LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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	29	rVB2	62780	98240	3.22%	0.291%
2	3.434	226	229	238	rBV	25473	58193	1.91%	0.172%
3	5.116	508	515	522	rBV	157200	183211	6.01%	0.543%
4	5.534	581	586	589	rBV	2765800	2729719	89.52%	8.088%
5	6.534	751	756	761	rBV	3080600	3049303	100.00%	9.035%
6	6.675	775	780	783	rBV	3198684	2878677	94.40%	8.530%
7	6.898	815	818	822	rBV	1531154	1274014	41.78%	3.775%
8	7.057	841	845	848	rBV	2743093	2228176	73.07%	6.602%
9	7.457	908	913	916	rBV	2065218	1770928	58.08%	5.247%
10	7.928	989	993	996	rVB	163262	134569	4.41%	0.399%
11	8.180	1032	1036	1040	rBV	1829678	1562339	51.24%	4.629%
12	9.251	1214	1218	1222	rBV	3150717	2883566	94.56%	8.544%
13	9.645	1281	1285	1289	rVB	314604	281340	9.23%	0.834%
14	9.933	1330	1334	1338	rBV	1693790	1570842	51.51%	4.655%
15	10.369	1405	1408	1410	rVB	62179	48797	1.60%	0.145%
16	10.586	1440	1445	1451	rBV2	26758	42531	1.39%	0.126%
17	10.721	1464	1468	1471	rBV	2050257	1700903	55.78%	5.040%
18	10.839	1485	1488	1496	rVB	110506	123007	4.03%	0.364%
19	11.286	1558	1564	1567	rBV	109660	117784	3.86%	0.349%
20	11.316	1567	1569	1574	rVB	39583	44172	1.45%	0.131%
21	11.421	1583	1587	1589	rBV	1690913	1398789	45.87%	4.145%
22	11.445	1589	1591	1594	rVV	164422	144483	4.74%	0.428%
23	11.492	1597	1599	1602	rVB	36249	31933	1.05%	0.095%
24	11.645	1620	1625	1627	rBV4	29774	39408	1.29%	0.117%
25	11.716	1634	1637	1641	rBV	95002	82736	2.71%	0.245%
26	11.945	1673	1676	1680	rBV2	399082	314327	10.31%	0.931%
27	12.033	1688	1691	1694	rBV2	41099	38315	1.26%	0.114%
28	12.121	1703	1706	1711	rBV	104473	95624	3.14%	0.283%
29	12.468	1762	1765	1768	rVB2	34678	33625	1.10%	0.100%
30	12.510	1768	1772	1775	rBV	94832	104441	3.43%	0.309%
31	12.557	1778	1780	1784	rVB4	42932	48087	1.58%	0.142%
32	12.633	1790	1793	1796	rBV	402796	343493	11.26%	1.018%
33	12.727	1806	1809	1813	rBV	142943	139320	4.57%	0.413%
34	12.863	1827	1832	1834	rBV	334532	339988	11.15%	1.007%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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	2689761	2304313	75.57%	6.828%
36	13.239	1893	1896	1898	rBV	60602	64445	2.11%	0.191%
37	13.515	1941	1943	1948	rBV2	52563	62338	2.04%	0.185%
38	13.580	1951	1954	1957	rBV	90814	87951	2.88%	0.261%
39	13.692	1971	1973	1977	rBV	50285	63454	2.08%	0.188%
40	13.898	2004	2008	2012	rBV2	274157	339915	11.15%	1.007%
41	14.057	2029	2035	2038	rBV	1517198	1619148	53.10%	4.798%
42	14.080	2038	2039	2042	rVB	167144	118872	3.90%	0.352%
43	14.221	2060	2063	2068	rVB2	163997	159345	5.23%	0.472%
44	14.527	2112	2115	2120	rVB	283952	265776	8.72%	0.788%
45	14.839	2165	2168	2172	rVB	188531	177866	5.83%	0.527%
46	14.915	2179	2181	2184	rVB	81024	68610	2.25%	0.203%
47	14.986	2190	2193	2197	rVB	171186	181452	5.95%	0.538%
48	15.104	2210	2213	2216	rBV	155839	217935	7.15%	0.646%
49	15.186	2223	2227	2229	rBV	308787	405459	13.30%	1.201%
50	15.474	2273	2276	2280	rVB	120472	128760	4.22%	0.382%
51	15.539	2283	2287	2291	rBV	741530	943352	30.94%	2.795%
52	16.021	2365	2369	2374	rBV2	251181	350911	11.51%	1.040%
53	16.833	2504	2507	2515	rVB3	146346	253753	8.32%	0.752%

Sum of corrected areas: 33748535

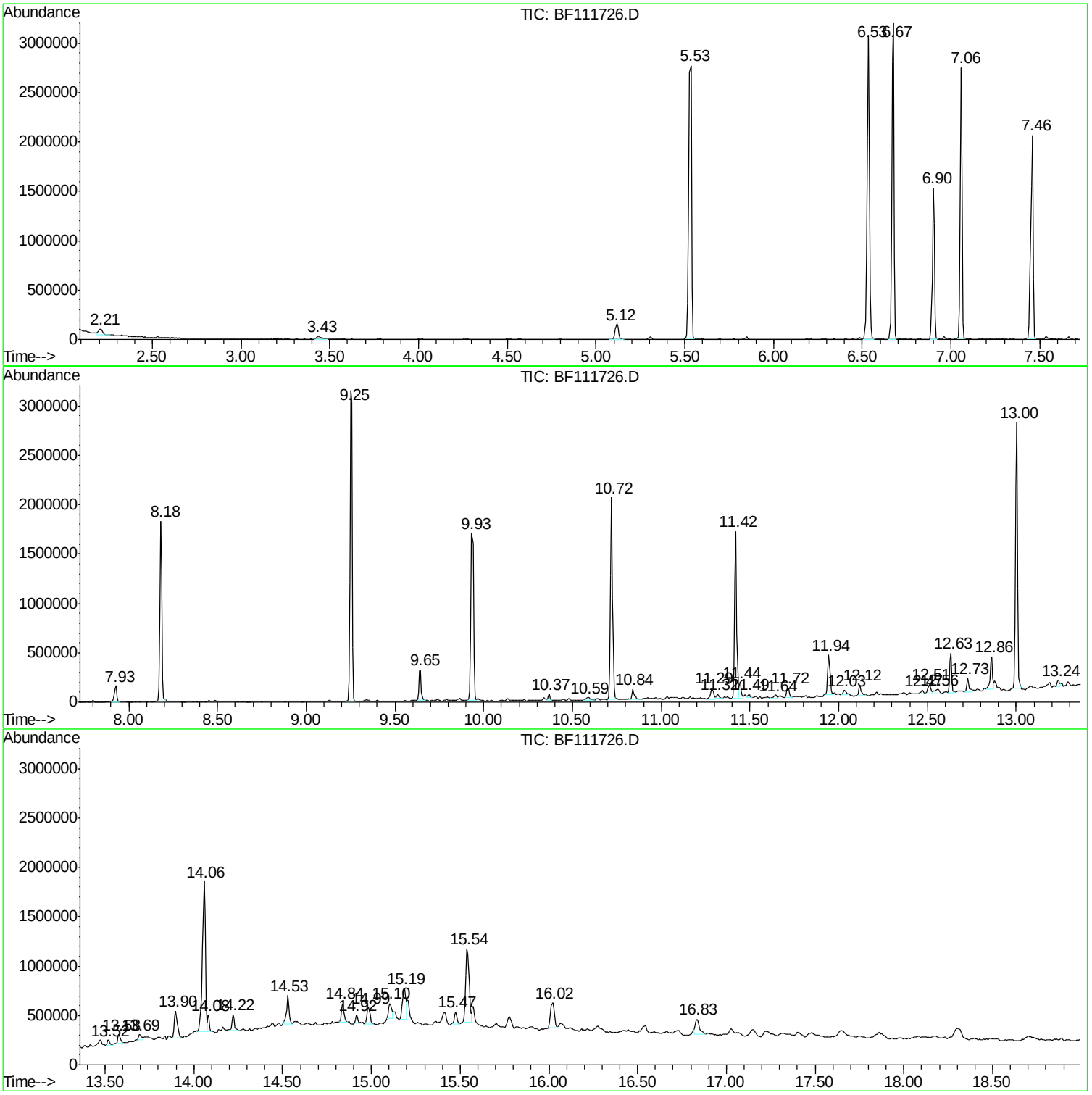
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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 : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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

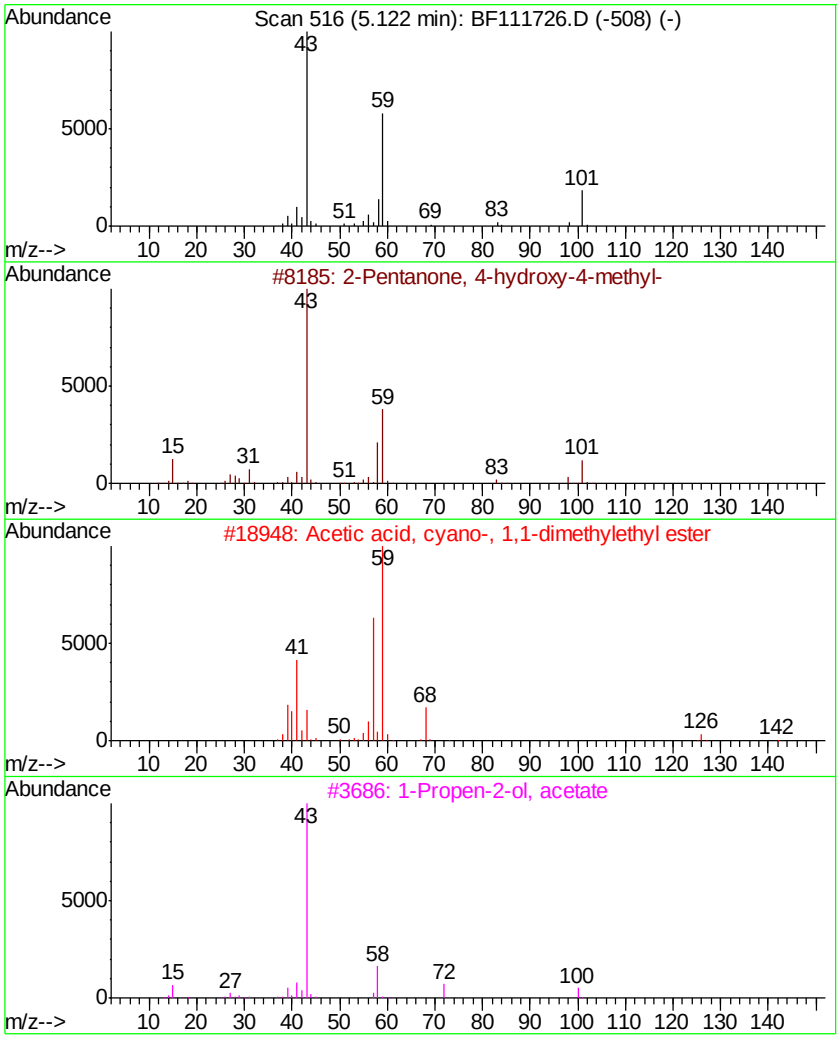
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

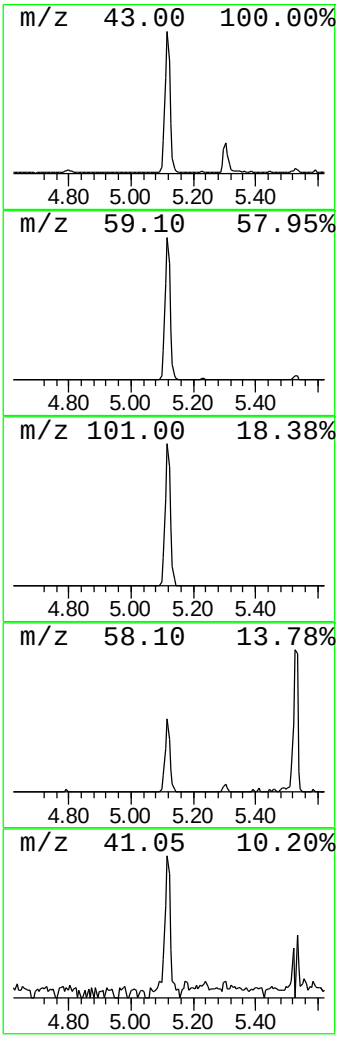
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.88 ng	183211	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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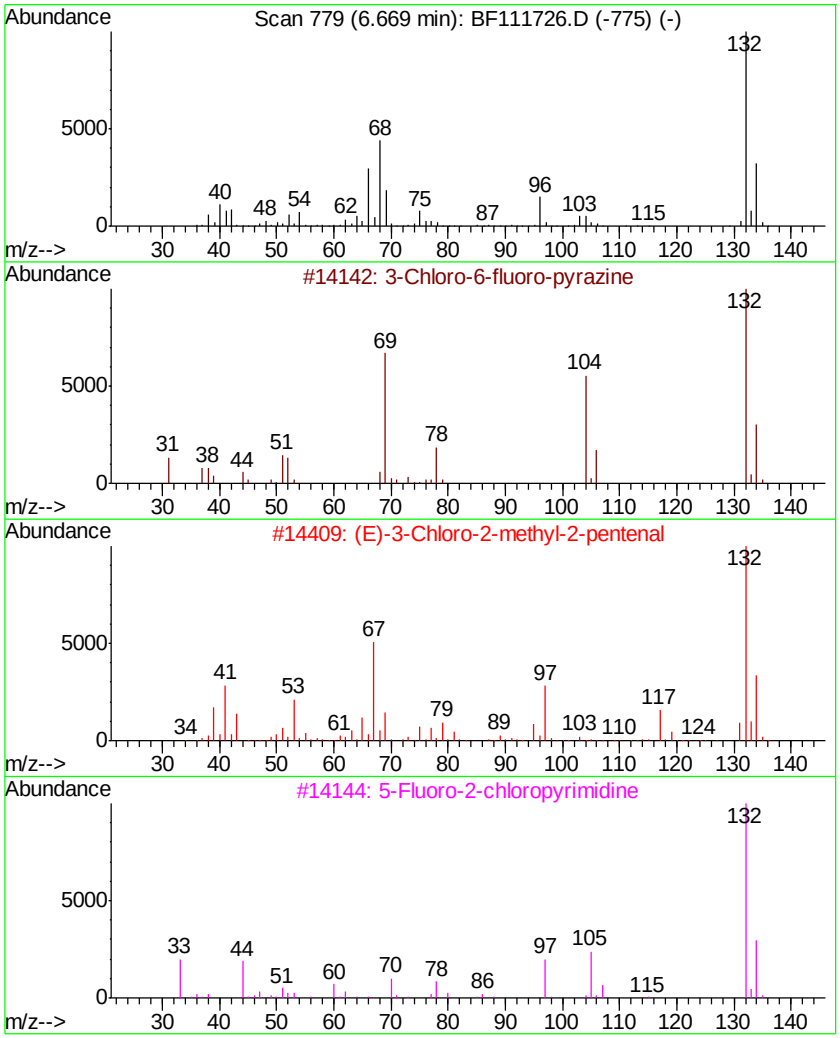
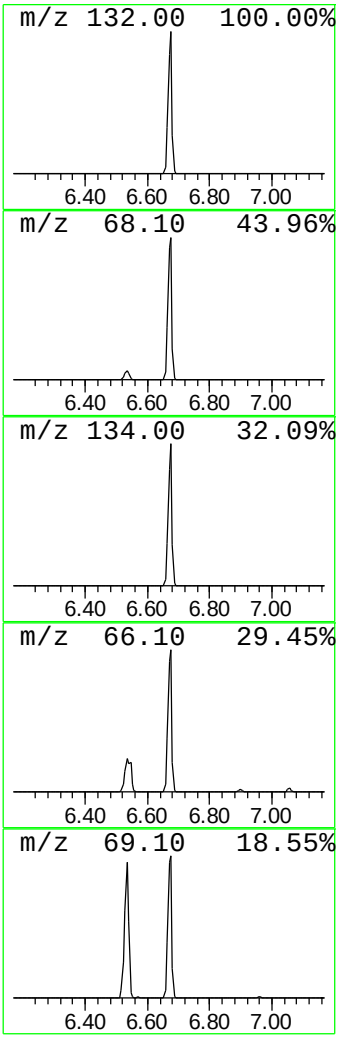
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	45.19 ng	2878680	1,4-Dichlorobenzene-d4	6.90

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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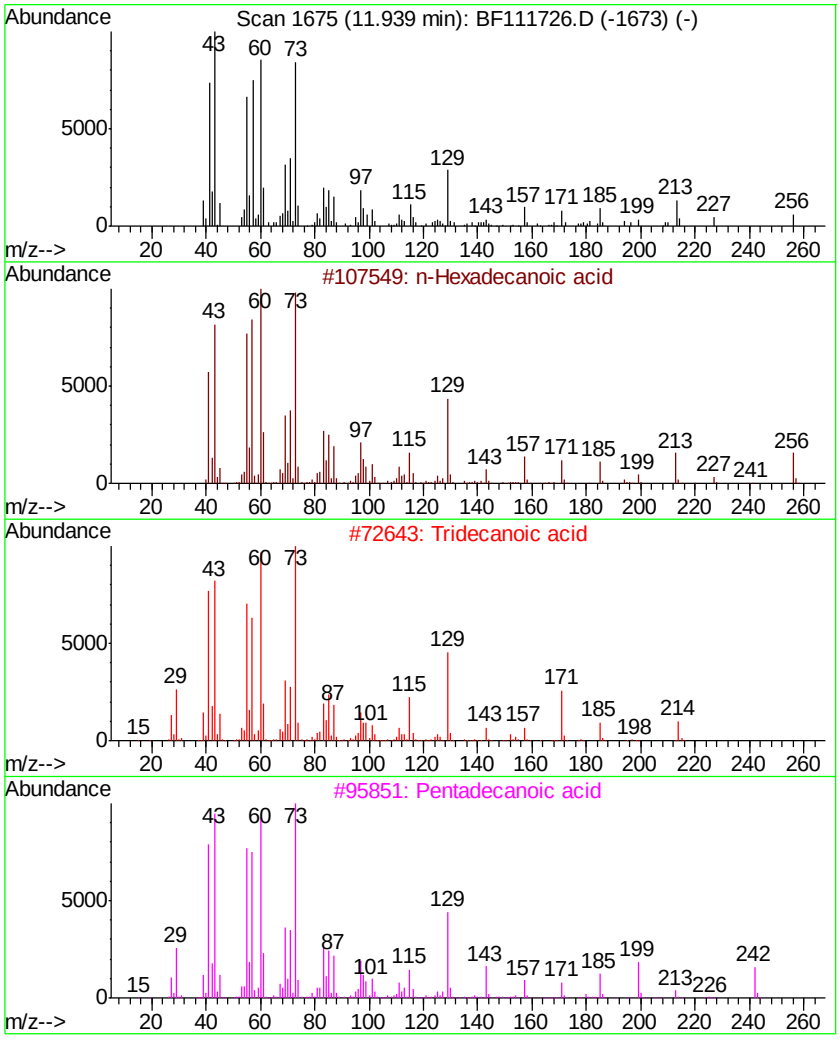
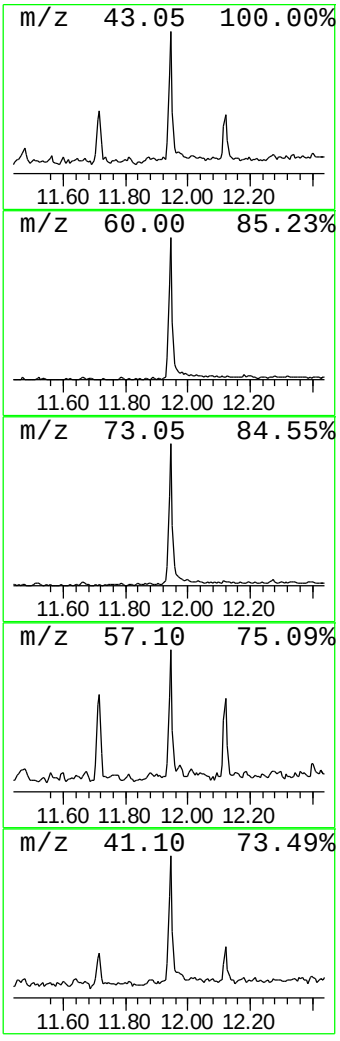
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.49 ng	314327	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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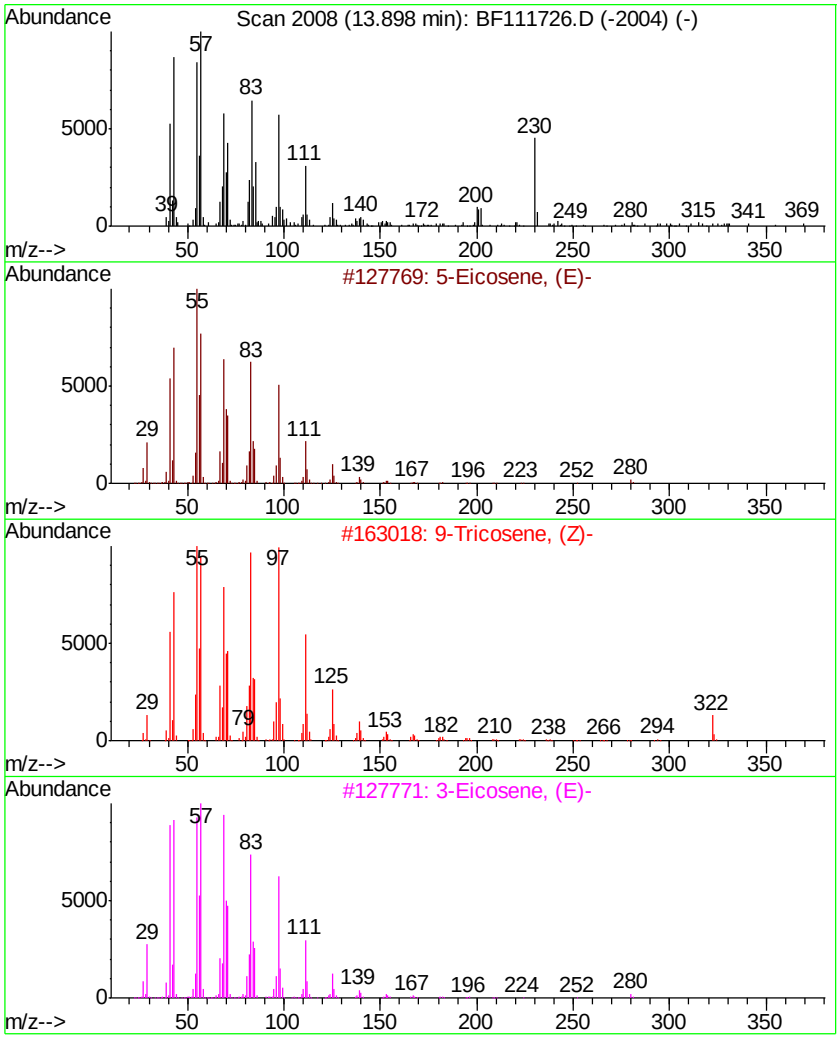
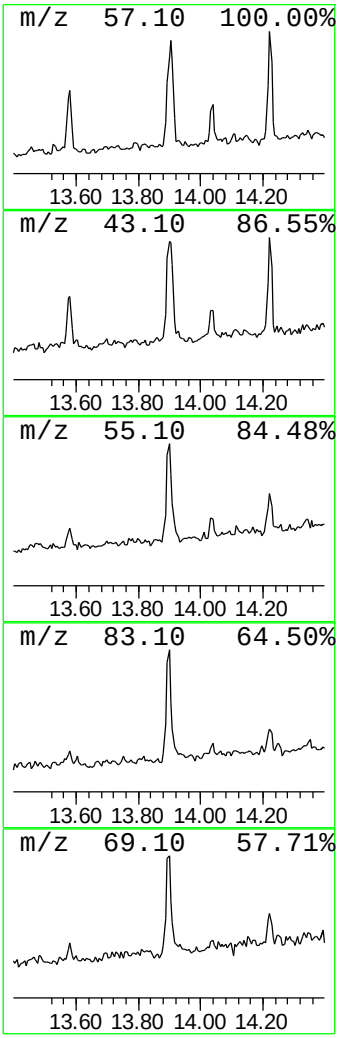
Peak Number 5 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.20 ng	339915	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	78
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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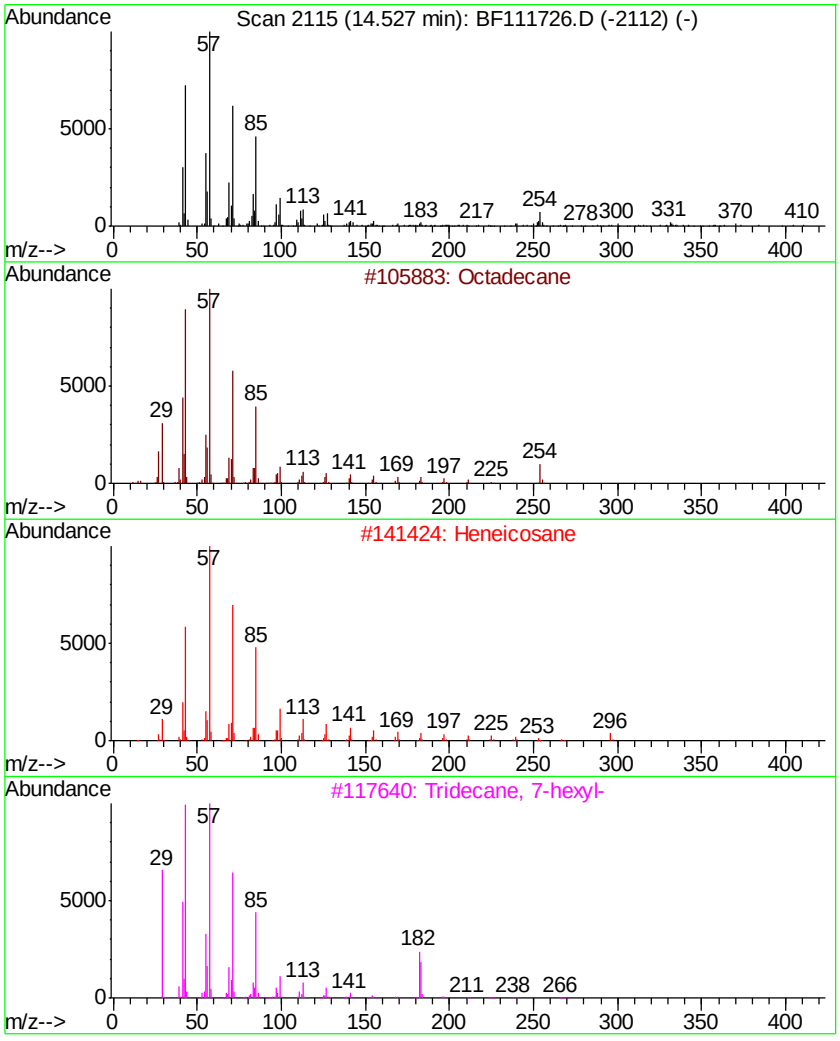
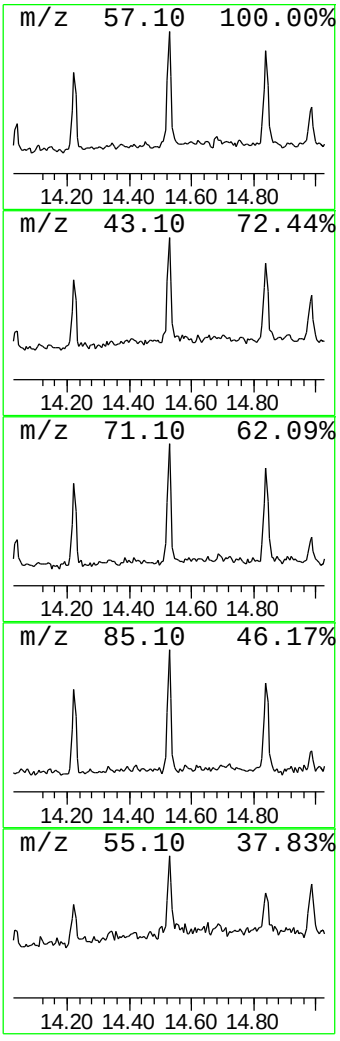
Peak Number 6 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.28 ng	265776	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	2-methyltetracosane	352	C25H52	1000376-72-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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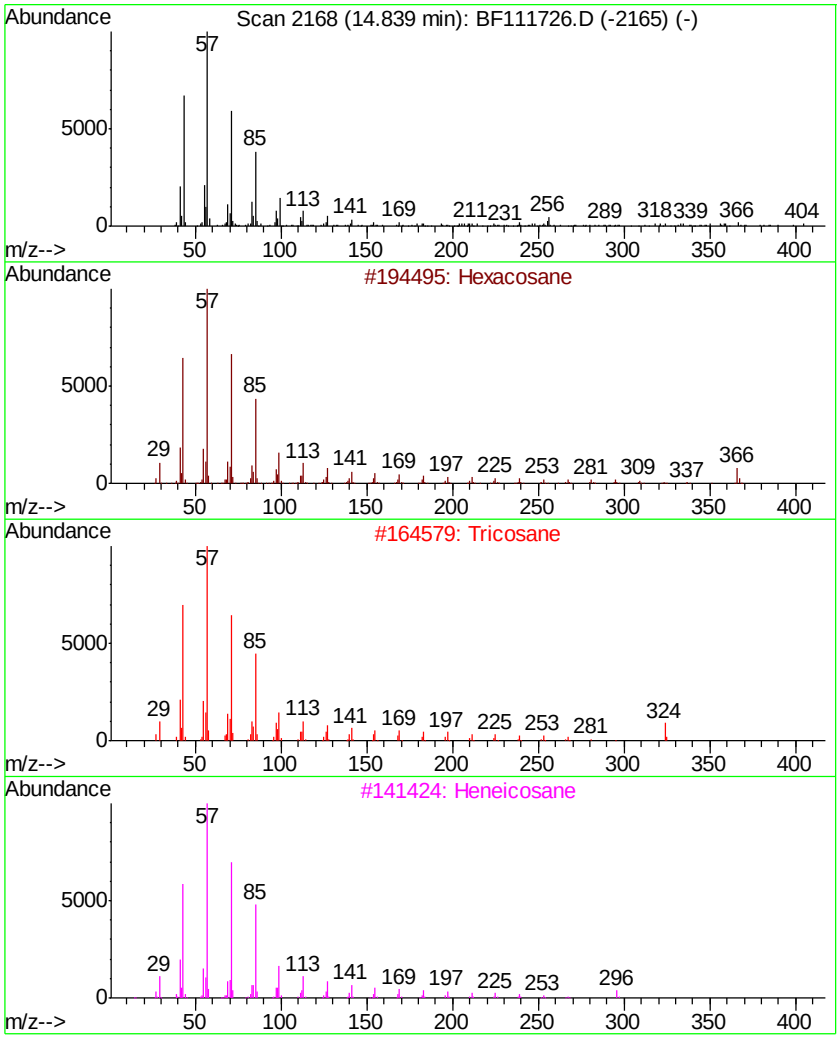
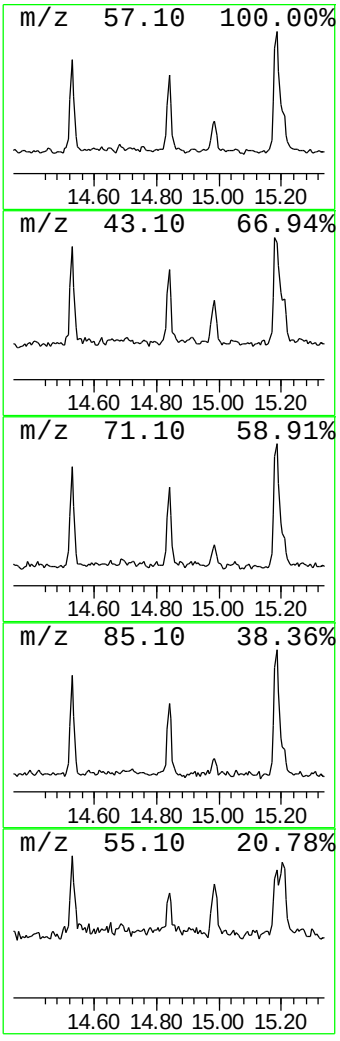
Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.77 ng	177866	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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

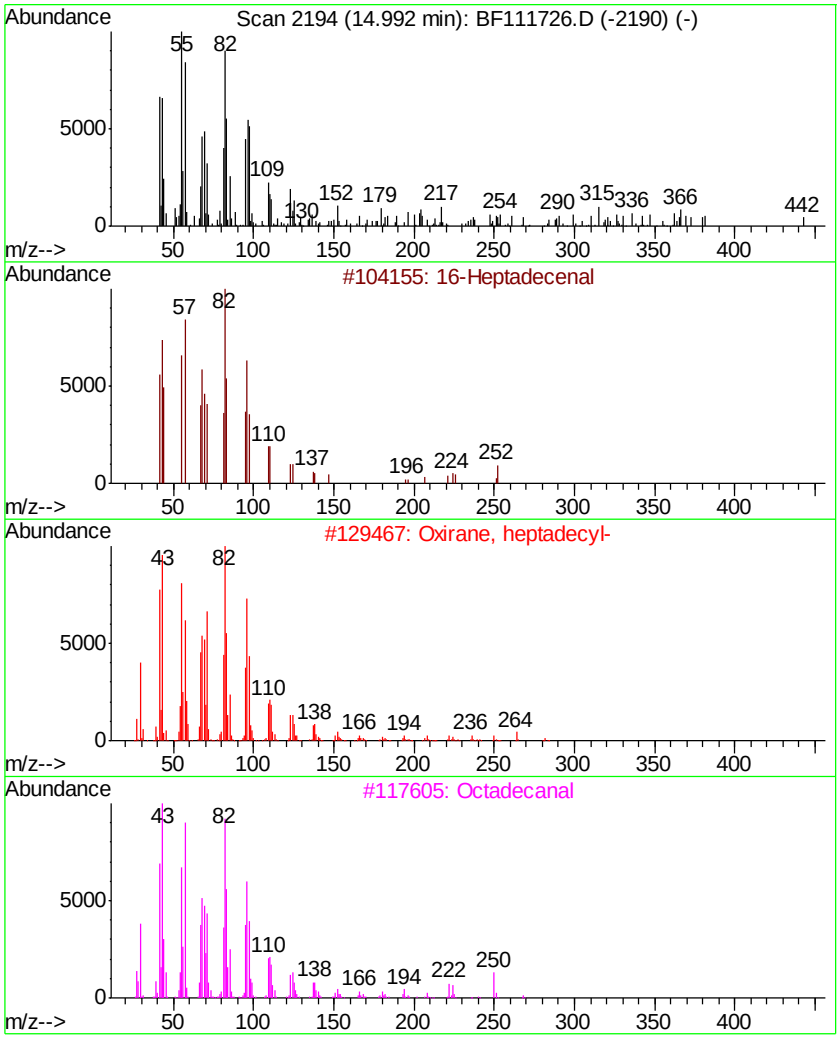
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

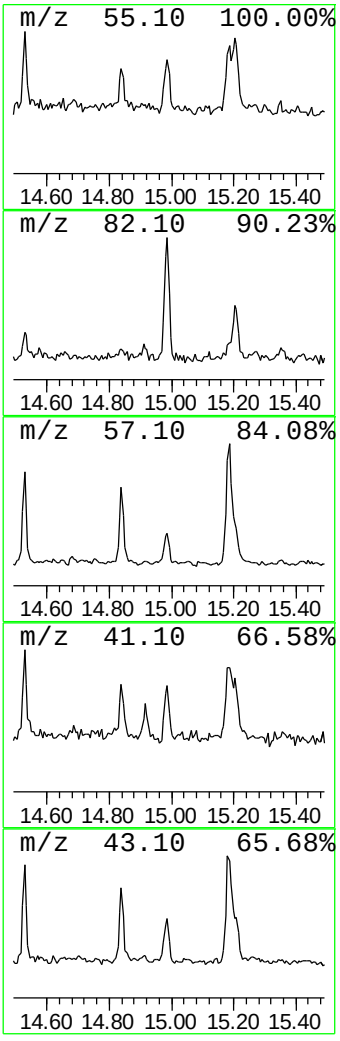
****

Peak Number 8 16-Heptadecenal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.85 ng	181452	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Tetracosanal	352	C24H48O	057866-08-7	91
5	Tetradecanal	212	C14H28O	000124-25-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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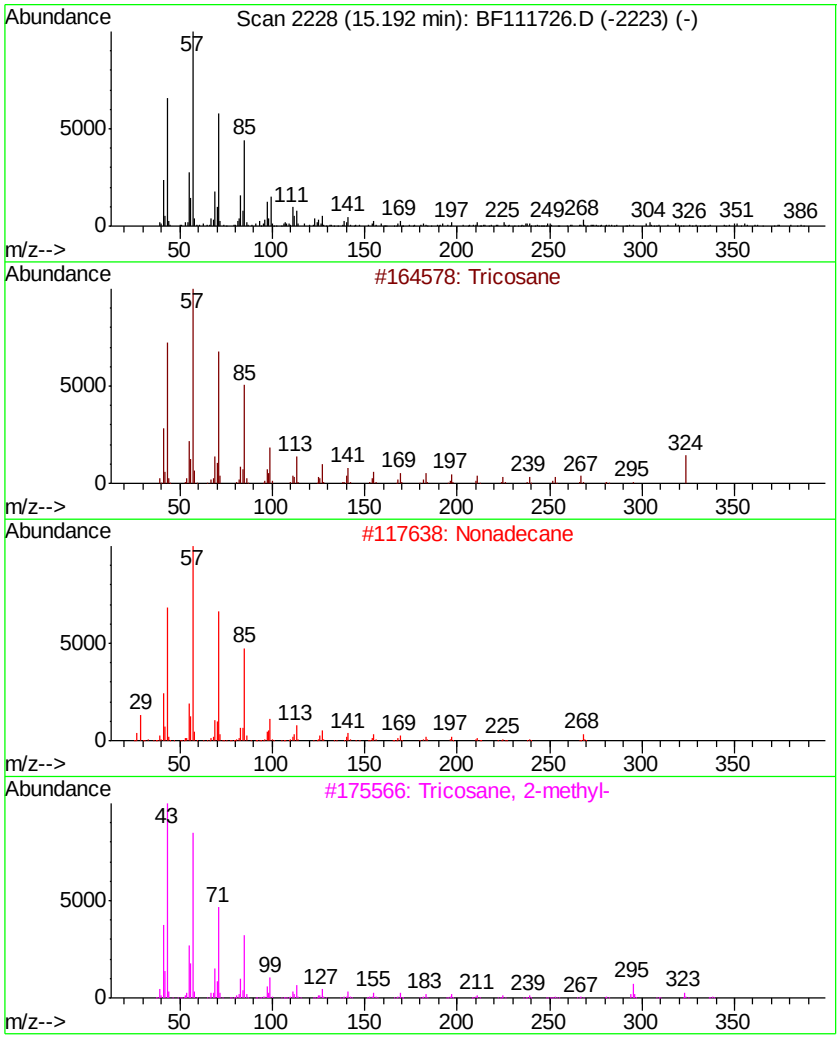
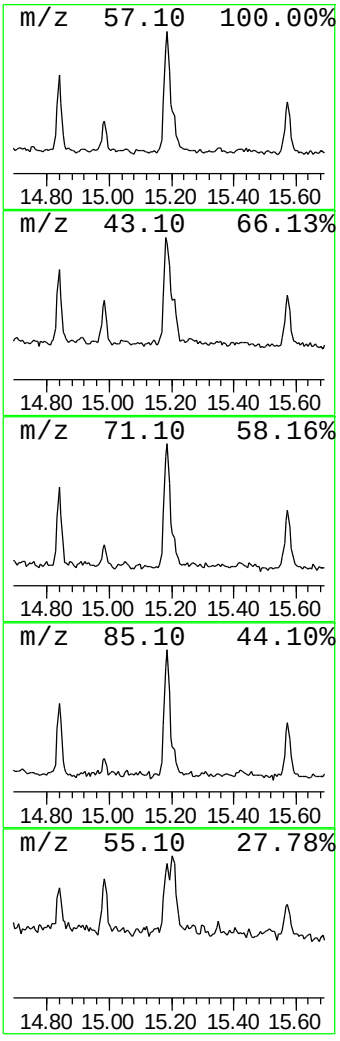
Peak Number 9 Tricosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	8.60 ng	405459	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Octacosane	394	C28H58	000630-02-4	90





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Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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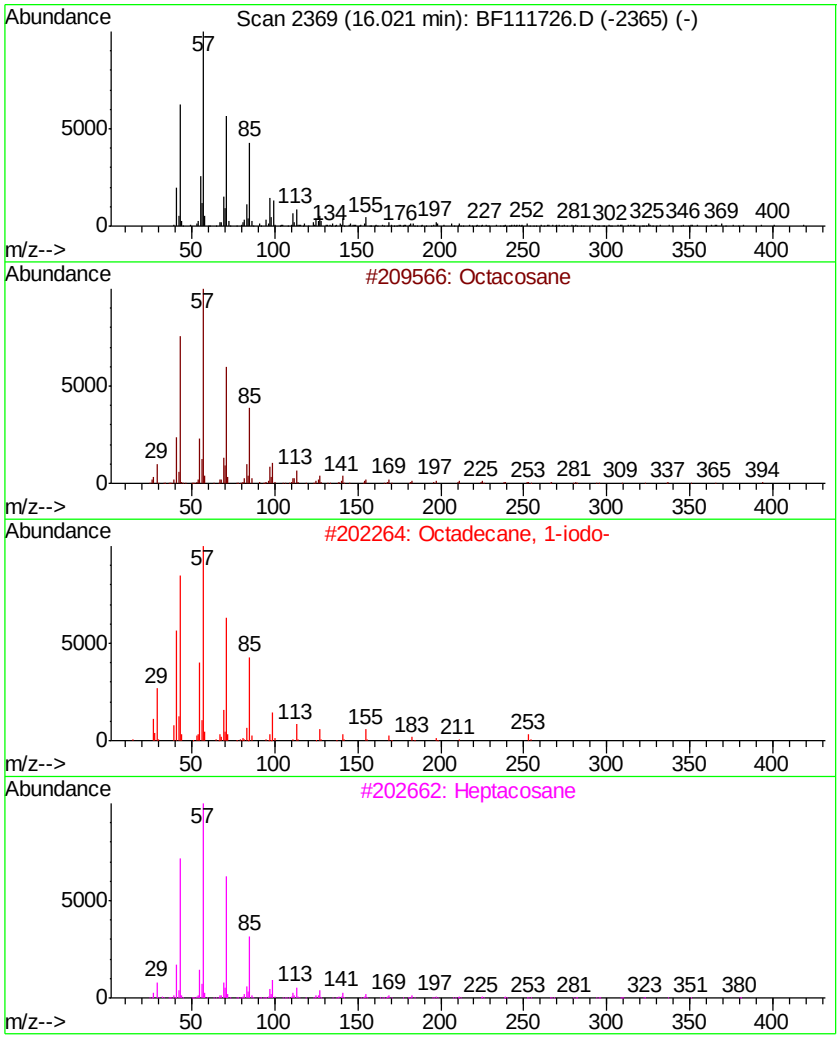
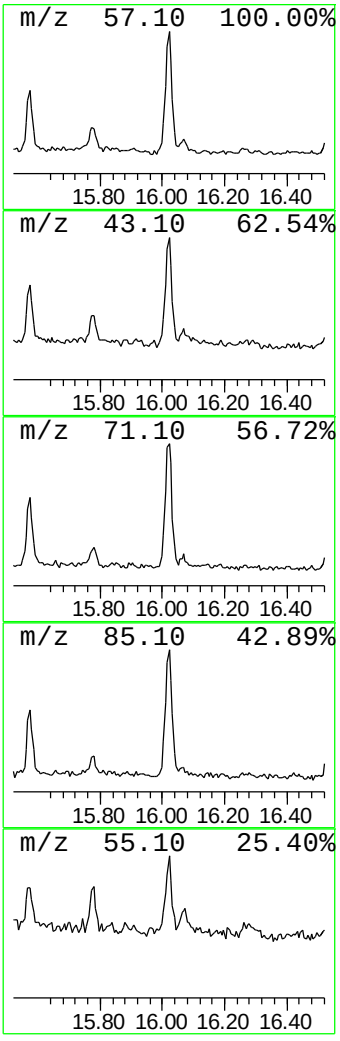
Peak Number 10 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	7.44 ng	350911	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	1-Chloroeicosane	316	C20H41Cl	042217-02-7	74
5	Heneicosane	296	C21H44	000629-94-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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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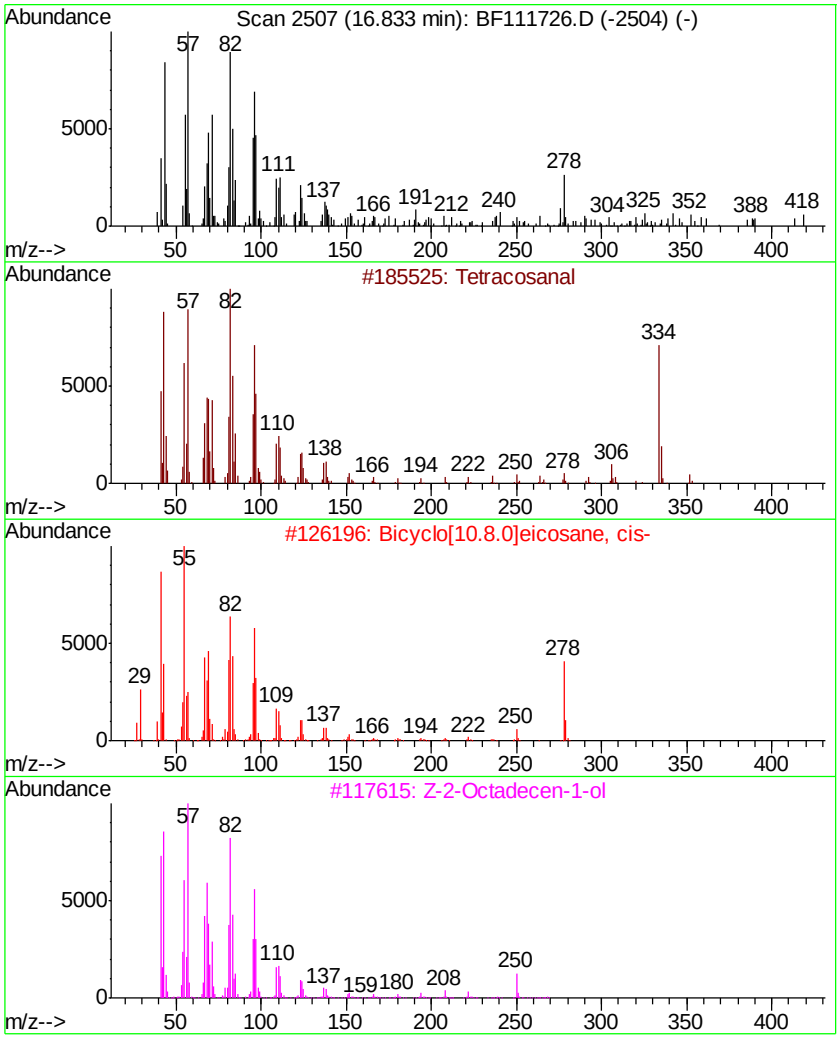
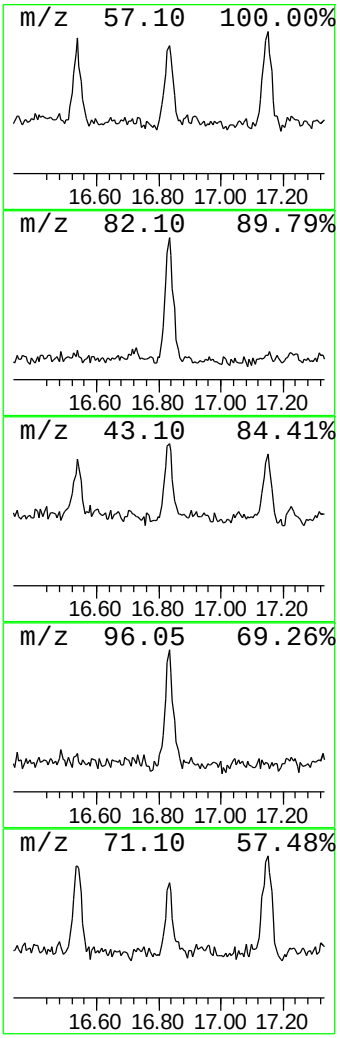
Peak Number 11 Tetracosanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	5.38 ng	253753	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanal	352	C24H48O	057866-08-7	89
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	80
3	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	76
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
5	1,19-Eicosadiene	278	C20H38	014811-95-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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
2-Pentanone, 4-hy...	5.12	2.9	ng	183211	1	6.90	1274010	20.0
unknown6.67	6.67	45.2	ng	2878680	1	6.90	1274010	20.0
n-Hexadecanoic acid	11.94	4.5	ng	314327	4	11.42	1398790	20.0
5-Eicosene, (E)-	13.90	4.2	ng	339915	5	14.06	1619150	20.0
Octadecane	14.53	3.3	ng	265776	5	14.06	1619150	20.0
Hexacosane	14.84	3.8	ng	177866	6	15.54	943352	20.0
16-Heptadecenal	14.99	3.9	ng	181452	6	15.54	943352	20.0
Tricosane	15.19	8.6	ng	405459	6	15.54	943352	20.0
Octacosane	16.02	7.4	ng	350911	6	15.54	943352	20.0
Tetracosanal	16.83	5.4	ng	253753	6	15.54	943352	20.0