LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

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-BF042219.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	5.516	578	583	586	rBV	2483451	2529932	61.15%	8.052%
2	6.522	749	754	757	rBV	2405545	2661822	64.34%	8.472%
3	6.669	774	779	782	rBV	2832950	2781193	67.23%	8.852%
4	6.893	814	817	821	rBV	730236	619848	14.98%	1.973%
5	7.051	840	844	848	rBV	2455844	2170973	52.48%	6.910%
6	7.451	907	912	915	rBV	1730583	1669839	40.36%	5.315%
7	8.175	1032	1035	1051	rVB	882582	799084	19.32%	2.543%
8	9.251	1214	1218	1221	rBV	3806814	3273997	79.14%	10.421%
9	9.369	1233	1238	1250	rVB	126346	150124	3.63%	0.478%
10	9.639	1281	1284	1294	rVB	298484	276121	6.67%	0.879%
11	9.934	1330	1334	1345	rBV	1050598	1006975	24.34%	3.205%
12	10.716	1463	1467	1484	rBV	2393326	2533782	61.25%	8.065%
13	11.416	1582	1586	1589	rBV	1335874	1164395	28.15%	3.706%
14	11.439	1589	1590	1593	rVB	81381	43999	1.06%	0.140%
15	11.939	1669	1675	1683	rBV2	250033	264761	6.40%	0.843%
16	12.545	1767	1778	1789	rBV8	106321	556594	13.45%	1.772%
17	12.627	1789	1792	1795	rVV	149539	163542	3.95%	0.521%
18	12.657	1795	1797	1805	rVB2	104046	110611	2.67%	0.352%
19	12.722	1805	1808	1816	rBV	83693	101177	2.45%	0.322%
20	12.857	1826	1831	1833	rBV	109684	132563	3.20%	0.422%
21	12.998	1851	1855	1859	rBV	4087660	4137095	100.00%	13.168%
22	13.227	1891	1894	1897	rBV	87659	85507	2.07%	0.272%
23	13.533	1944	1946	1949	rVB	82685	73065	1.77%	0.233%
24	13.569	1949	1952	1955	rBV	141941	130438	3.15%	0.415%
25	13.898	2005	2008	2015	rVB	200724	179658	4.34%	0.572%
26	14.004	2015	2026	2028	rBV7	54514	149523	3.61%	0.476%
27	14.051	2029	2034	2037	rBV	1425235	1324093	32.01%	4.214%
28	14.216	2058	2062	2069	rBV	162277	142060	3.43%	0.452%
29	14.521	2109	2114	2119	rBV	147036	138378	3.34%	0.440%
30	14.833	2163	2167	2176	rVB2	111190	125720	3.04%	0.400%
31	15.098	2207	2212	2221	rBV	61330	126344	3.05%	0.402%
32	15.174	2221	2225	2229	rBV	106691	121717	2.94%	0.387%
33	15.404	2260	2264	2270	rVB	36566	48649	1.18%	0.155%
34	15.463	2270	2274	2279	rVV	49621	61810	1.49%	0.197%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.533	2280	2286	2289	rVV	970639	1256625	30.37%	4.000%
36	15.557	2289	2290	2298	rVB	119668	132774	3.21%	0.423%
37	16.004	2361	2366	2372	rVB	67685	104899	2.54%	0.334%
38	16.521	2449	2454	2461	rVB	40894	68605	1.66%	0.218%

Sum of corrected areas: 31418292

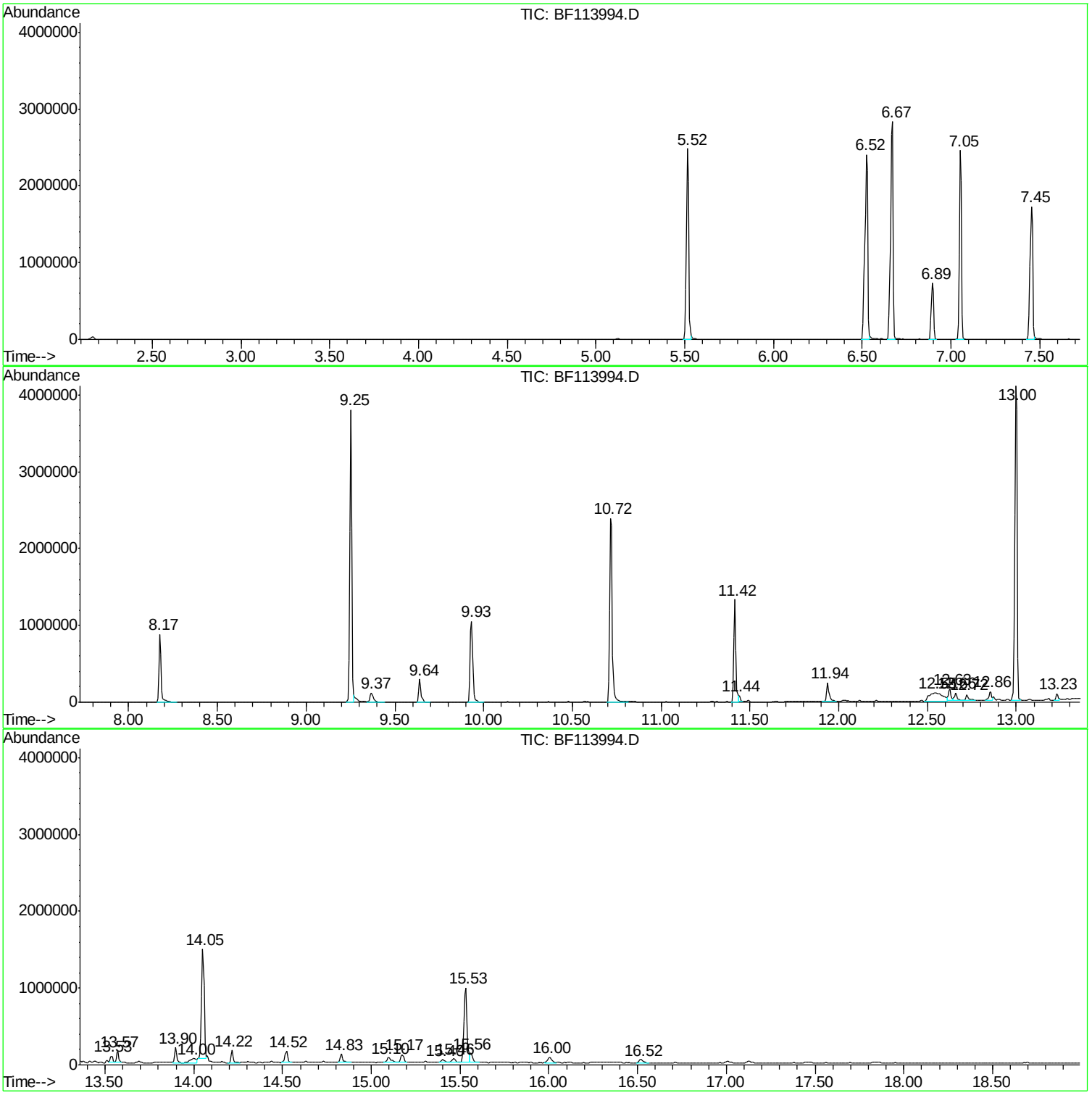
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

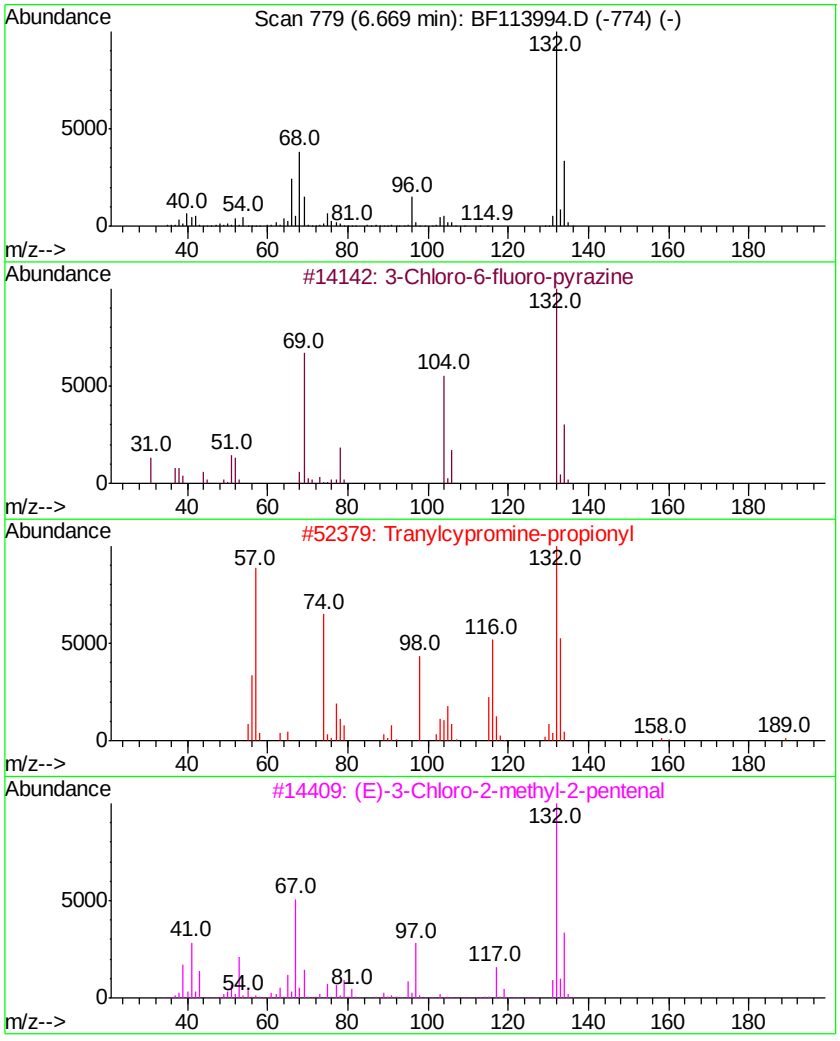
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

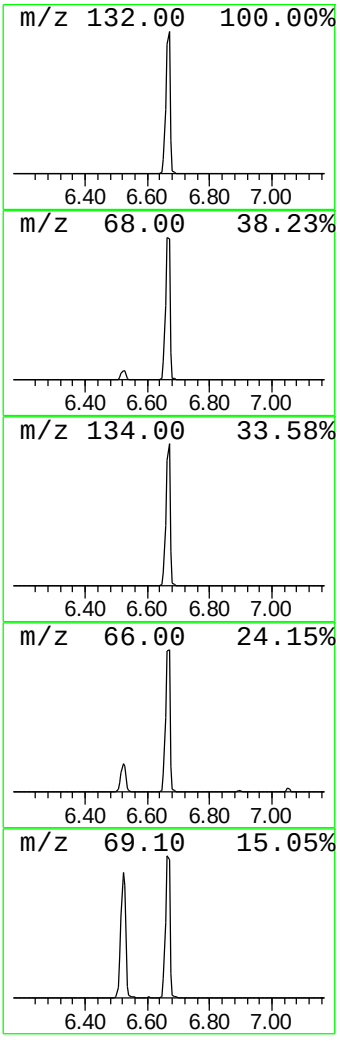
****

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	89.74 ng	2781190	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
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Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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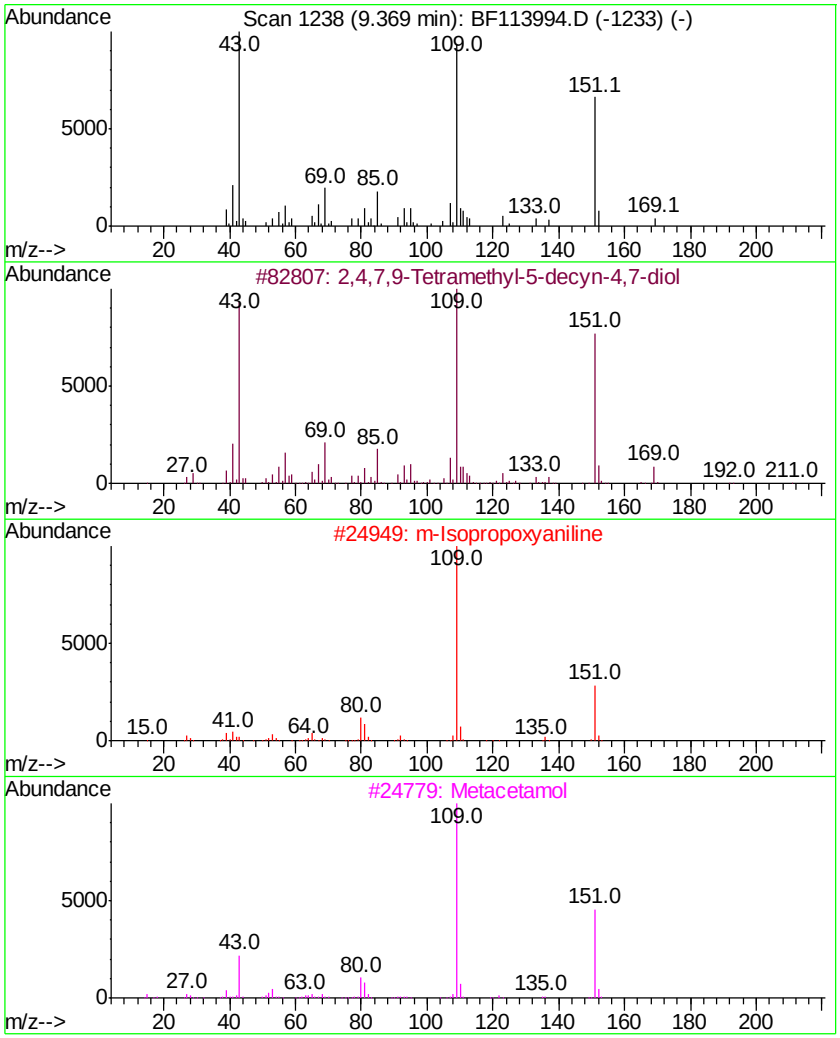
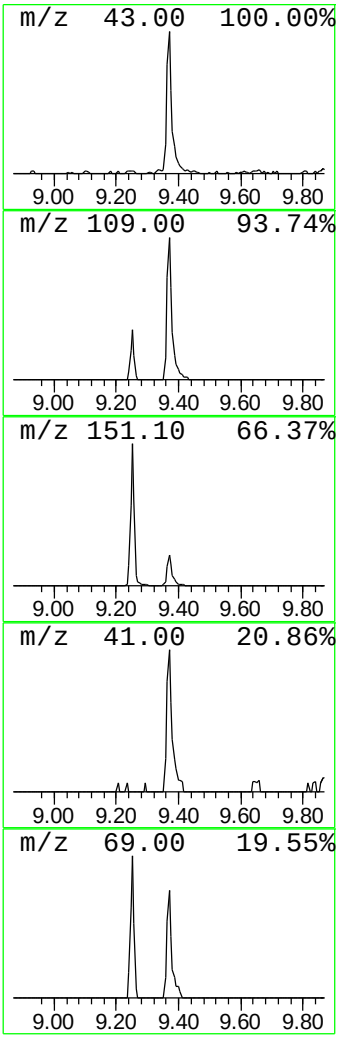
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.98 ng	150124	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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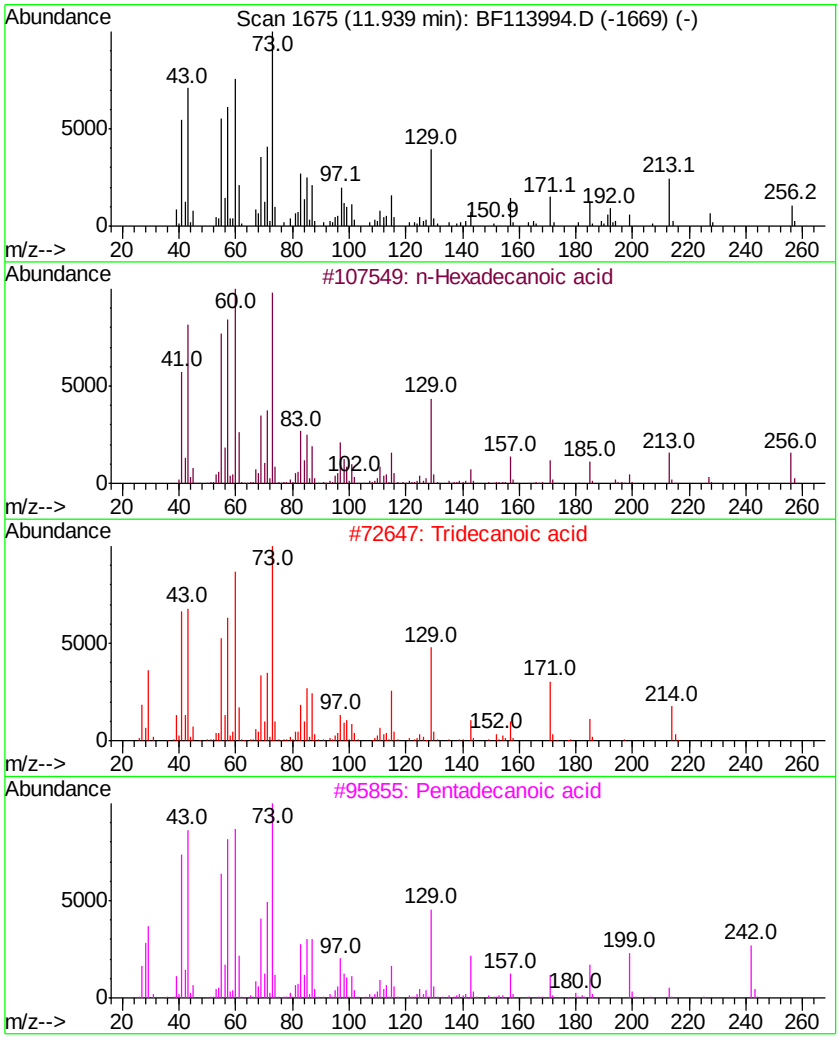
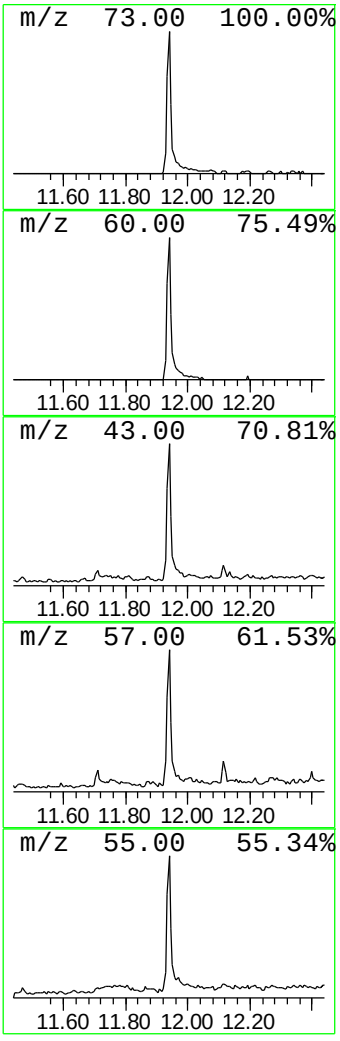
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.55 ng	264761	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

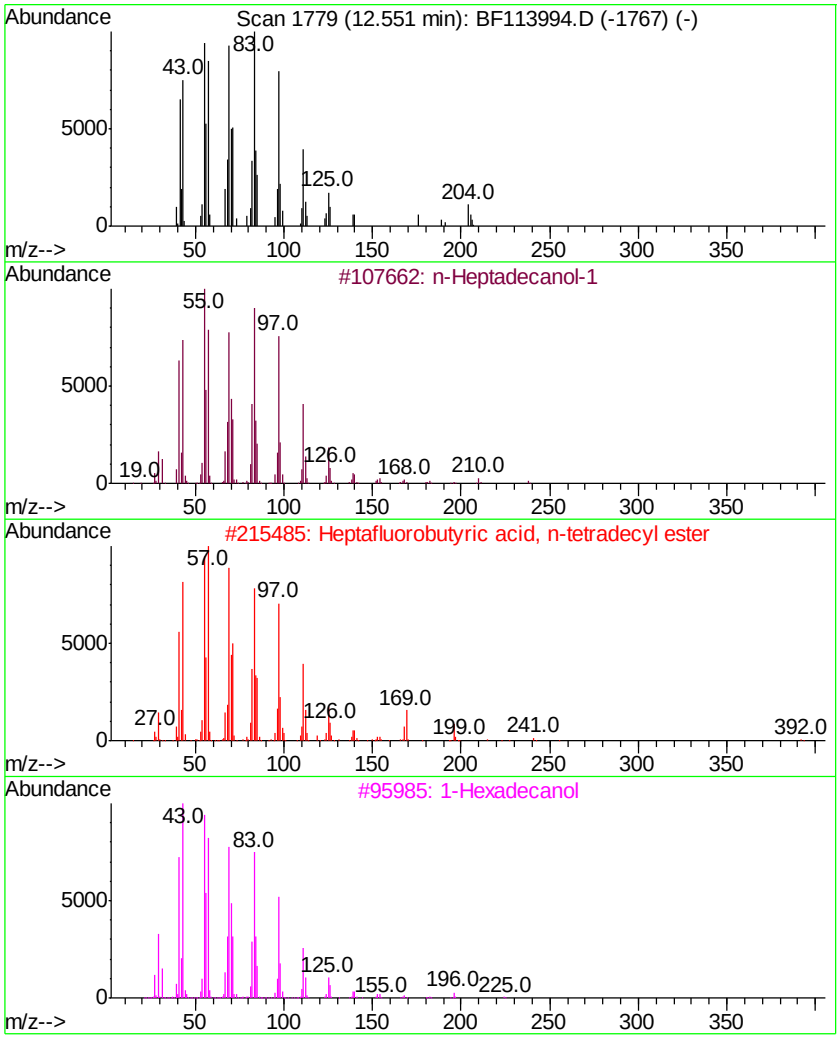
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

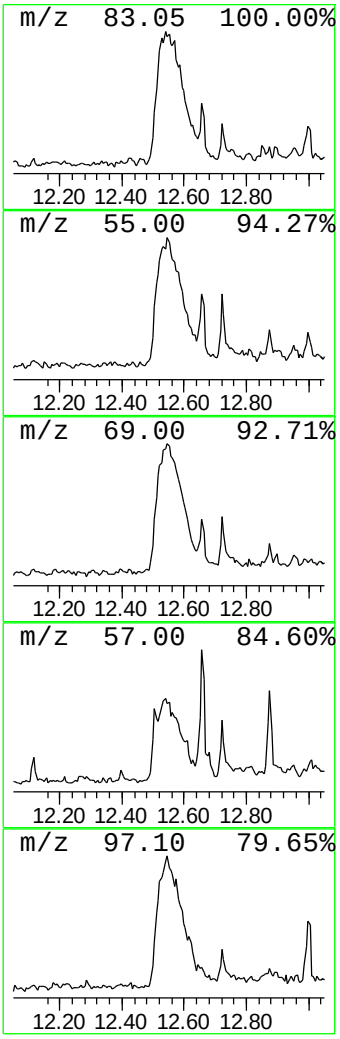
****

Peak Number 5 n-Heptadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	9.56 ng	556594	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

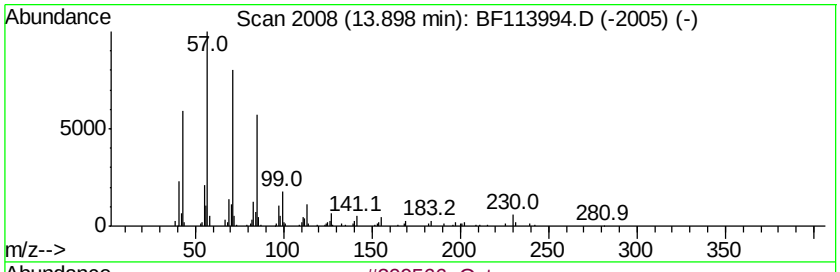
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

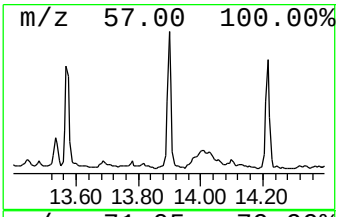
****

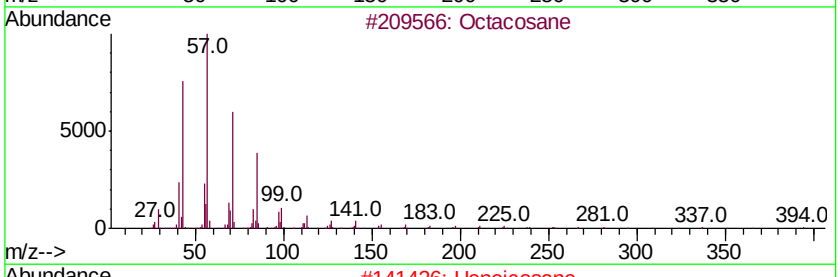
Peak Number 7 Octacosane Concentration Rank 6

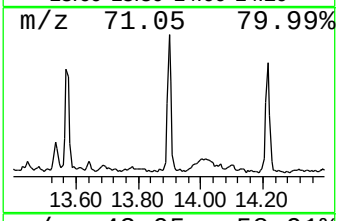
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.71 ng	179658	Chrysene-d12	14.05

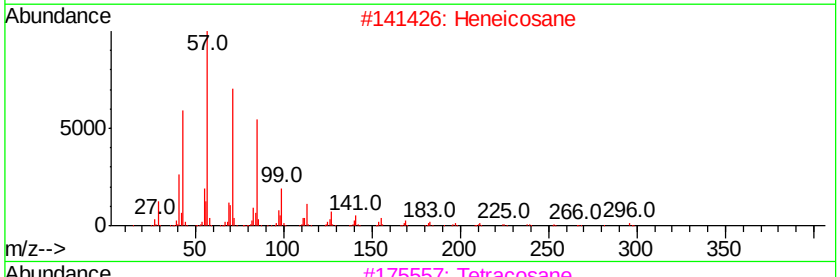
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Heptadecane	240	C17H36	000629-78-7	91

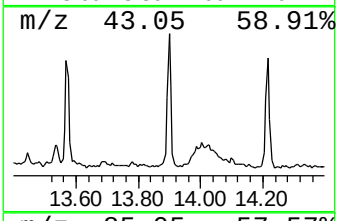


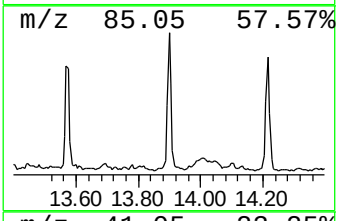


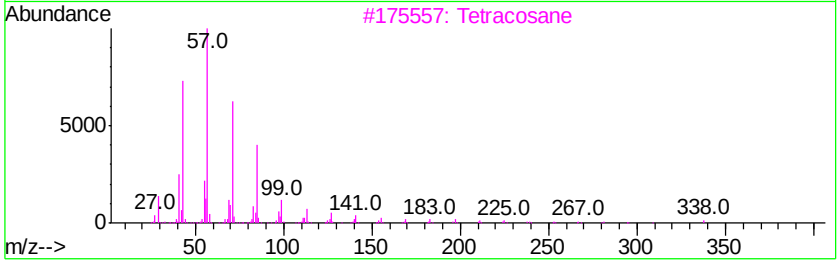


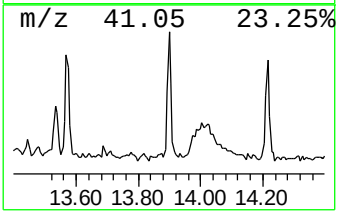












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ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

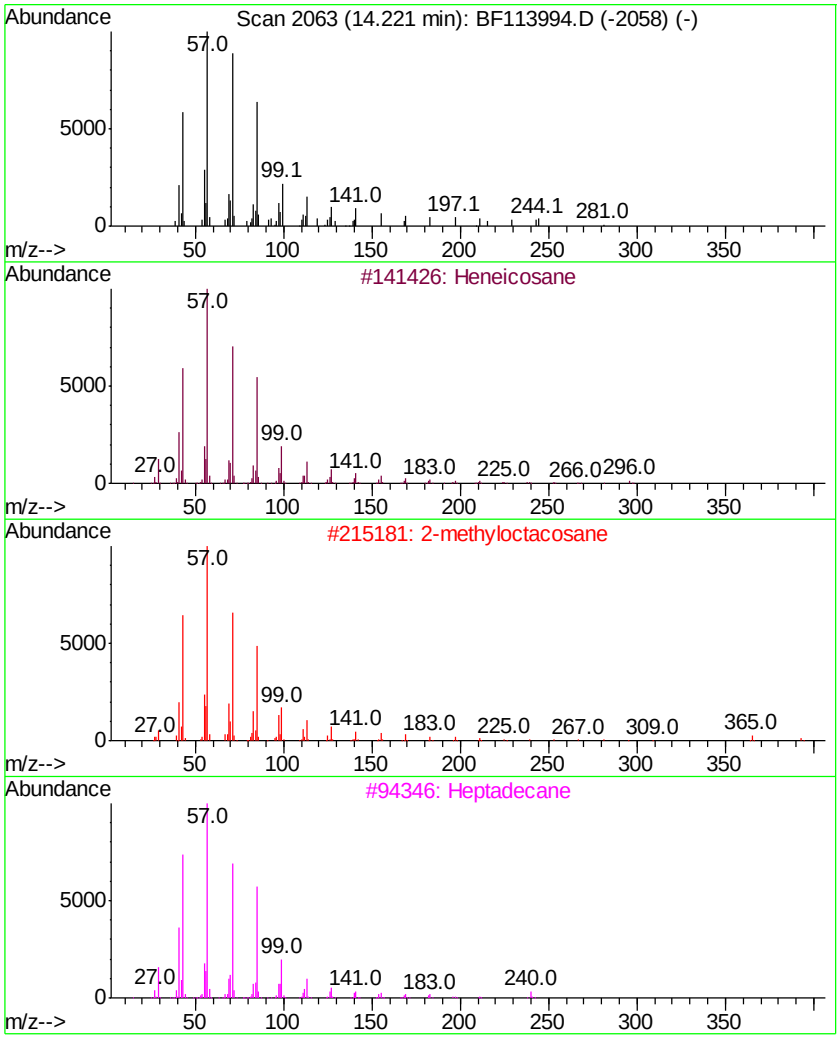
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

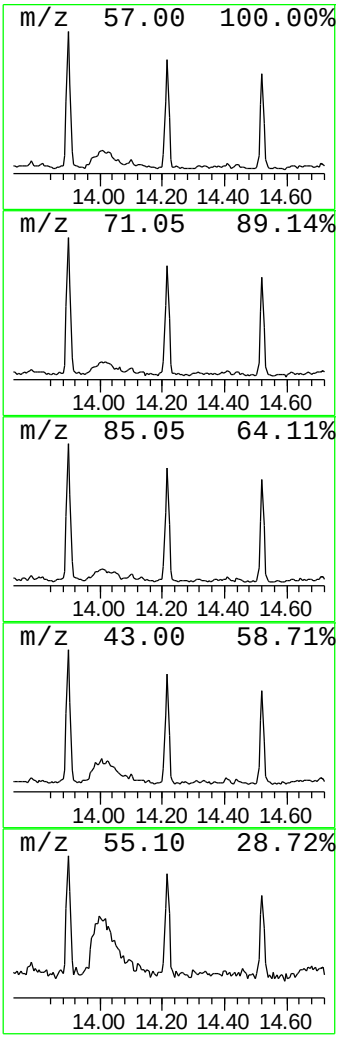
****

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.15 ng	142060	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : K2522-07
Misc :
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Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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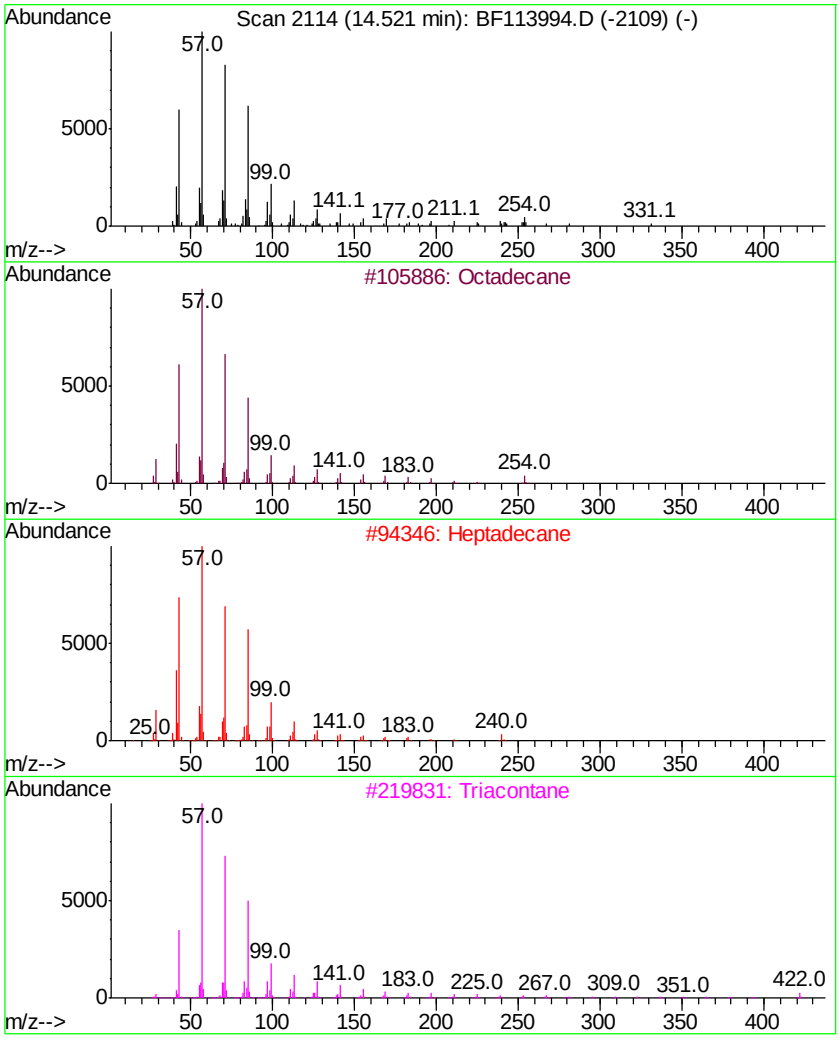
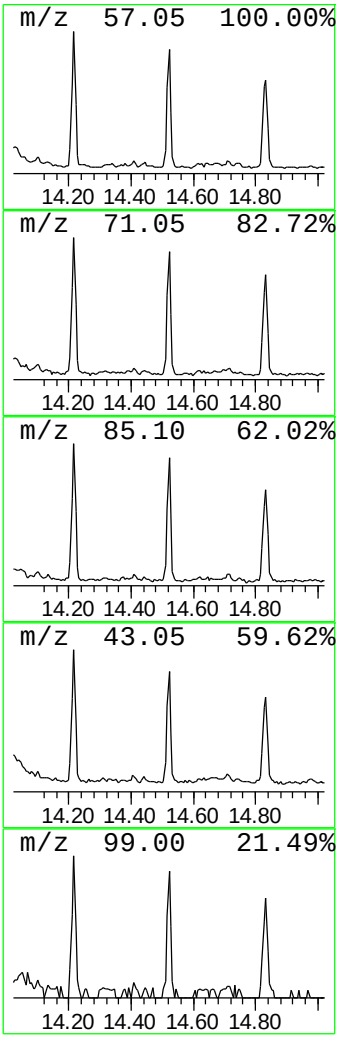
Peak Number 9 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.09 ng	138378	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane	240	C17H36	000629-78-7	92
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
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Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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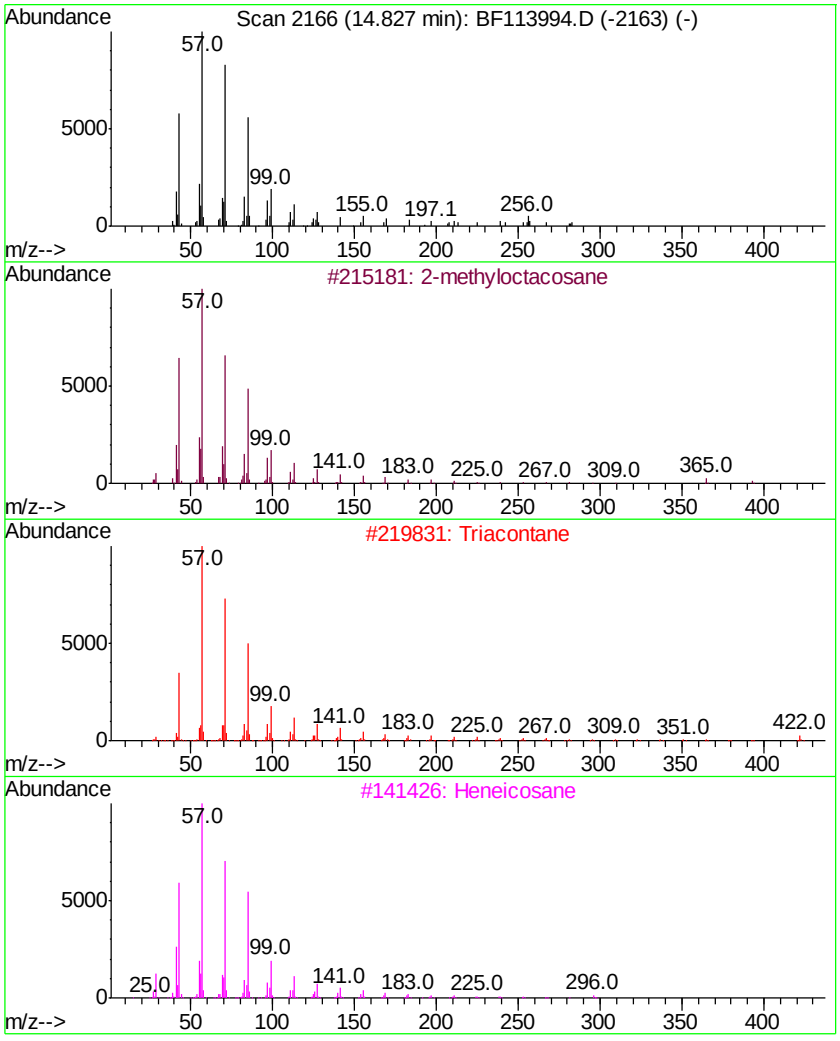
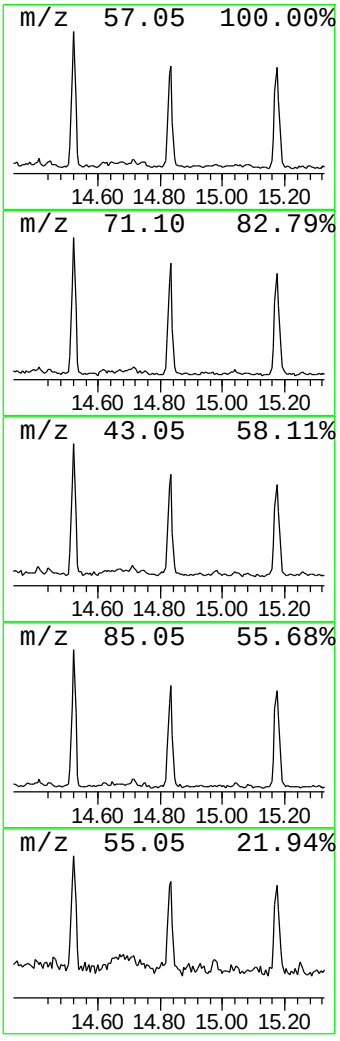
Peak Number 10 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.00 ng	125720	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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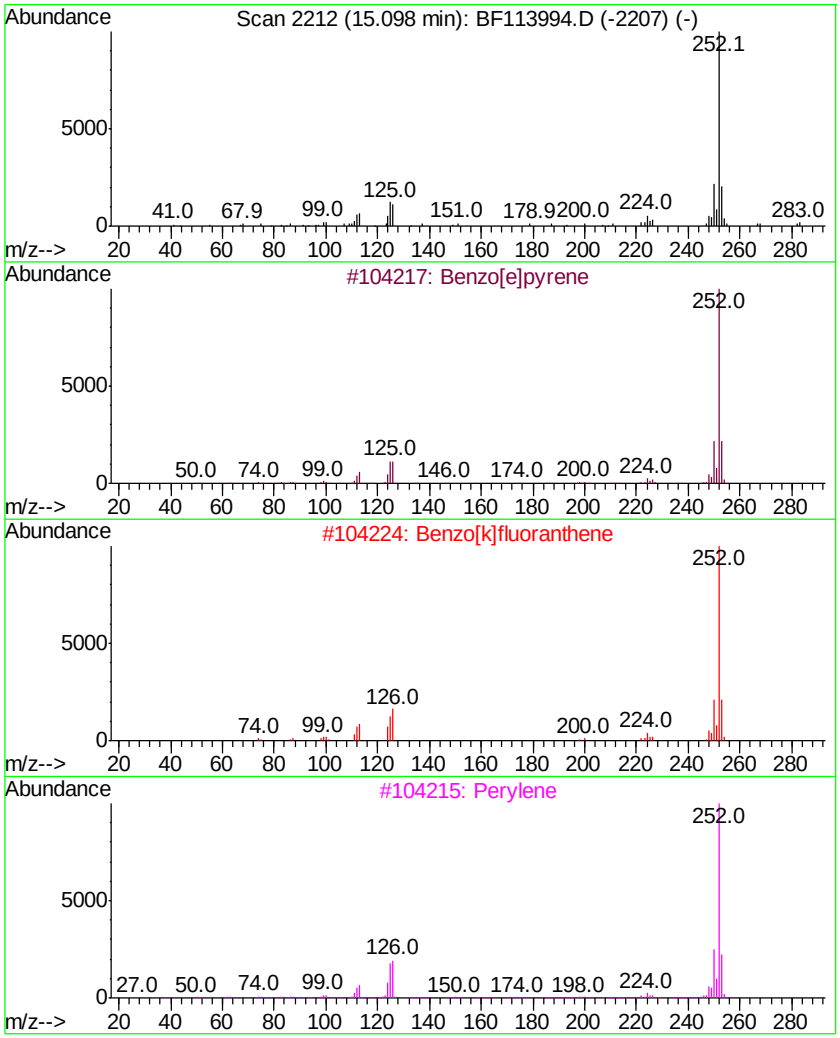
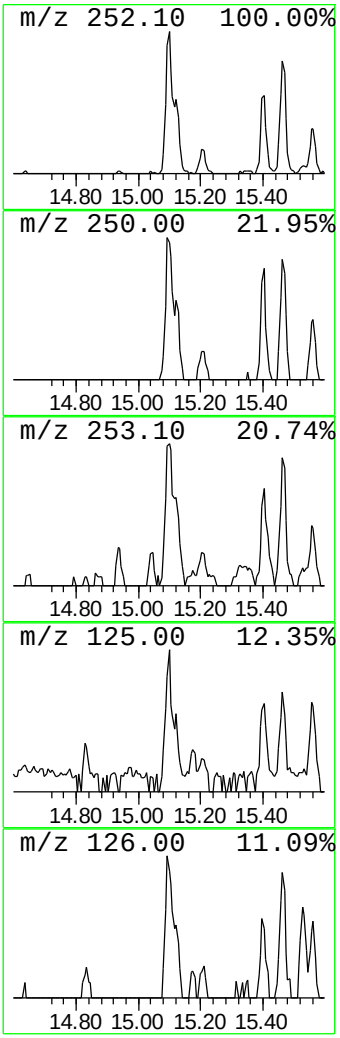
Peak Number 11 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.01 ng	126344	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042519\
Data File : BF113994.D
Acq On : 25 Apr 2019 22:39
Operator : JU/SJ
Sample : K2522-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURY

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.67	6.67	89.7	ng	2781190	1	6.89	619848	20.0
2,4,7,9-Tetrameth...	9.37	3.0	ng	150124	3	9.93	1006980	20.0
n-Hexadecanoic acid	11.94	4.5	ng	264761	4	11.42	1164400	20.0
n-Heptadecanol-1	12.55	9.6	ng	556594	4	11.42	1164400	20.0
Octacosane	13.90	2.7	ng	179658	5	14.05	1324090	20.0
Heneicosane	14.22	2.1	ng	142060	5	14.05	1324090	20.0
Octadecane	14.52	2.1	ng	138378	5	14.05	1324090	20.0
2-methyloctacosane	14.83	2.0	ng	125720	6	15.53	1256630	20.0
Benzo[e]pyrene	15.10	2.0	ng	126344	6	15.53	1256630	20.0