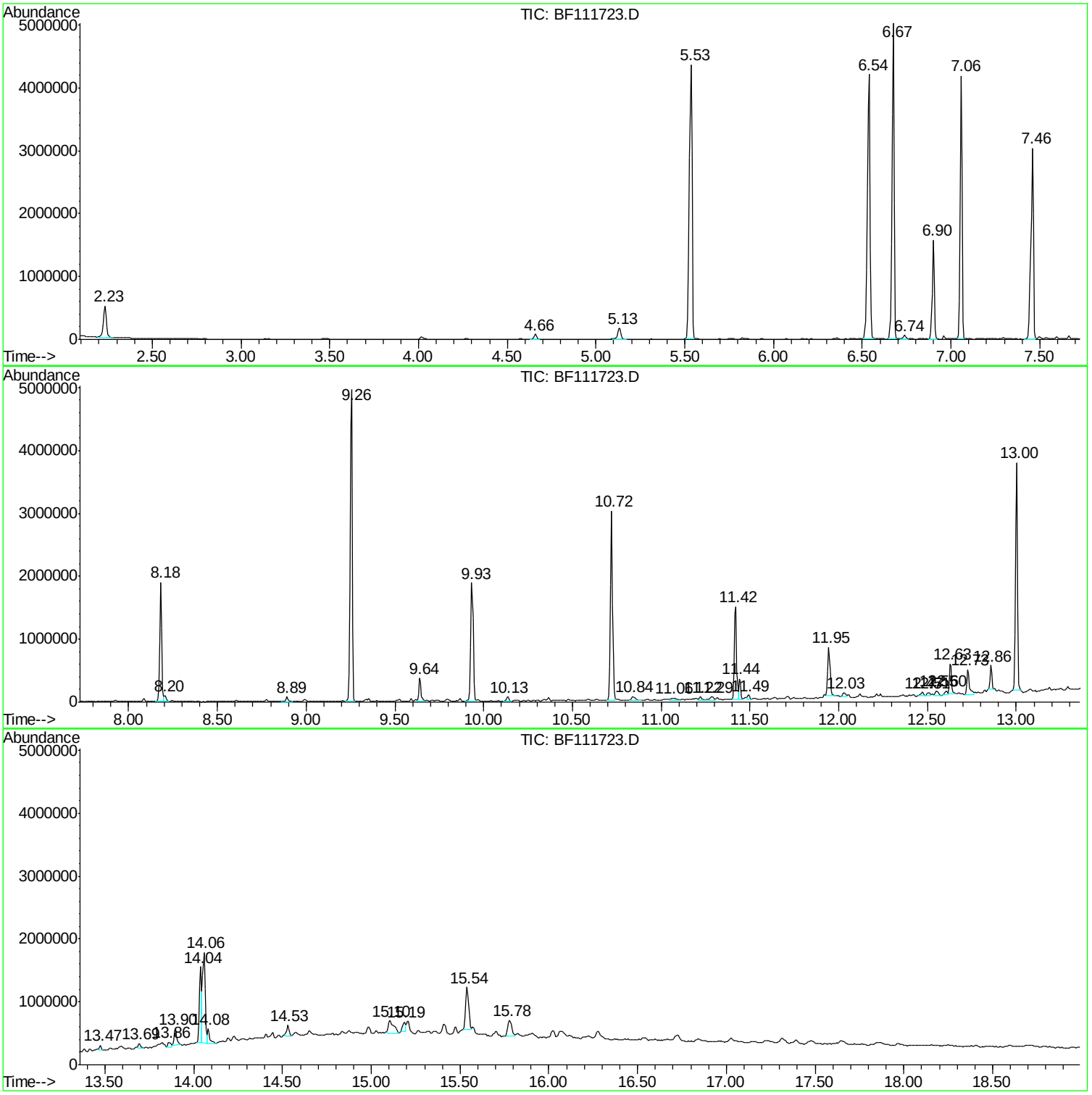
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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

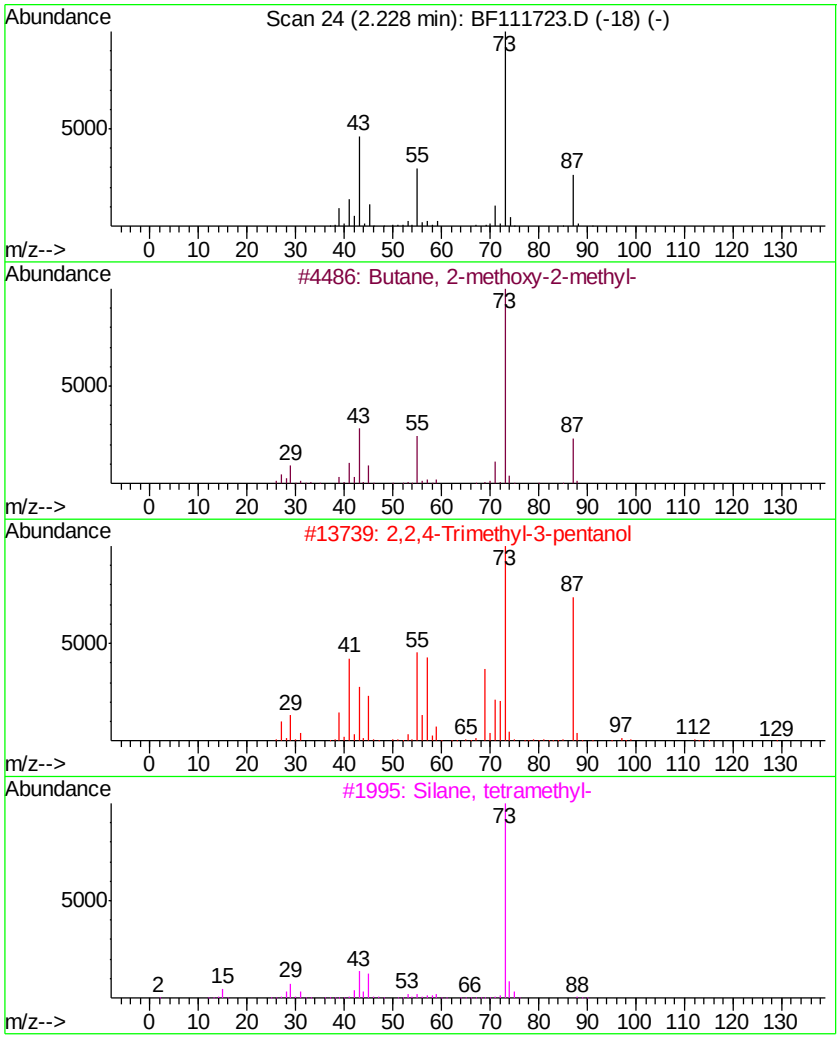
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

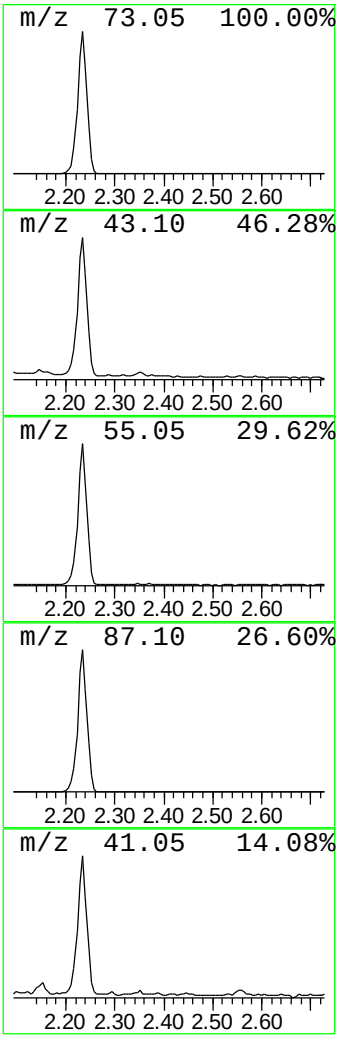
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	10.94 ng	689578	1,4-Dichlorobenzene-d4	6.90

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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

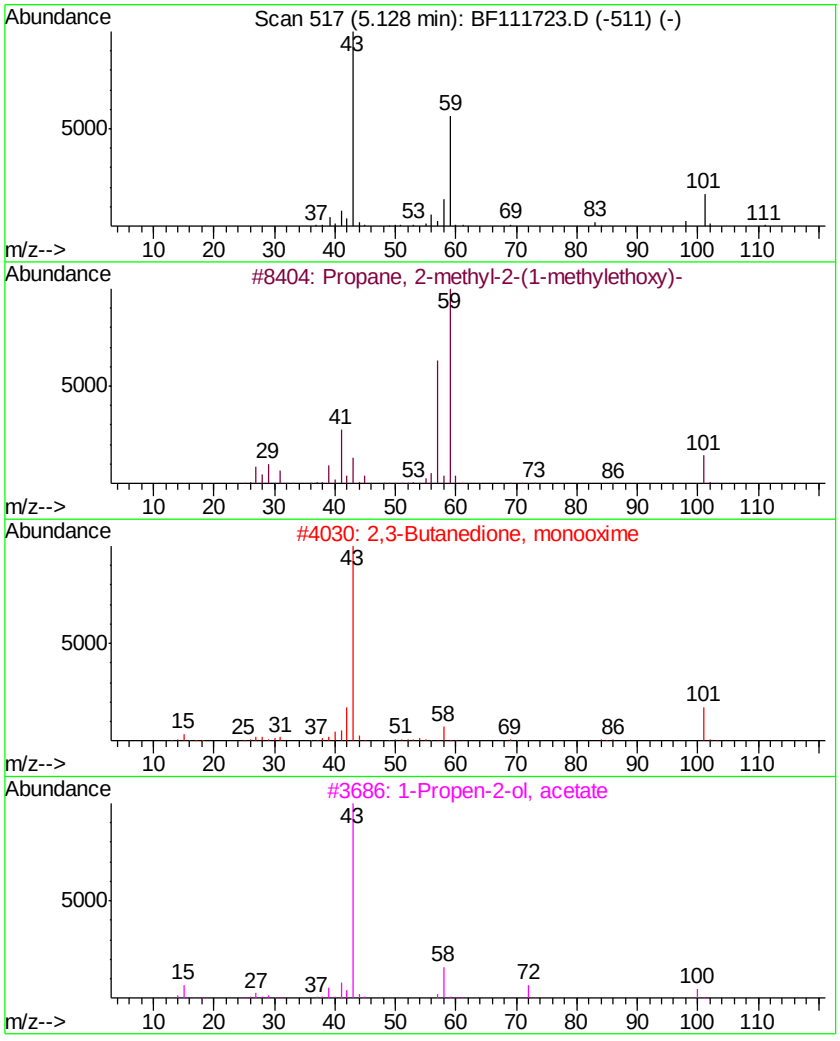
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

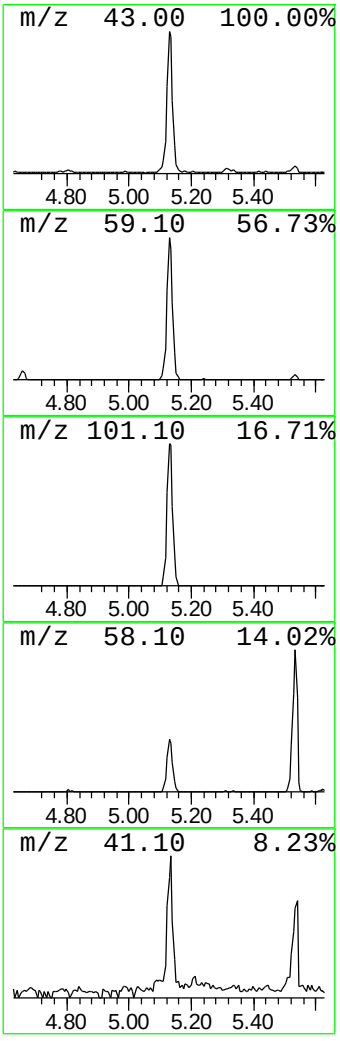
****

Peak Number 2 unknown5.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	3.81 ng	240133	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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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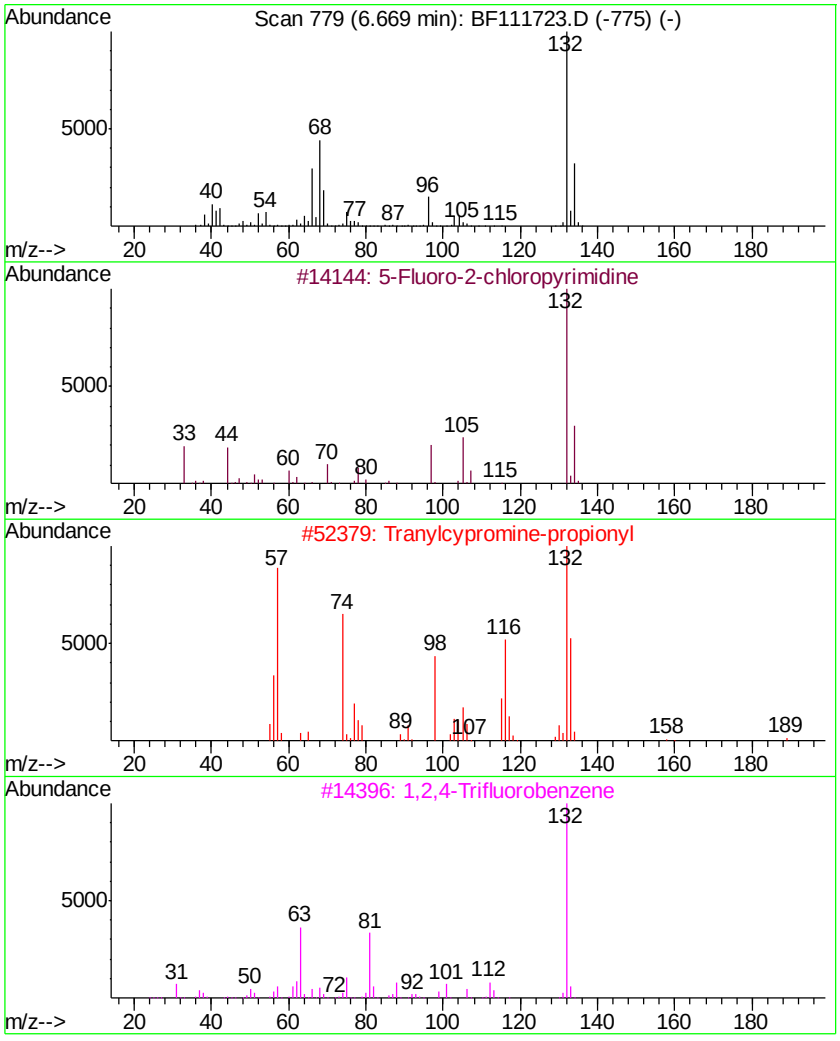
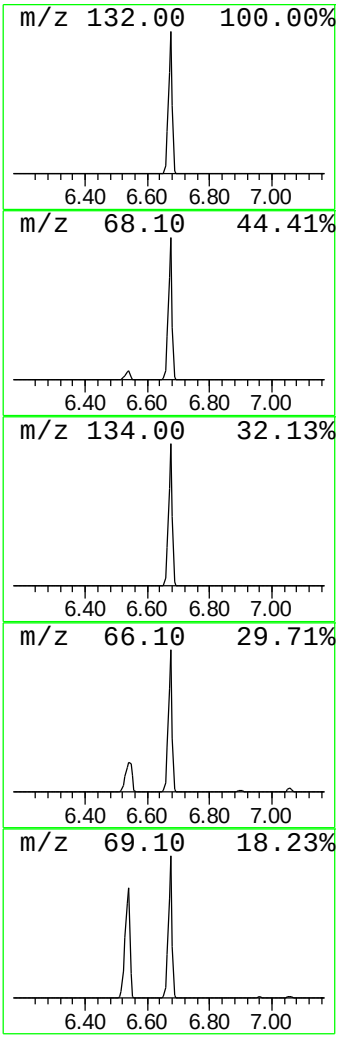
Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	71.28 ng	4493330	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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

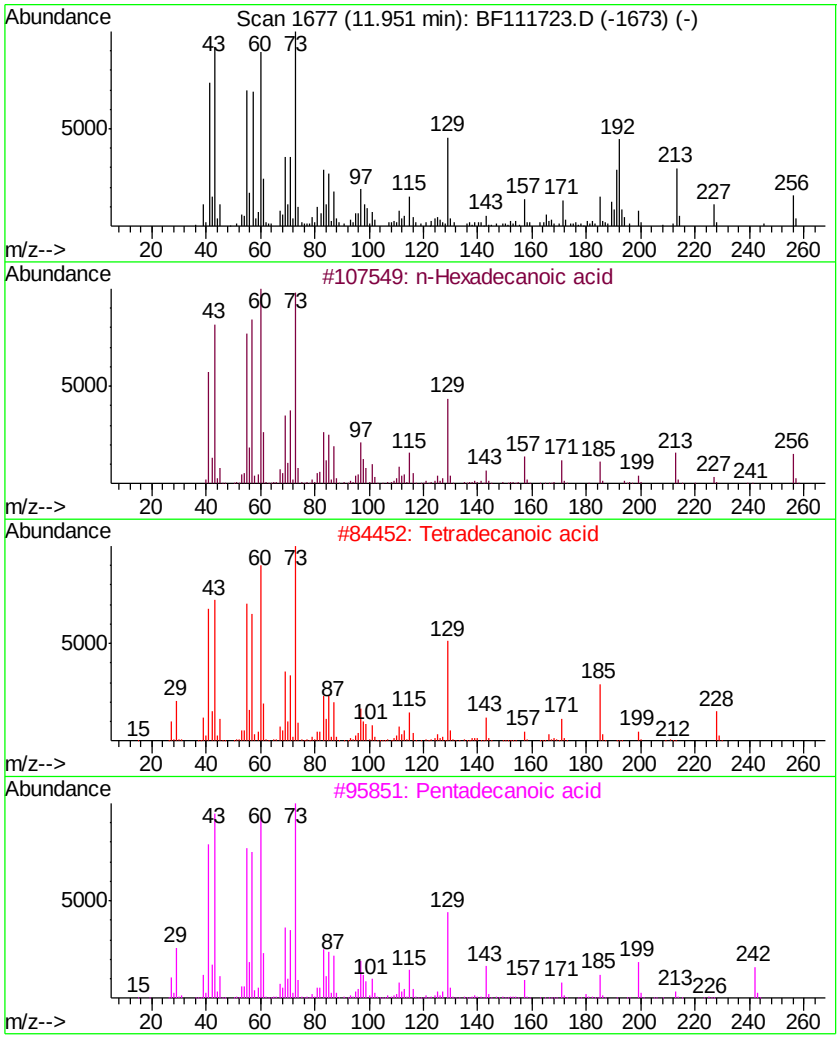
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

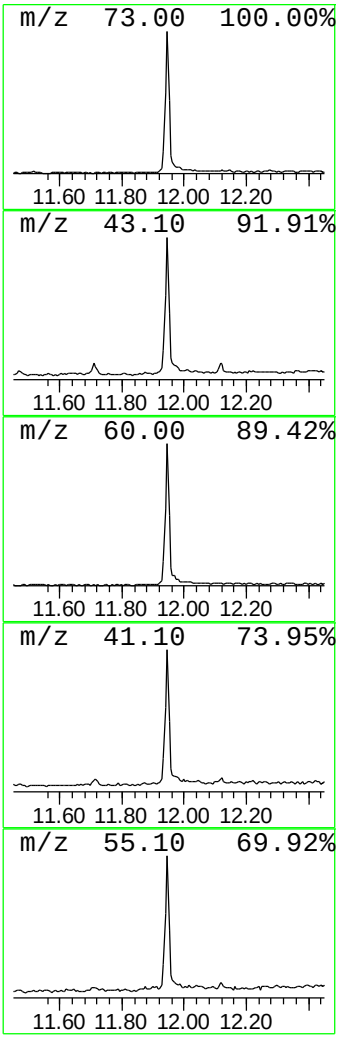
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	9.27 ng	631264	Phenanthrene-d10	11.42

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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

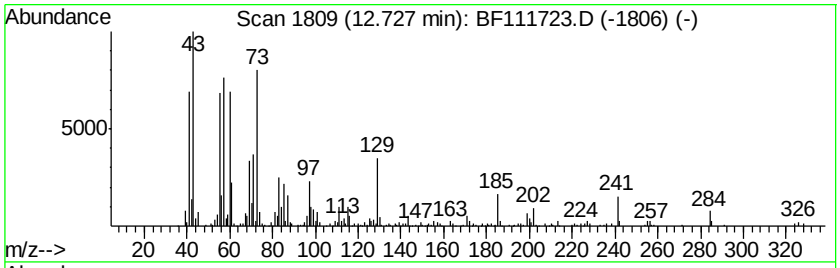
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

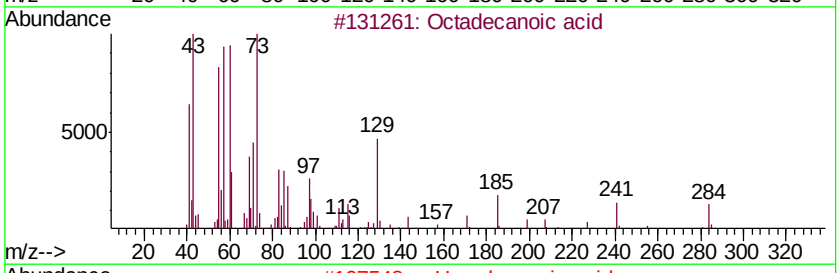
****

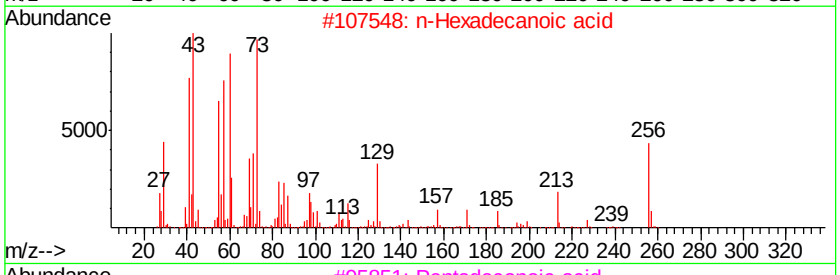
Peak Number 6 Octadecanoic acid Concentration Rank 6

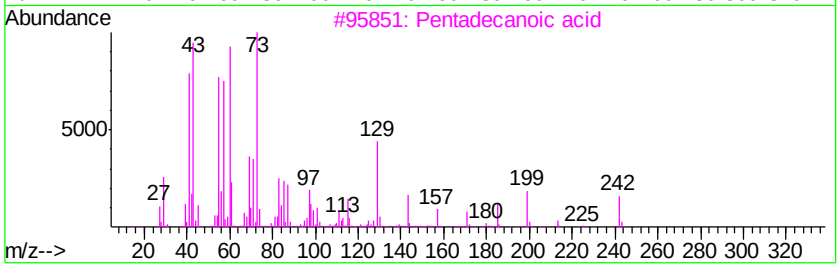
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.11 ng	416019	Phenanthrene-d10	11.42

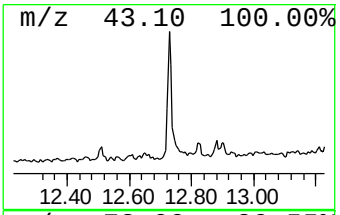
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55

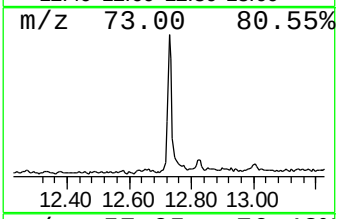


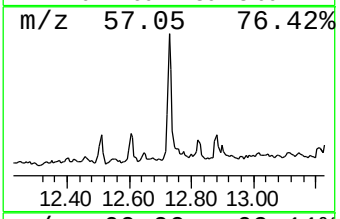


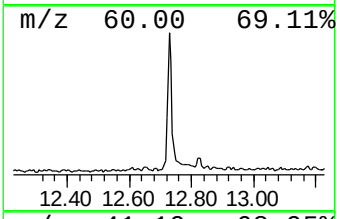


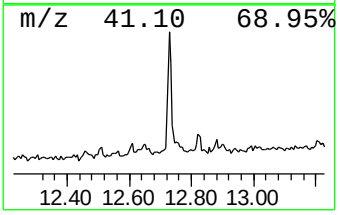












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Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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

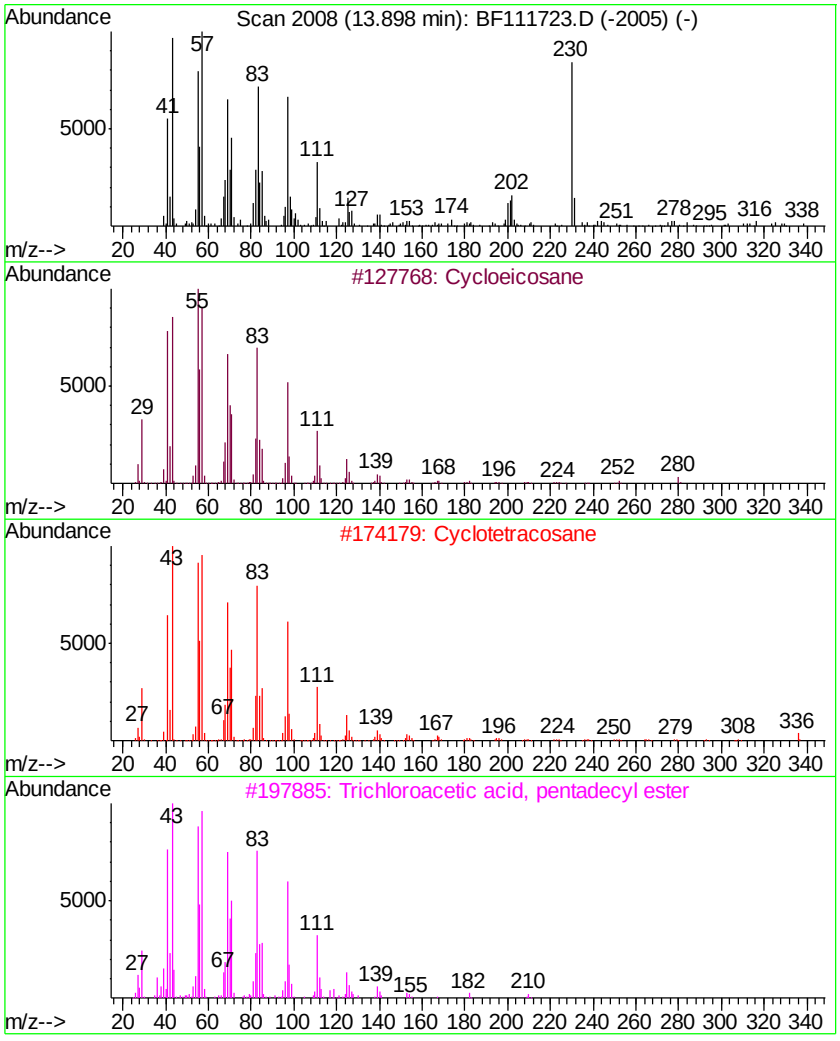
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

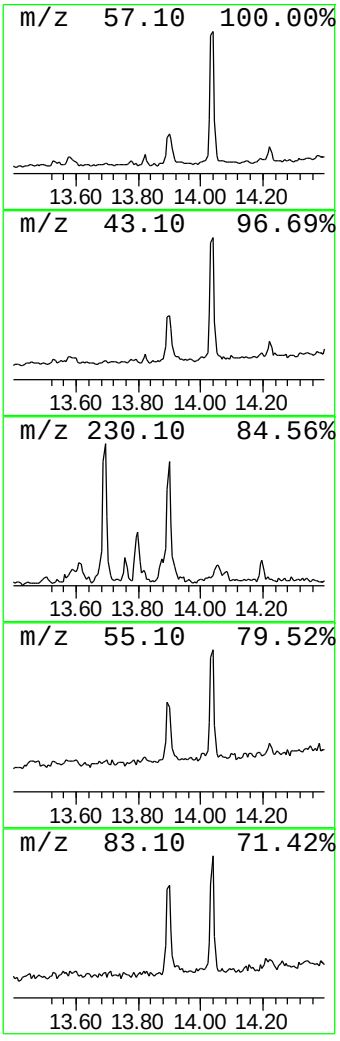
****

Peak Number 7 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.40 ng	287676	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	92
2	Cyclotetracosane	336	C24H48	000297-03-0	64
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
5	1-Tricosene	322	C23H46	018835-32-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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

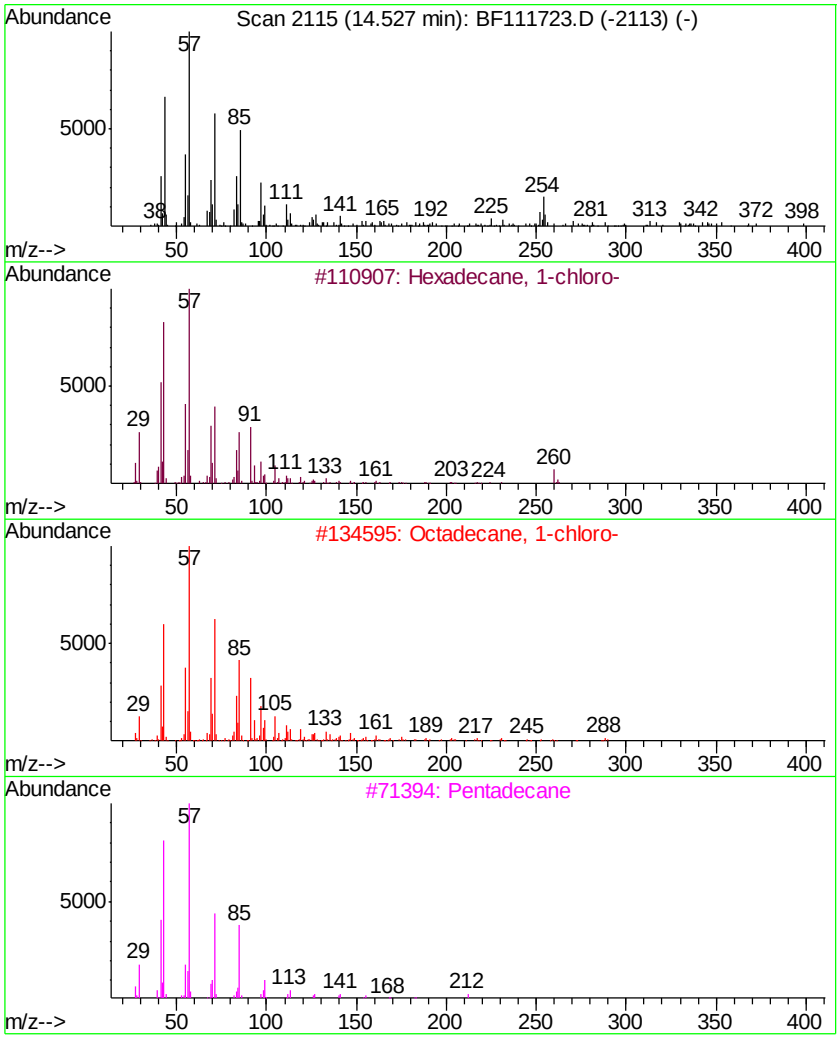
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

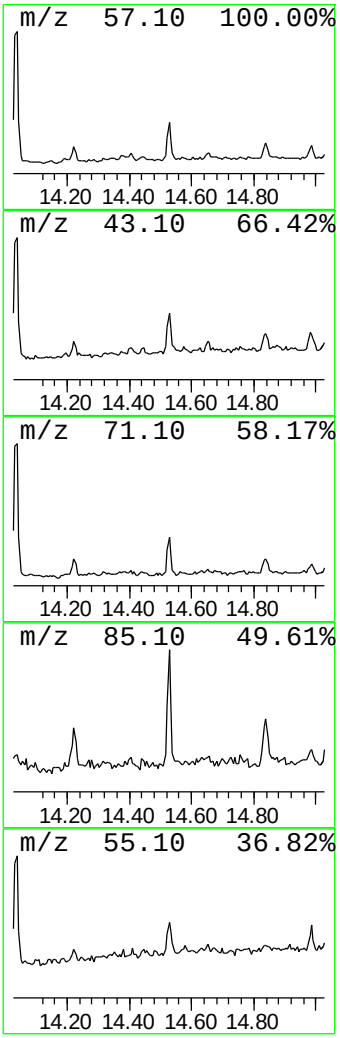
****

Peak Number 8 Hexadecane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.44 ng	159928	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	94
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	93
3	Pentadecane	212	C15H32	000629-62-9	92
4	Octadecane	254	C18H38	000593-45-3	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87





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Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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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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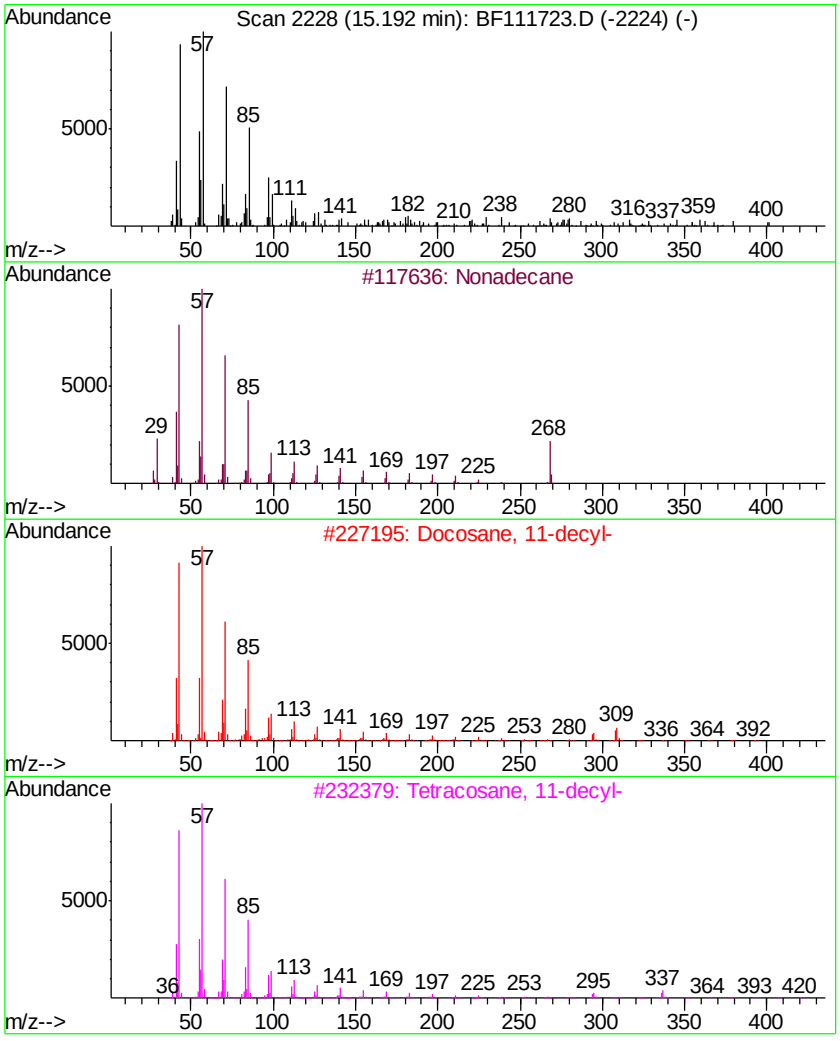
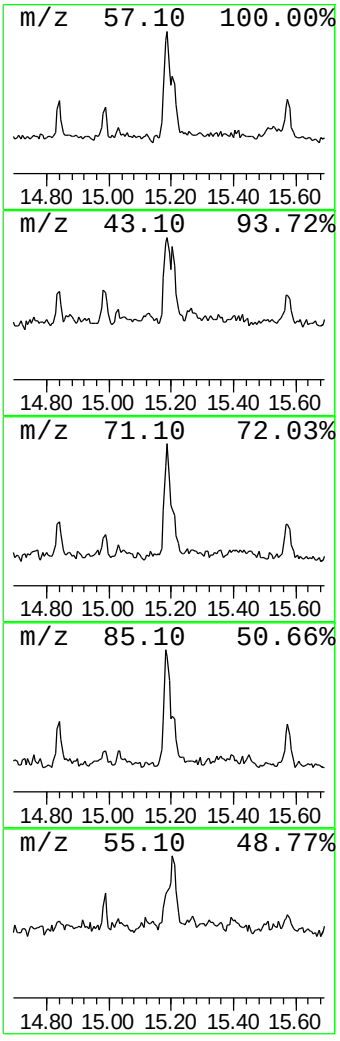
Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.85 ng	153338	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	83
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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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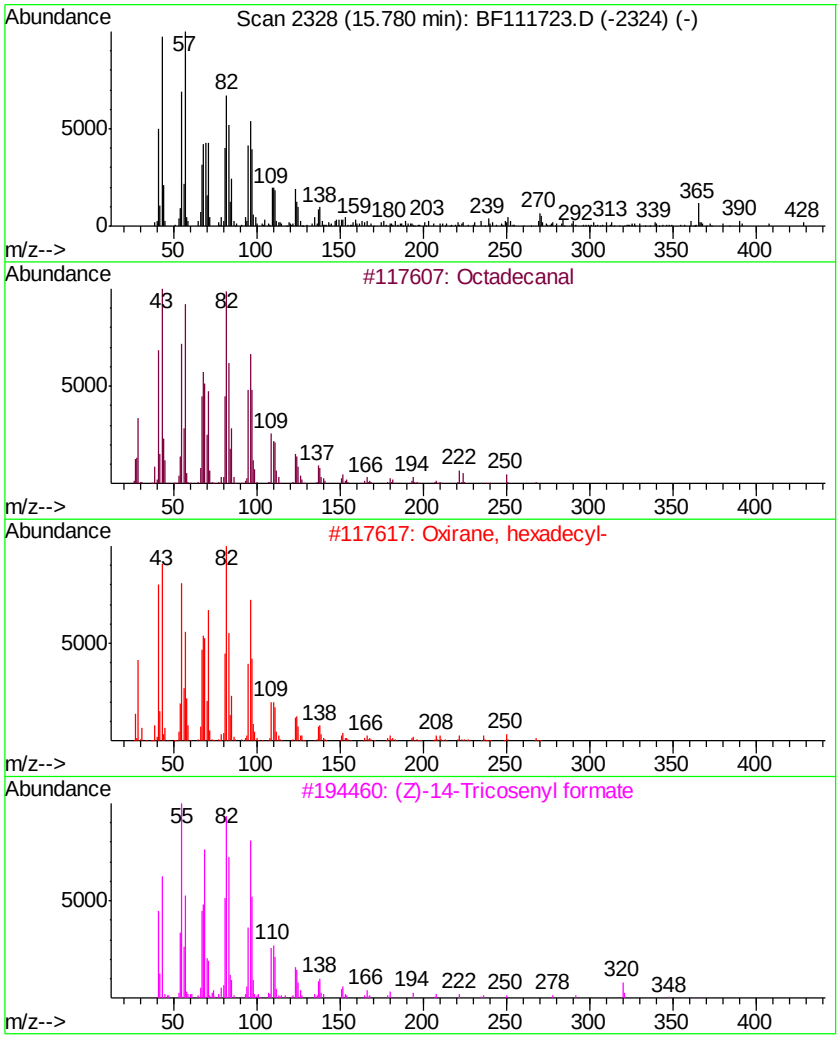
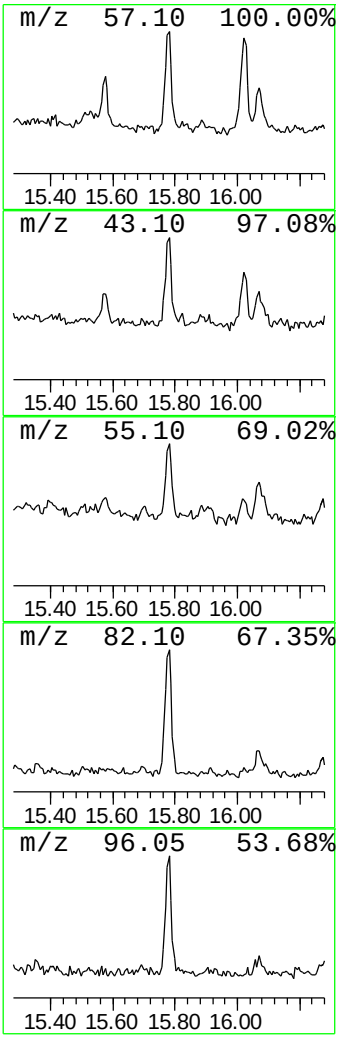
Peak Number 10 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	8.82 ng	351365	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	81
4	1,19-Eicosadiene	278	C20H38	014811-95-1	80
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07A

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
Butane, 2-methoxy...	2.23	10.9	ng	689578	1	6.90	1260720	20.0
unknown5.13	5.13	3.8	ng	240133	1	6.90	1260720	20.0
unknown6.67	6.67	71.3	ng	4493330	1	6.90	1260720	20.0
n-Hexadecanoic acid	11.95	9.3	ng	631264	4	11.42	1361390	20.0
Octadecanoic acid	12.73	6.1	ng	416019	4	11.42	1361390	20.0
Cycloeicosane	13.90	4.4	ng	287676	5	14.06	1308210	20.0
Hexadecane, 1-chl...	14.53	2.4	ng	159928	5	14.06	1308210	20.0
Nonadecane	15.19	3.9	ng	153338	6	15.54	796325	20.0
Octadecanal	15.78	8.8	ng	351365	6	15.54	796325	20.0