LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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	2.257	25	29	46	rVB	156746	233306	21.96%	1.860%
2	5.181	522	526	534	rBV	26003	36135	3.40%	0.288%
3	5.569	588	592	606	rBV	916124	898820	84.59%	7.167%
4	6.575	759	763	784	rBV	1003087	1026595	96.62%	8.186%
5	6.722	784	788	794	rBV	1175104	998431	93.97%	7.961%
6	6.951	824	827	834	rBV	686864	607834	57.21%	4.847%
7	7.110	850	854	862	rBV	808084	751949	70.77%	5.996%
8	7.516	919	923	938	rBV	570784	611715	57.57%	4.878%
9	8.234	1042	1045	1065	rVB	649457	782277	73.62%	6.238%
10	8.857	1146	1151	1156	rBV	12990	13695	1.29%	0.109%
11	9.310	1224	1228	1238	rBV	1079921	1062526	100.00%	8.472%
12	9.375	1238	1239	1250	rVB5	9439	13537	1.27%	0.108%
13	9.704	1291	1295	1303	rBV	103845	110452	10.40%	0.881%
14	9.998	1341	1345	1360	rVB	735901	788982	74.26%	6.291%
15	10.786	1475	1479	1492	rBV	461984	475777	44.78%	3.794%
16	11.486	1595	1598	1612	rBV	607835	642795	60.50%	5.125%
17	11.992	1679	1684	1692	rBV2	82816	115413	10.86%	0.920%
18	12.710	1800	1806	1809	rBV2	20691	28566	2.69%	0.228%
19	12.774	1814	1817	1827	rBV3	43937	69948	6.58%	0.558%
20	13.069	1863	1867	1874	rVB	748683	699594	65.84%	5.578%
21	13.251	1894	1898	1900	rBV4	10830	16498	1.55%	0.132%
22	13.616	1957	1960	1963	rBV4	17896	20438	1.92%	0.163%
23	13.945	2013	2016	2021	rBV	65476	75954	7.15%	0.606%
24	14.133	2044	2048	2059	rBV	541575	567969	53.45%	4.529%
25	14.263	2067	2070	2073	rVB	51579	52466	4.94%	0.418%
26	14.563	2118	2121	2129	rBV	121581	139254	13.11%	1.110%
27	14.880	2172	2175	2179	rVB	206407	219041	20.62%	1.747%
28	15.233	2231	2235	2239	rVB	270873	306891	28.88%	2.447%
29	15.627	2298	2302	2305	rBV	259431	356751	33.58%	2.845%
30	15.663	2305	2308	2313	rVB	291451	368157	34.65%	2.936%
31	16.086	2375	2380	2387	rVB	200013	295047	27.77%	2.353%
32	16.615	2466	2470	2477	rVB2	88869	154467	14.54%	1.232%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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

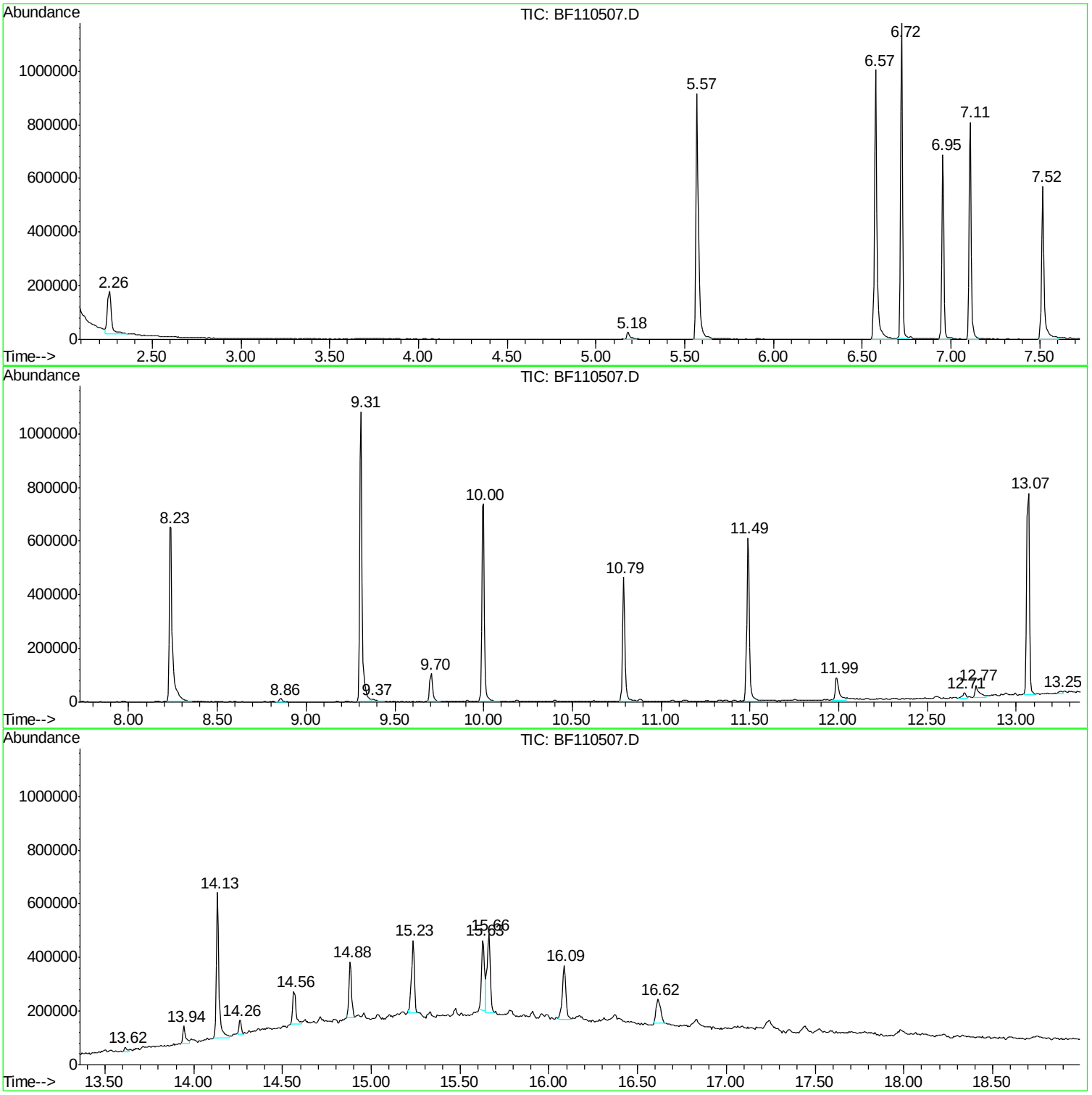
Sum of corrected areas: 12541280

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-S

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\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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

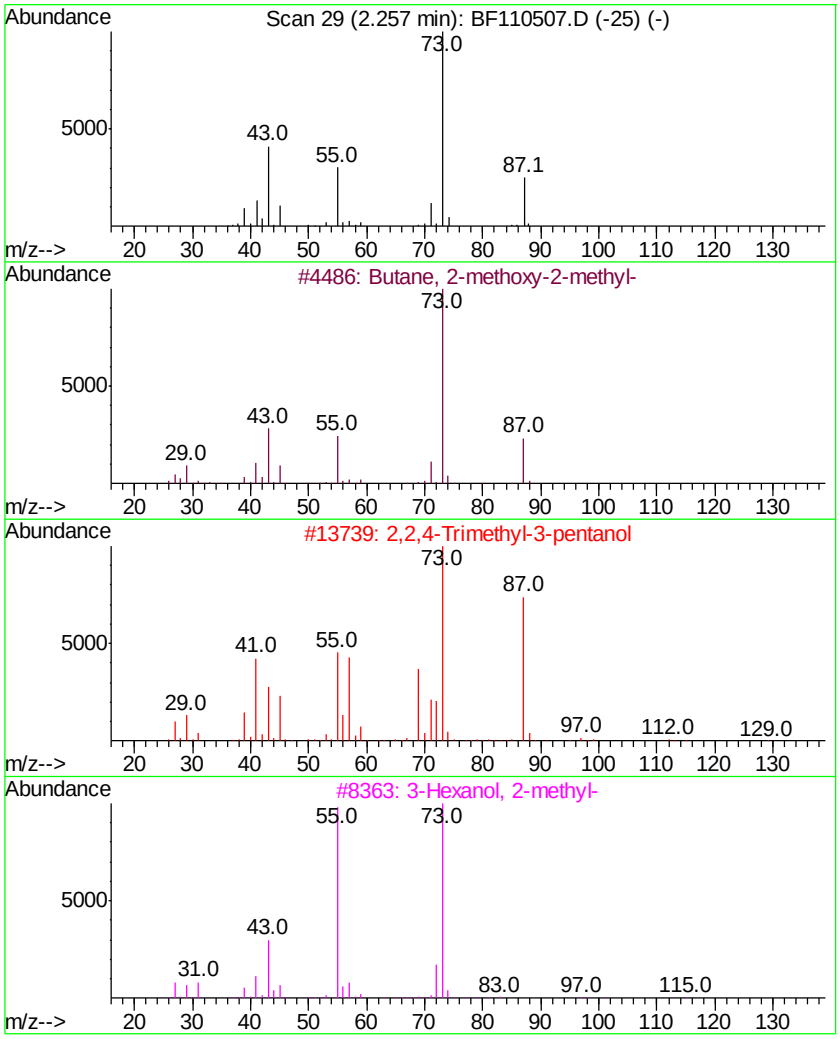
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

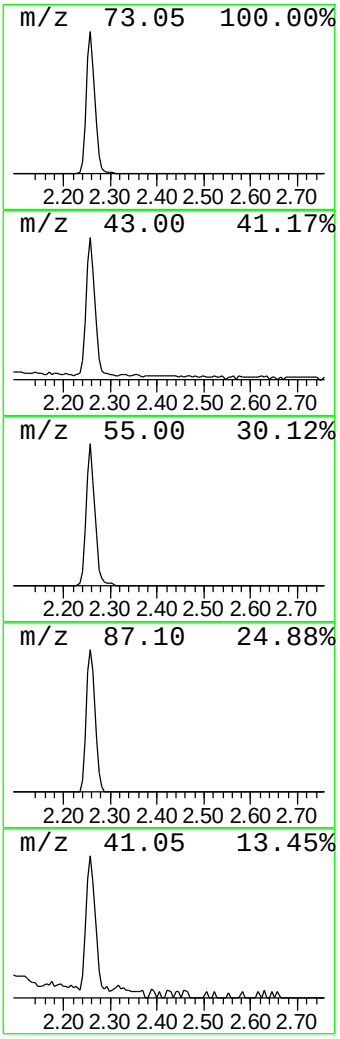
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	7.68 ng	233306	1,4-Dichlorobenzene-d4	6.95

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	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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

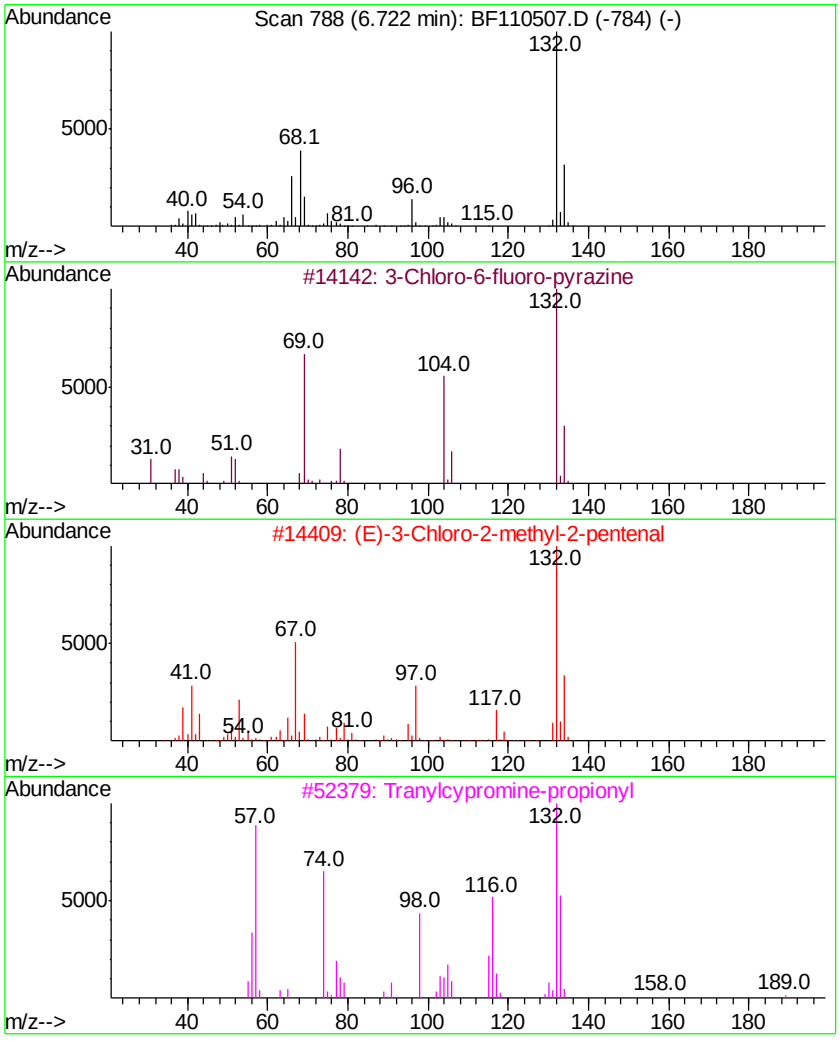
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

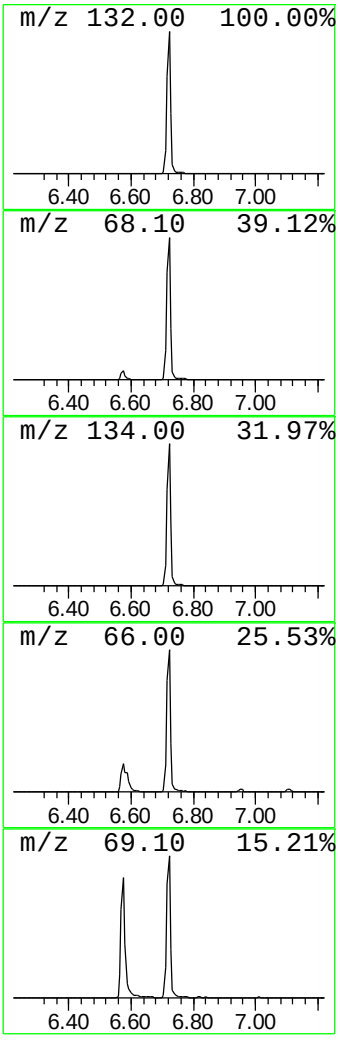
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	32.85 ng	998431	1,4-Dichlorobenzene-d4	6.95

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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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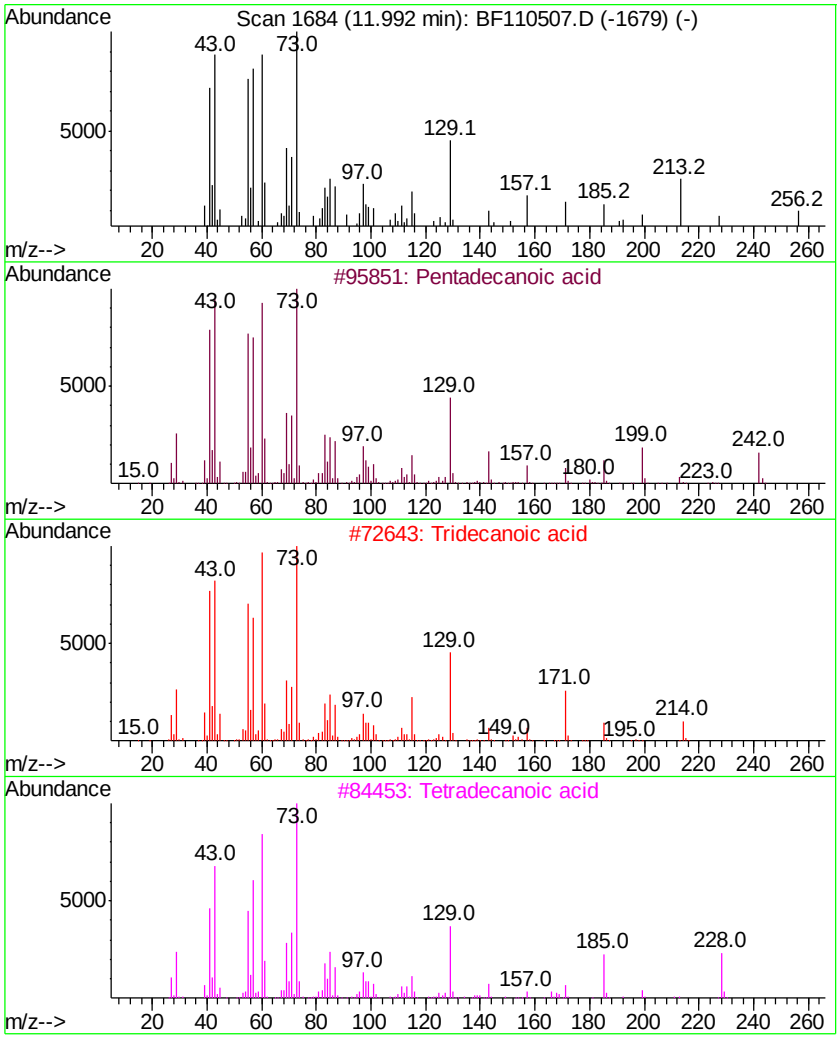
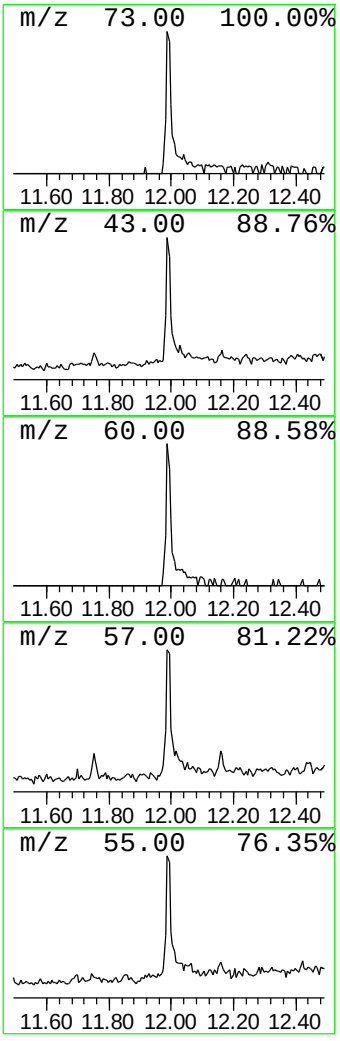
Peak Number 4 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.59 ng	115413	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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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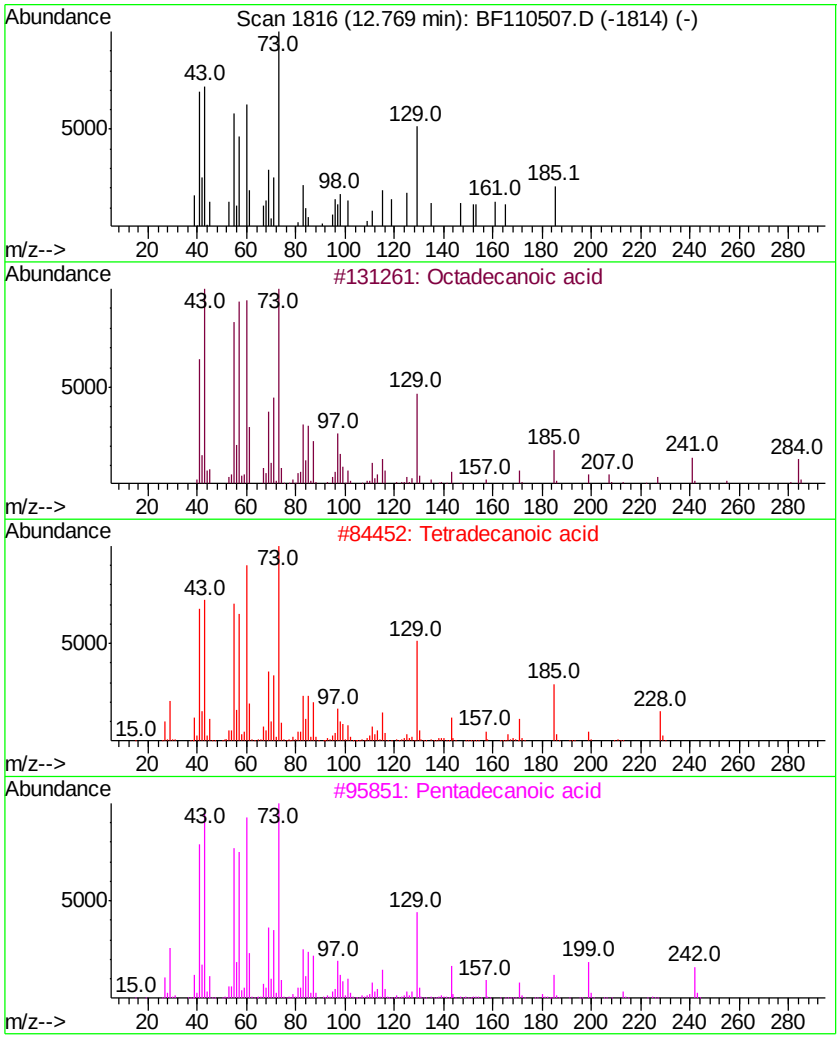
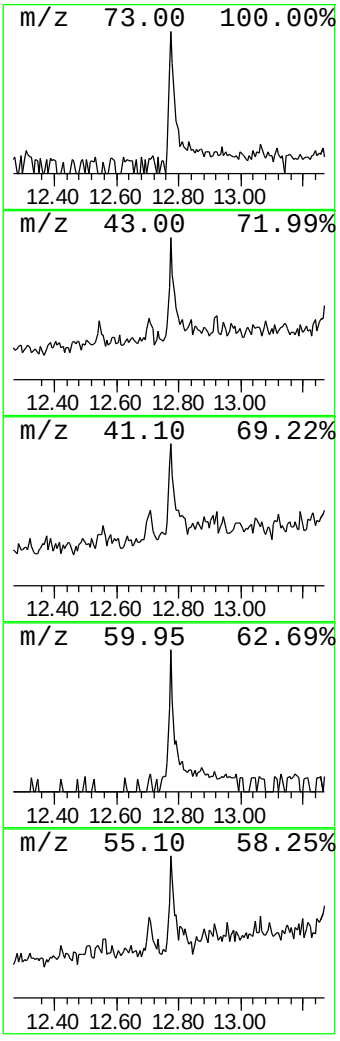
Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.18 ng	69948	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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

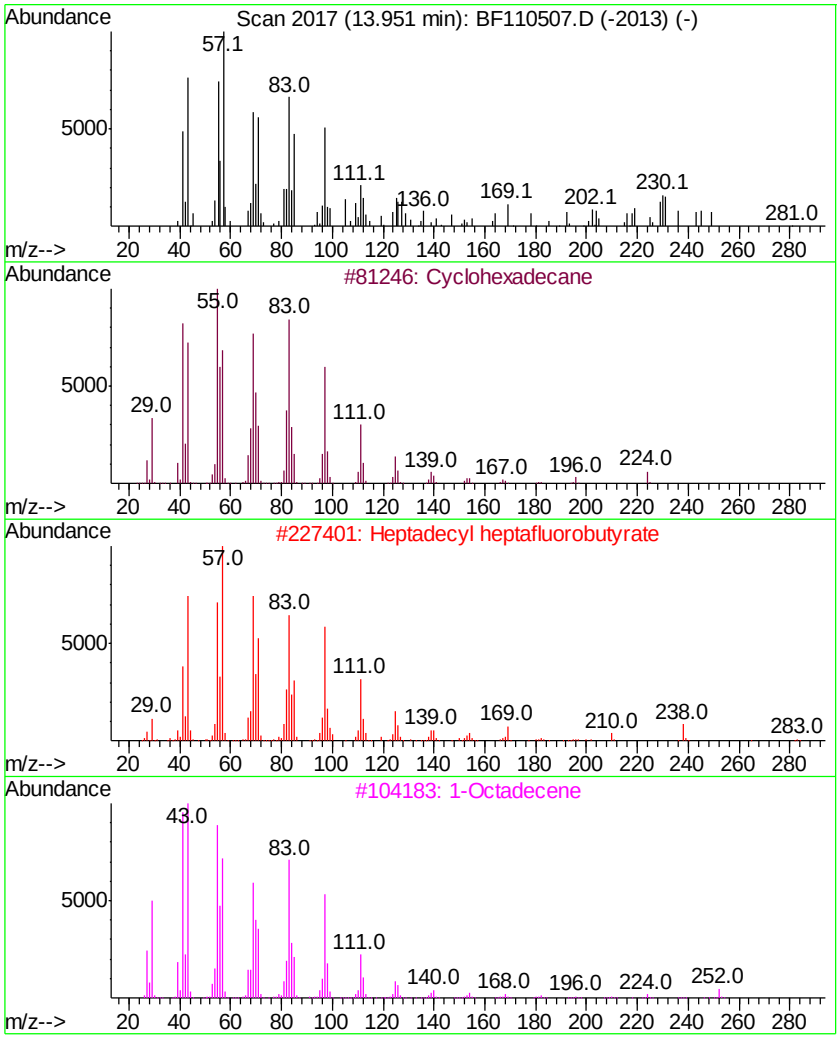
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

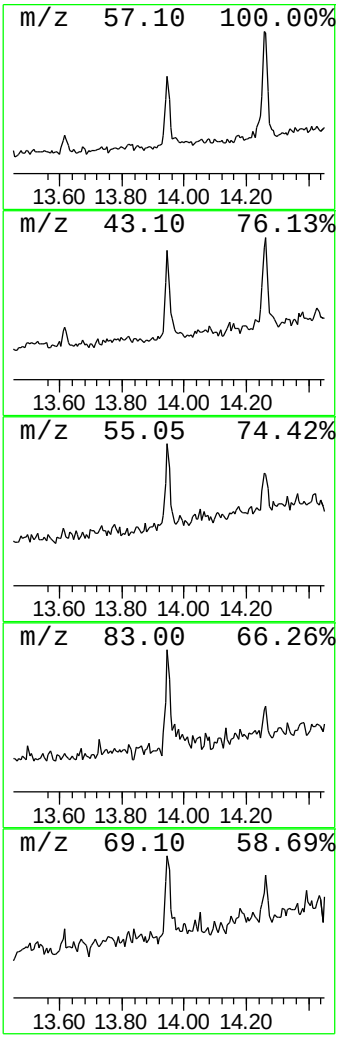
****

Peak Number 6 Cyclohexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.67 ng	75954	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
3	1-Octadecene	252	C18H36	000112-88-9	64
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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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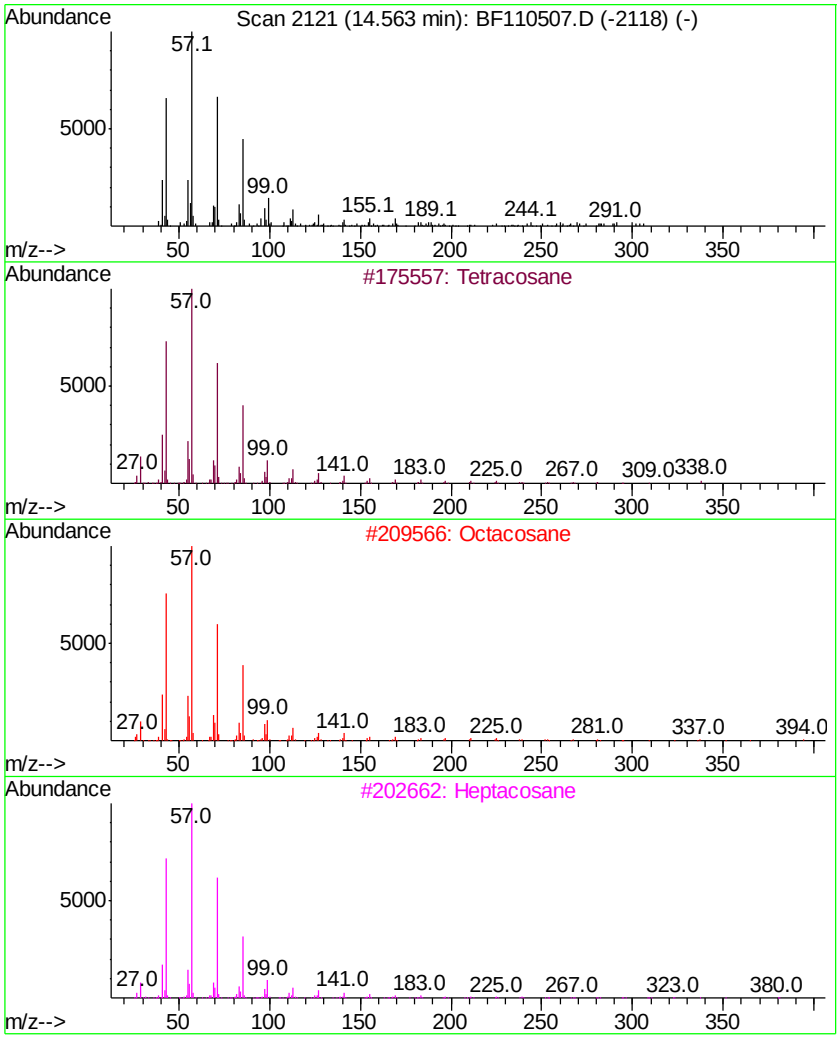
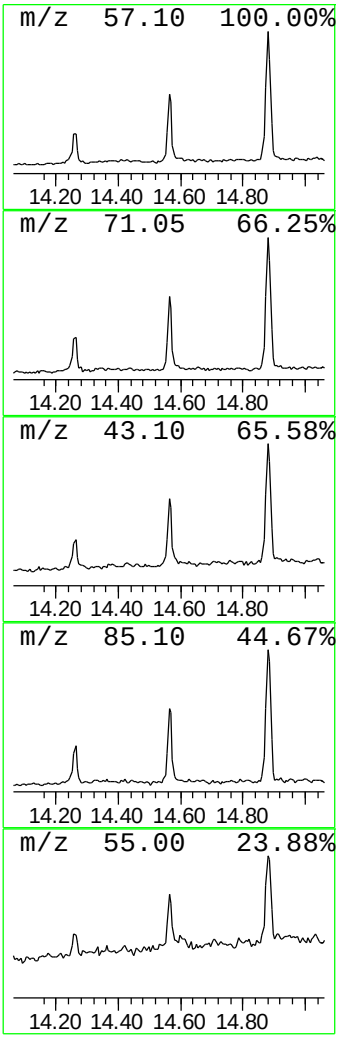
Peak Number 7 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	4.90 ng	139254	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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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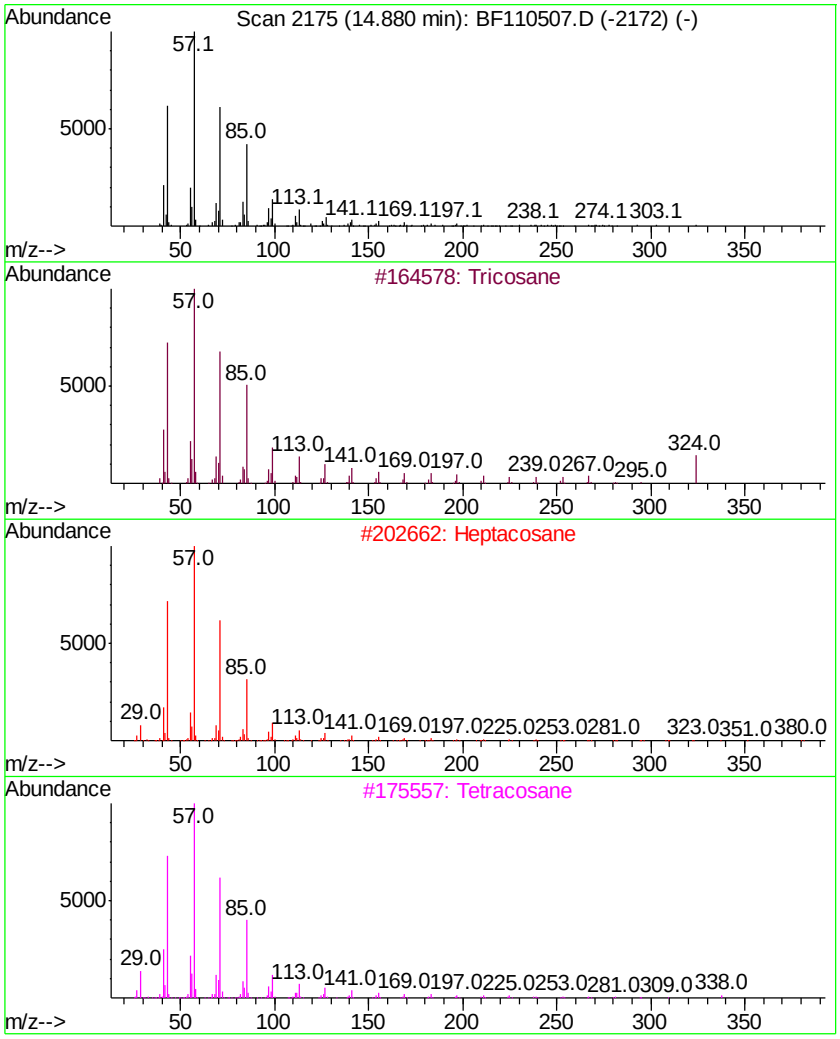
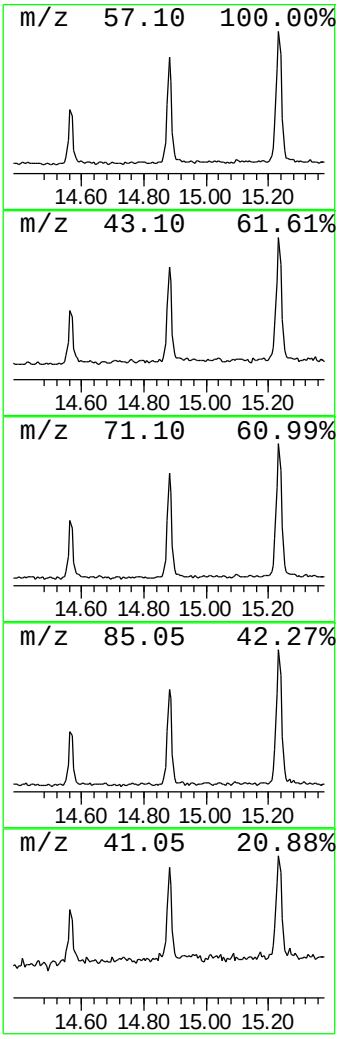
Peak Number 8 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.71 ng	219041	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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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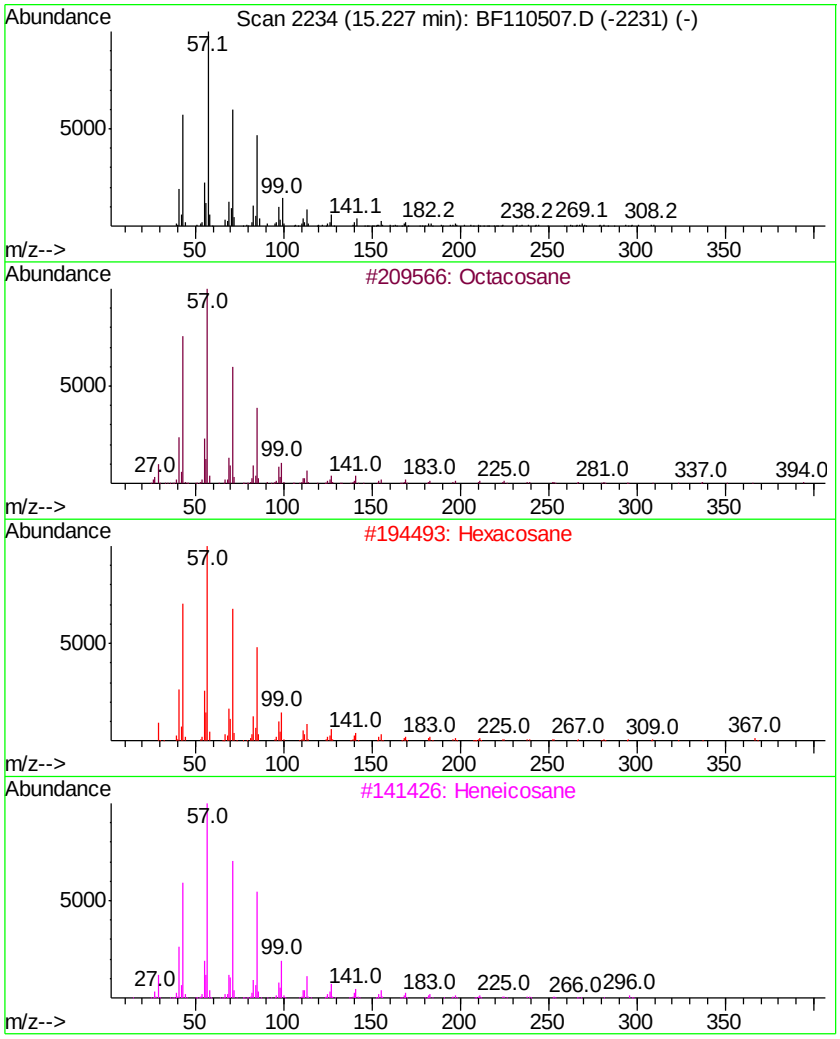
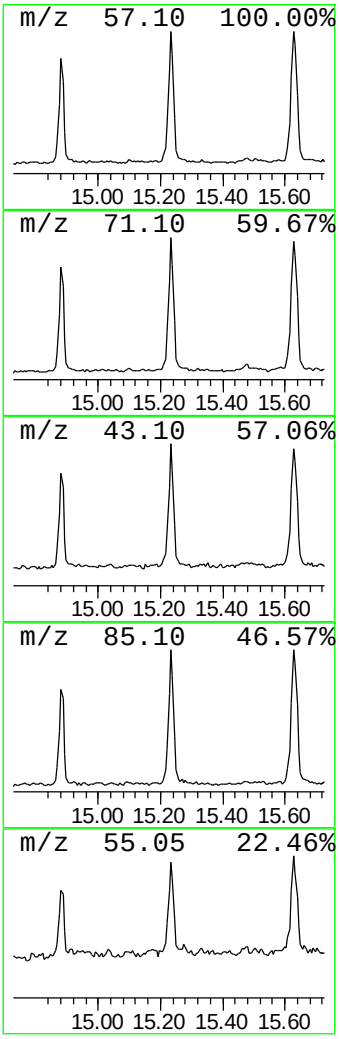
Peak Number 9 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	16.67 ng	306891	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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

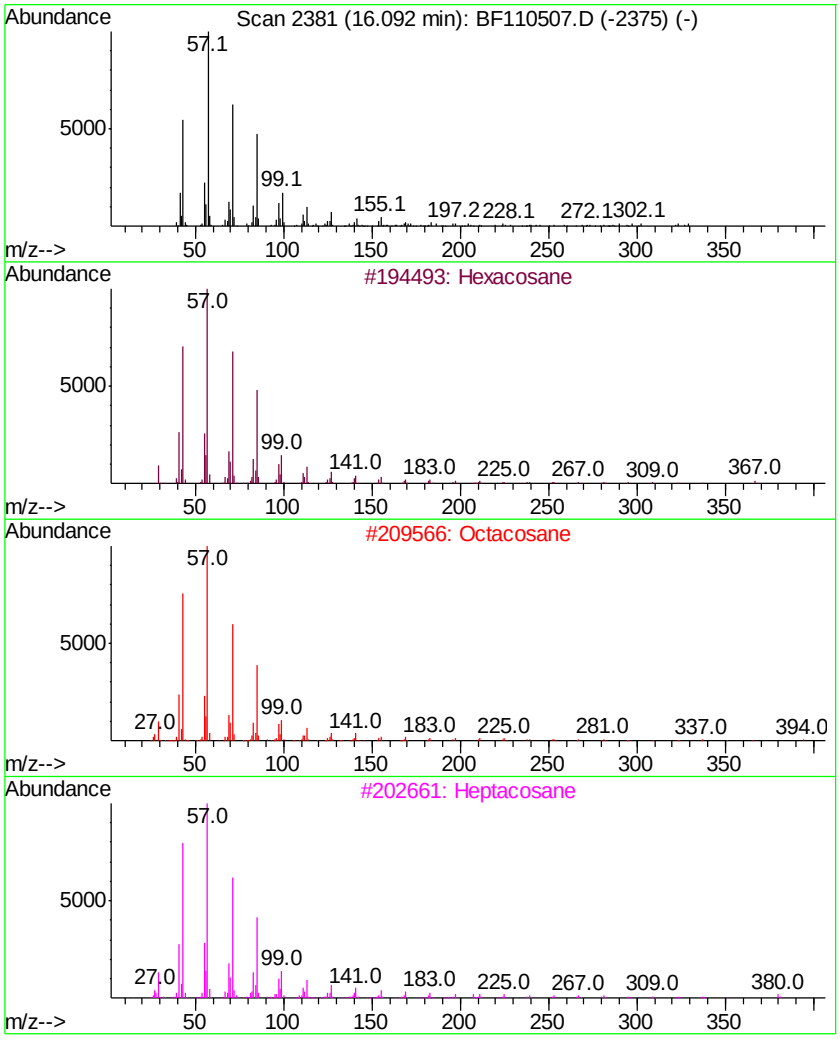
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

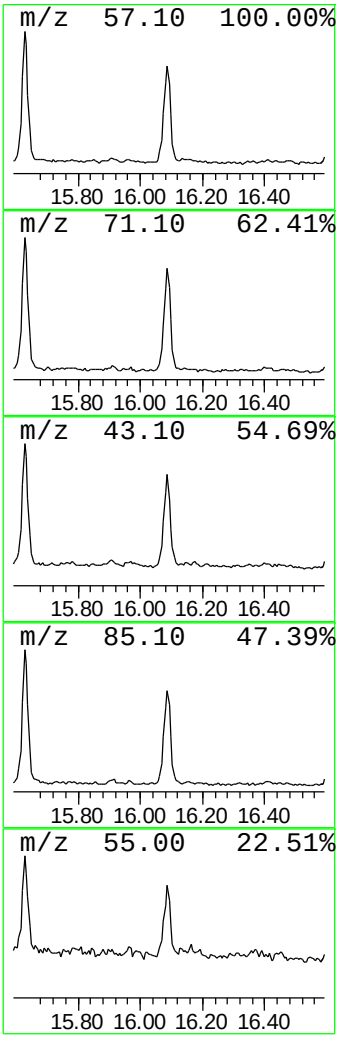
****

Peak Number 10 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	16.03 ng	295047	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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

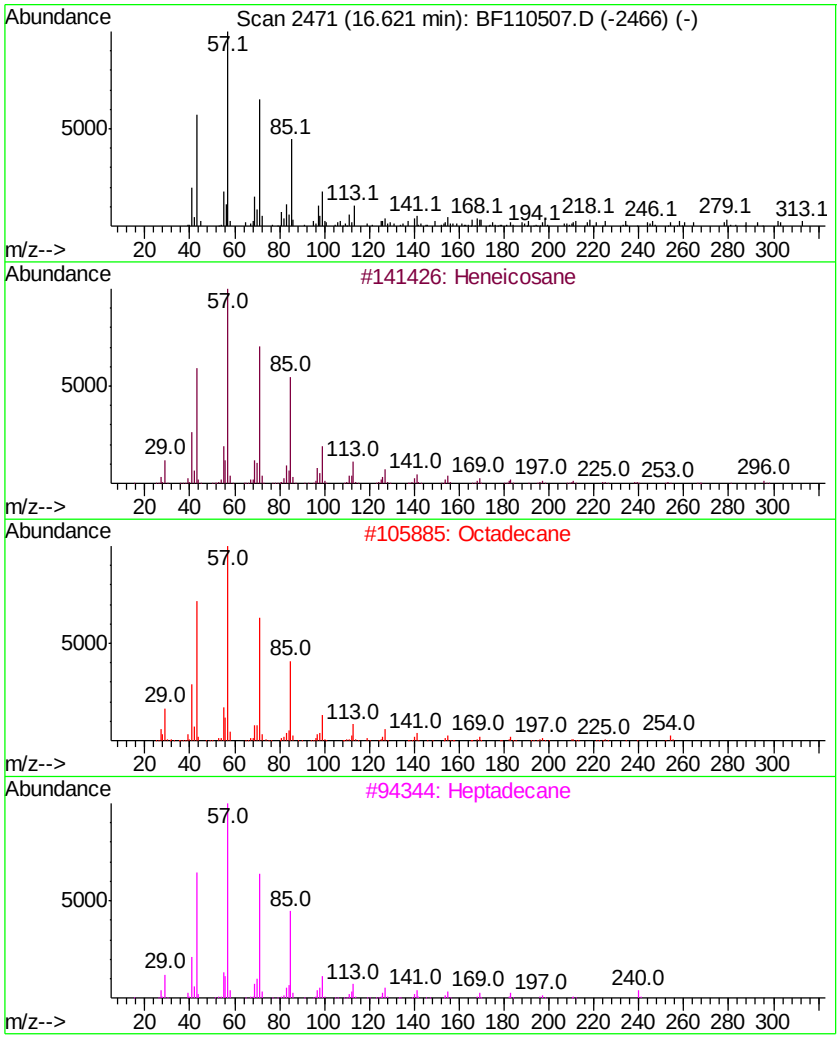
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

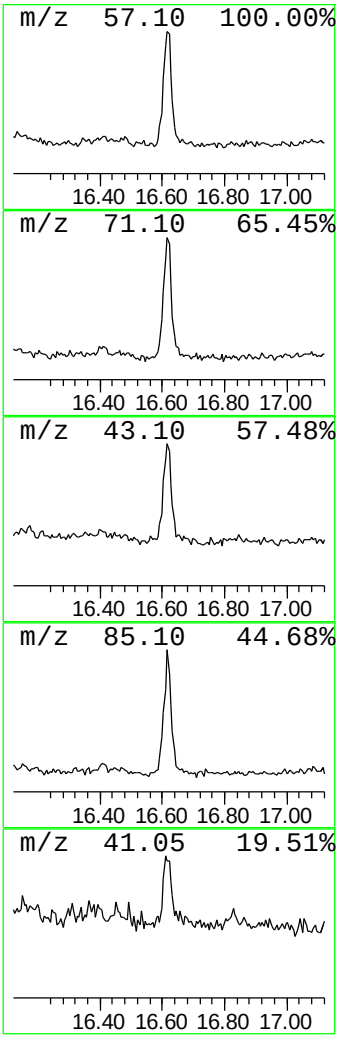
****

Peak Number 11 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	8.39 ng	154467	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Octadecane	254	C18H38	000593-45-3	96
3	Heptadecane	240	C17H36	000629-78-7	95
4	Pentadecane	212	C15H32	000629-62-9	93
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110618\
Data File : BF110507.D
Acq On : 6 Nov 2018 11:37
Operator : JU/SJ
Sample : J5816-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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...	2.26	7.7	ng	233306	1	6.95	607834	20.0
unknown6.72	6.72	32.9	ng	998431	1	6.95	607834	20.0
Pentadecanoic acid	11.99	3.6	ng	115413	4	11.49	642795	20.0
Octadecanoic acid	12.77	2.2	ng	69948	4	11.49	642795	20.0
Cyclohexadecane	13.95	2.7	ng	75954	5	14.13	567969	20.0
Tetracosane	14.56	4.9	ng	139254	5	14.13	567969	20.0
Tricosane	14.88	7.7	ng	219041	5	14.13	567969	20.0
Octacosane	15.23	16.7	ng	306891	6	15.66	368157	20.0
Hexacosane	16.09	16.0	ng	295047	6	15.66	368157	20.0
Heneicosane	16.62	8.4	ng	154467	6	15.66	368157	20.0