LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

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-BF012020.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	2.169	8	14	22	rVB	1805742	2451857	30.84%	3.342%
2	5.099	509	512	519	rVB	78572	98678	1.24%	0.135%
3	5.498	575	580	583	rBV	6575375	6297170	79.20%	8.583%
4	6.498	745	750	754	rBV	6140962	6533611	82.18%	8.906%
5	6.875	811	814	818	rBV	2698205	2307582	29.02%	3.145%
6	6.940	821	825	830	rBV	113873	99014	1.25%	0.135%
7	7.034	837	841	845	rBV	6430284	5636985	70.90%	7.684%
8	7.434	904	909	912	rBV	4619773	4273715	53.75%	5.825%
9	8.157	1028	1032	1036	rBV	3356614	2920983	36.74%	3.981%
10	9.234	1211	1215	1219	rBV	8897190	7950787	100.00%	10.837%
11	9.322	1227	1230	1234	rBV2	79529	101100	1.27%	0.138%
12	9.510	1254	1262	1264	rBV3	145878	161829	2.04%	0.221%
13	9.622	1278	1281	1286	rVB	592182	473959	5.96%	0.646%
14	9.851	1317	1320	1325	rVB	198989	179387	2.26%	0.245%
15	9.916	1325	1331	1334	rBV	3667818	3204105	40.30%	4.367%
16	10.116	1361	1365	1368	rVB	95093	84987	1.07%	0.116%
17	10.351	1402	1405	1407	rVB	99118	88023	1.11%	0.120%
18	10.698	1460	1464	1468	rBV	4776175	4096711	51.53%	5.584%
19	10.798	1477	1481	1483	rBV	328631	282262	3.55%	0.385%
20	10.822	1483	1485	1487	rBV2	116822	107811	1.36%	0.147%
21	11.098	1530	1532	1535	rBV	118355	98150	1.23%	0.134%
22	11.269	1558	1561	1564	rBV2	122409	110236	1.39%	0.150%
23	11.298	1564	1566	1571	rVB2	116180	127269	1.60%	0.173%
24	11.398	1579	1583	1585	rBV	3104017	2594998	32.64%	3.537%
25	11.422	1585	1587	1590	rVV	742870	577836	7.27%	0.788%
26	11.469	1590	1595	1599	rVB3	141532	176997	2.23%	0.241%
27	11.622	1618	1621	1624	rBV	86472	89600	1.13%	0.122%
28	11.698	1631	1634	1636	rVB	117721	96053	1.21%	0.131%
29	11.898	1665	1668	1670	rBV	107784	111903	1.41%	0.153%
30	11.922	1670	1672	1677	rVB2	567627	529412	6.66%	0.722%
31	12.010	1683	1687	1689	rBV2	154456	170288	2.14%	0.232%
32	12.033	1689	1691	1695	rVB	99737	92962	1.17%	0.127%
33	12.104	1700	1703	1705	rVB	130213	107063	1.35%	0.146%
34	12.216	1720	1722	1727	rVB3	75777	91461	1.15%	0.125%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.451	1758	1762	1764	rBV	160873	168625	2.12%	0.230%
36	12.492	1765	1769	1773	rVV3	163915	233429	2.94%	0.318%
37	12.533	1773	1776	1780	rVV2	84887	104724	1.32%	0.143%
38	12.610	1785	1789	1792	rBV	848439	735496	9.25%	1.003%
39	12.710	1802	1806	1813	rBV4	253048	400096	5.03%	0.545%
40	12.839	1823	1828	1830	rBV	750382	761498	9.58%	1.038%
41	12.863	1830	1832	1834	rVB	176853	137799	1.73%	0.188%
42	12.980	1848	1852	1856	rBV	6932593	6218473	78.21%	8.476%
43	13.216	1890	1892	1897	rVB2	240480	274499	3.45%	0.374%
44	13.433	1927	1929	1931	rBV2	110606	86465	1.09%	0.118%
45	13.563	1948	1951	1954	rBV	301431	294790	3.71%	0.402%
46	13.874	2001	2004	2013	rBV3	801508	1197459	15.06%	1.632%
47	14.033	2027	2031	2034	rBV	2929193	3102551	39.02%	4.229%
48	14.204	2057	2060	2066	rVB2	575117	576791	7.25%	0.786%
49	14.510	2109	2112	2115	rVB	782994	643910	8.10%	0.878%
50	14.821	2162	2165	2168	rBV	650447	627253	7.89%	0.855%
51	15.163	2220	2223	2232	rVB2	876097	1253886	15.77%	1.709%
52	15.510	2278	2282	2285	rBV	1928057	2266812	28.51%	3.090%
53	15.545	2286	2288	2295	rVB2	905122	1263493	15.89%	1.722%
54	15.992	2361	2364	2369	rVB2	520044	691755	8.70%	0.943%

Sum of corrected areas: 73364588

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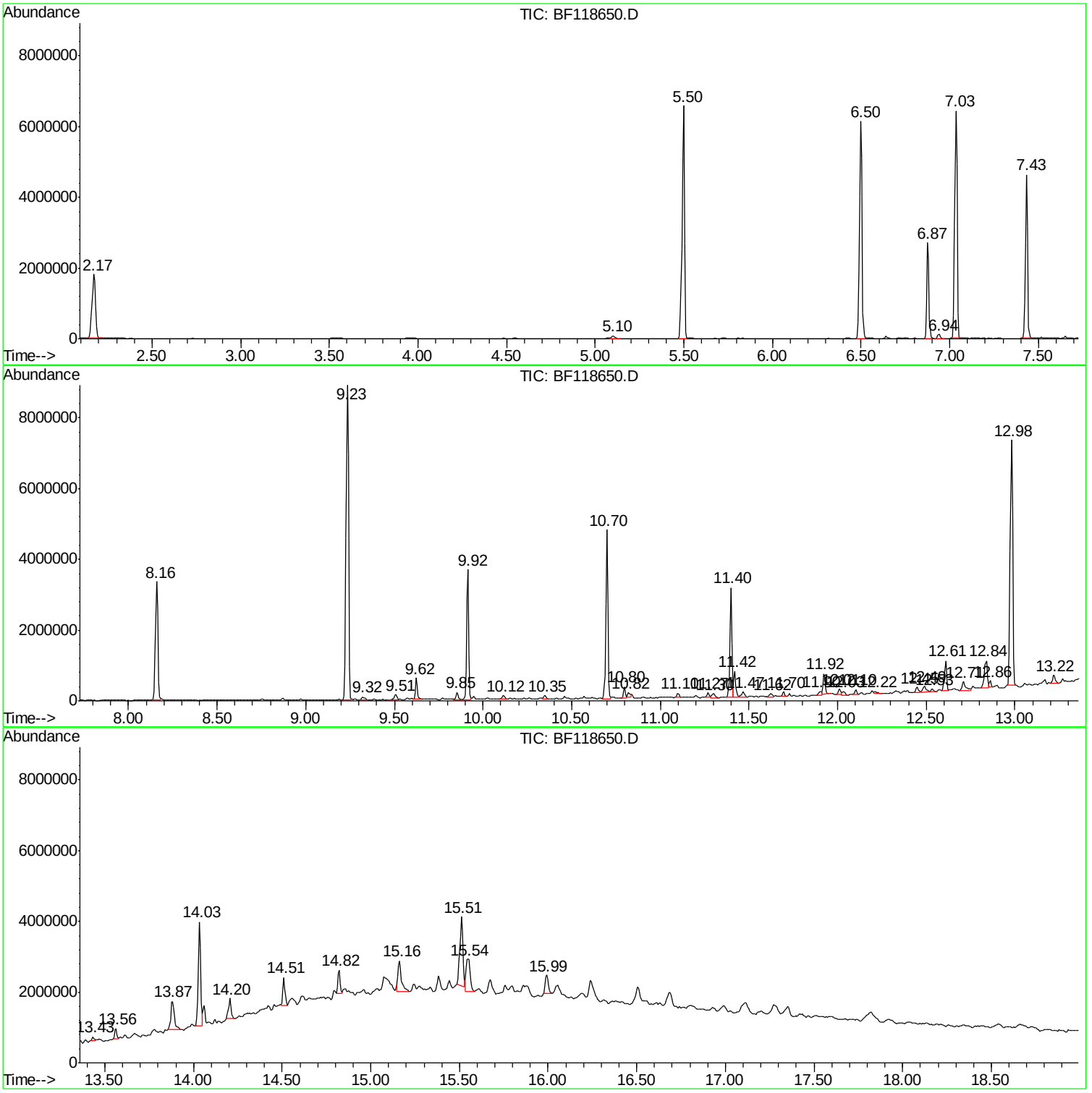
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

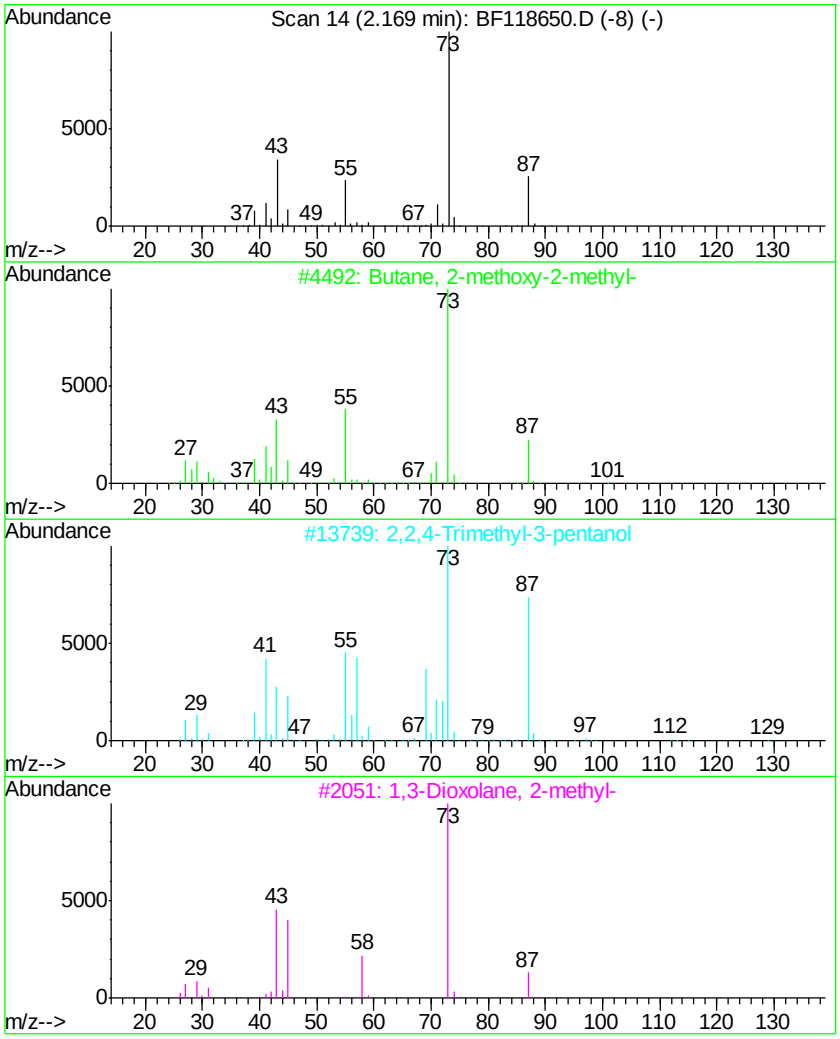
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

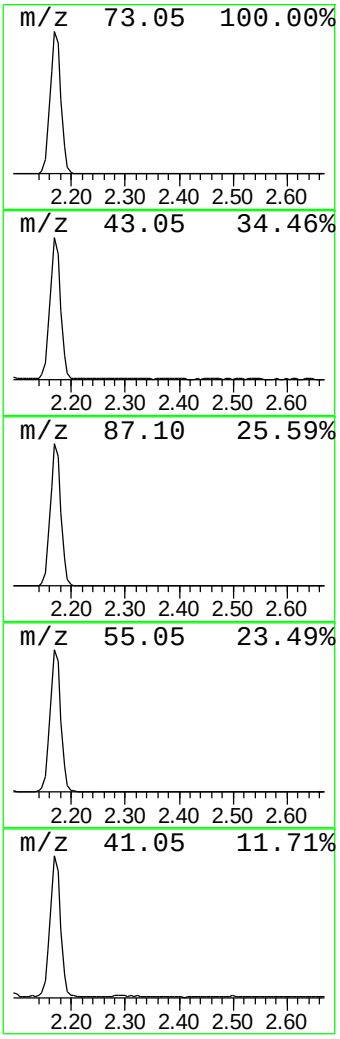
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	21.25 ng	2451860	1,4-Dichlorobenzene-d4	6.87

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	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

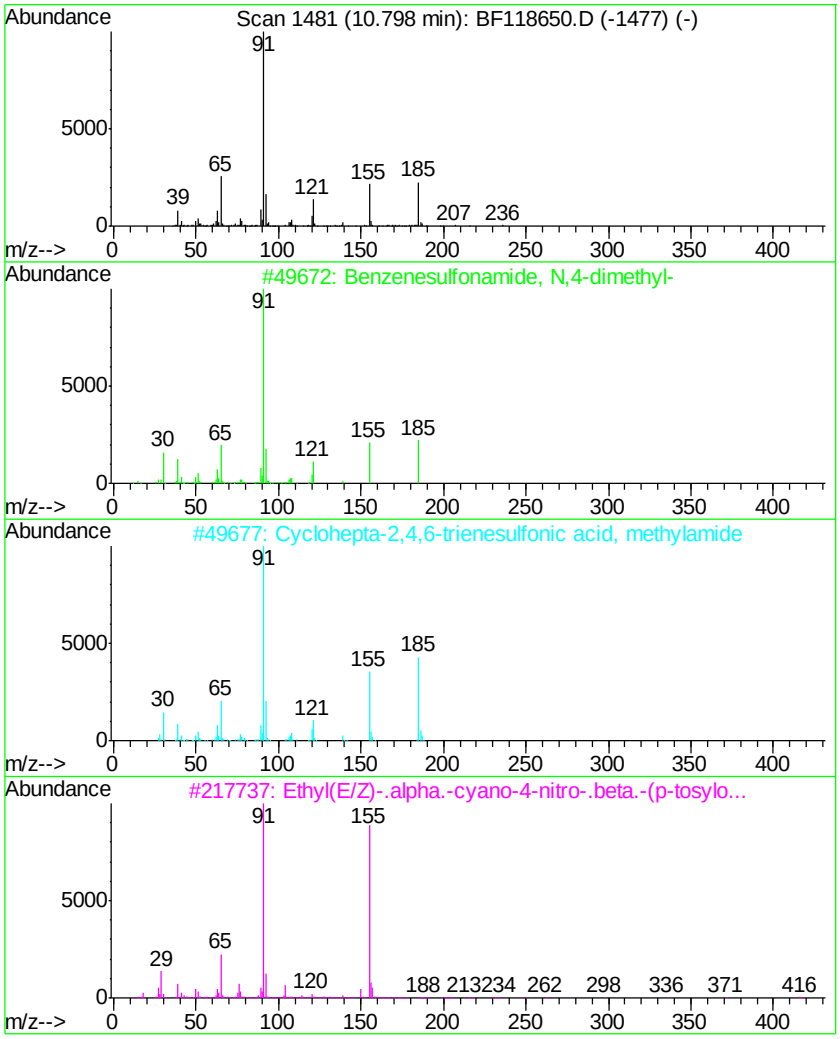
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

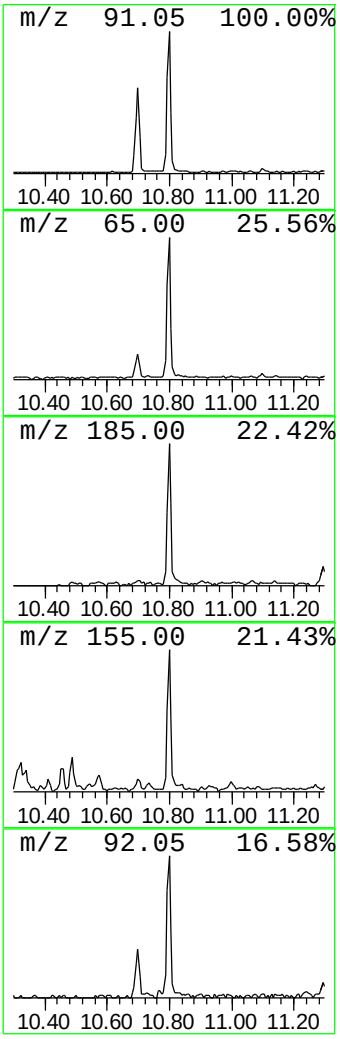
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenesulfonamide, N,4-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.18 ng	282262	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	62
3	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	53
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50
5	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

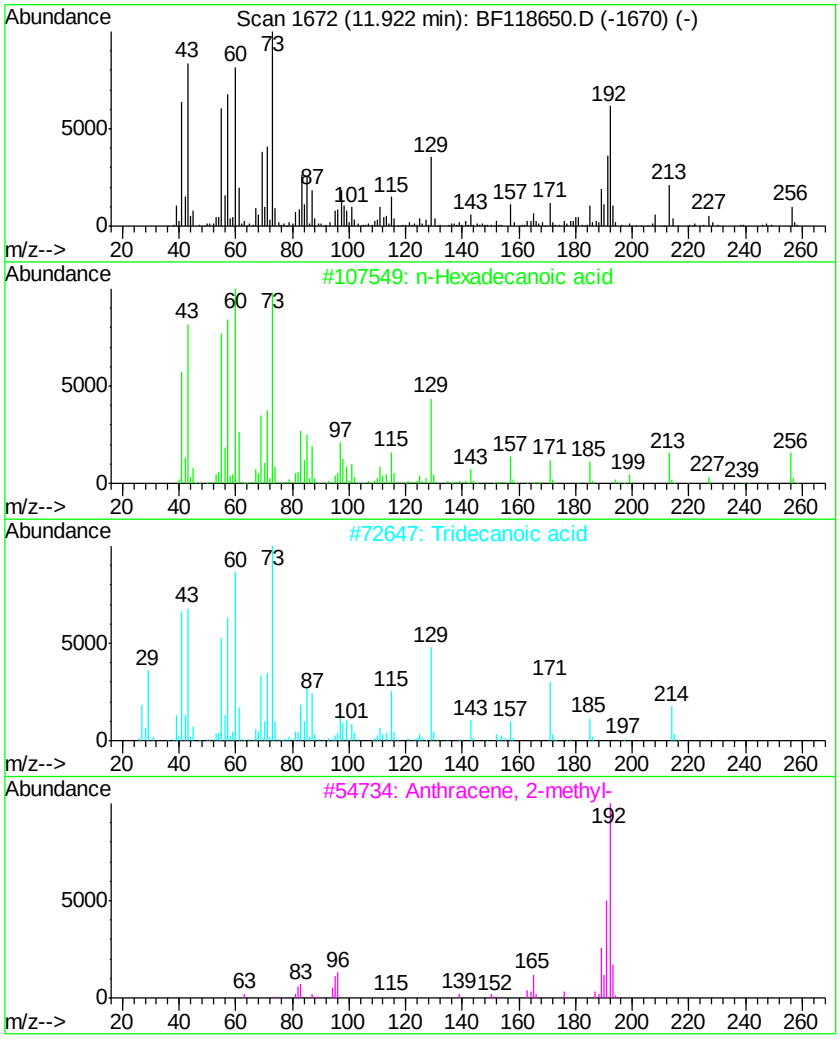
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

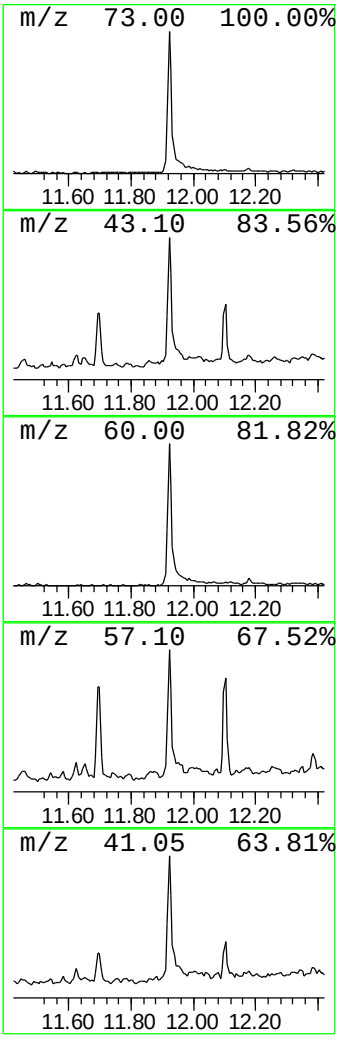
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.08 ng	529412	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

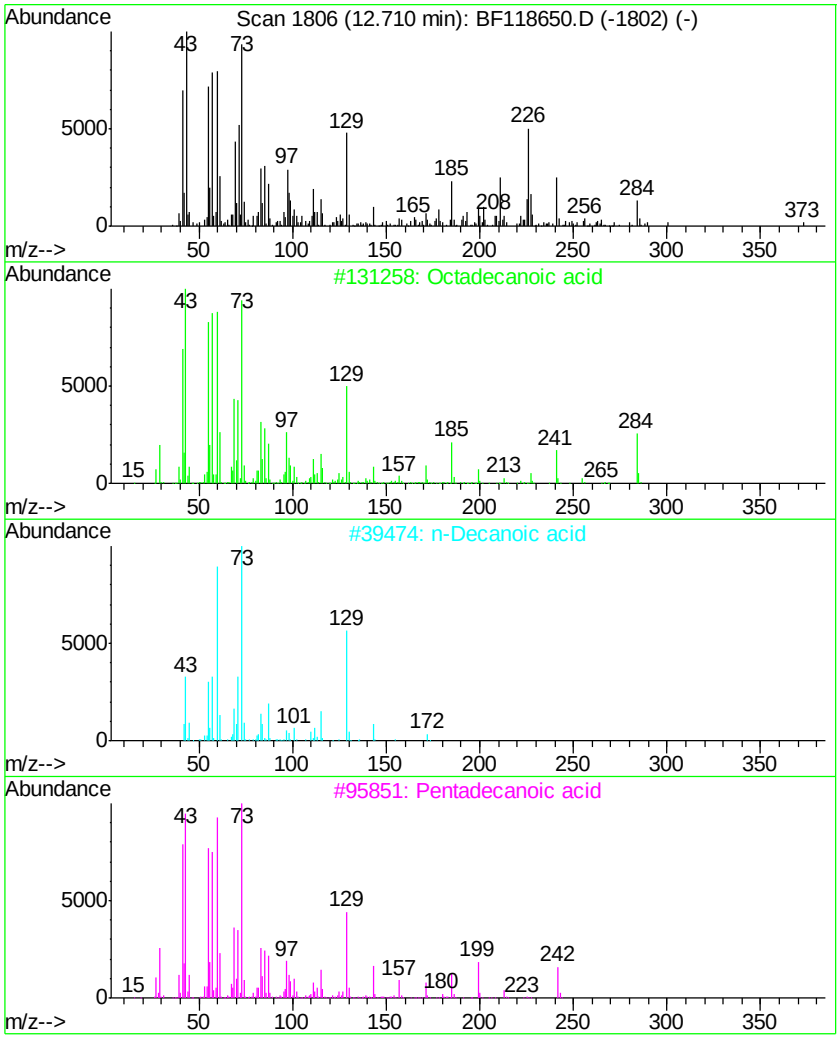
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

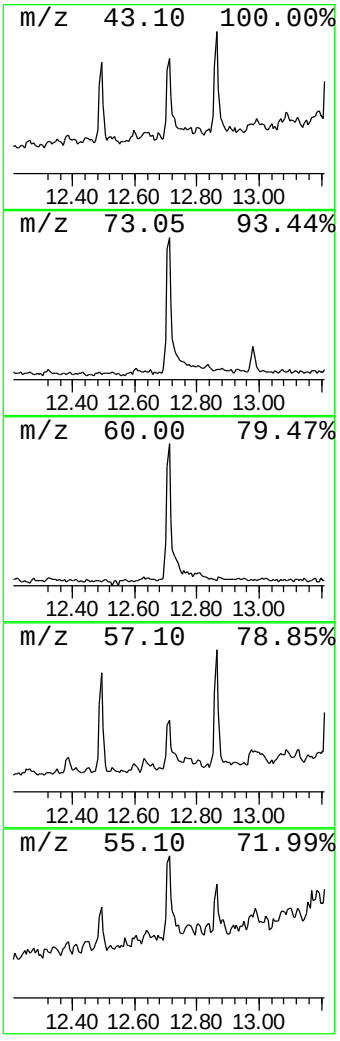
****

Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.08 ng	400096	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	55





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Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

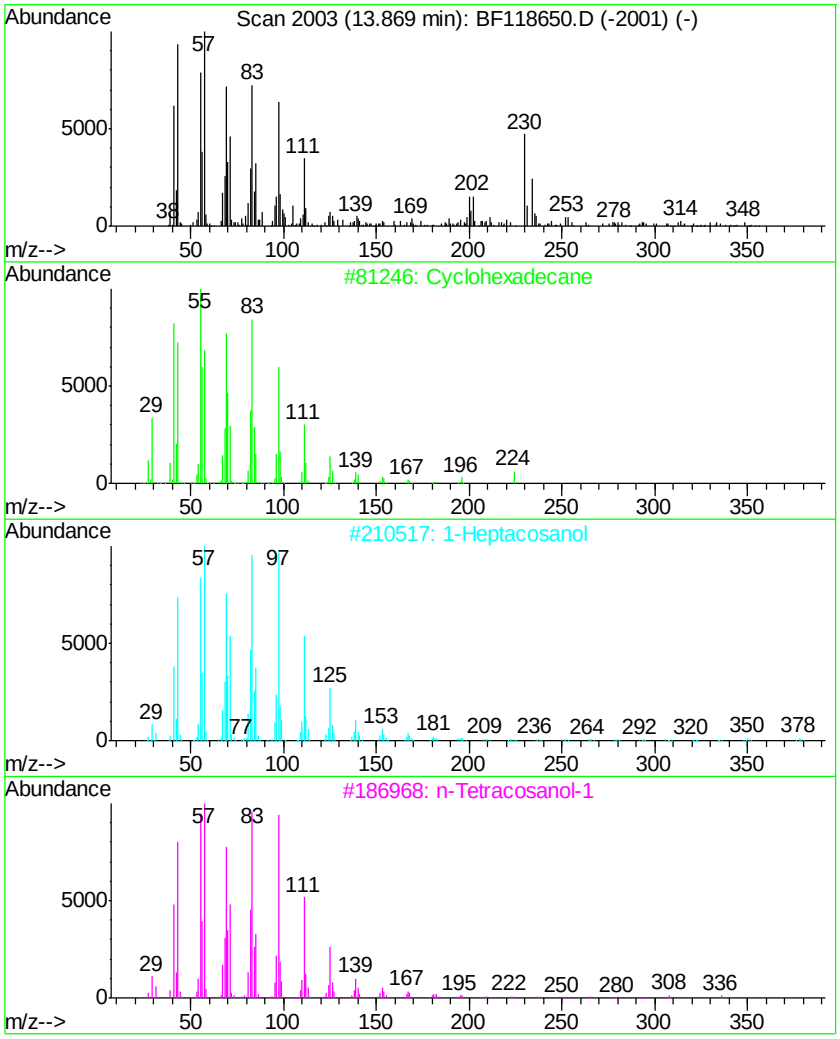
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

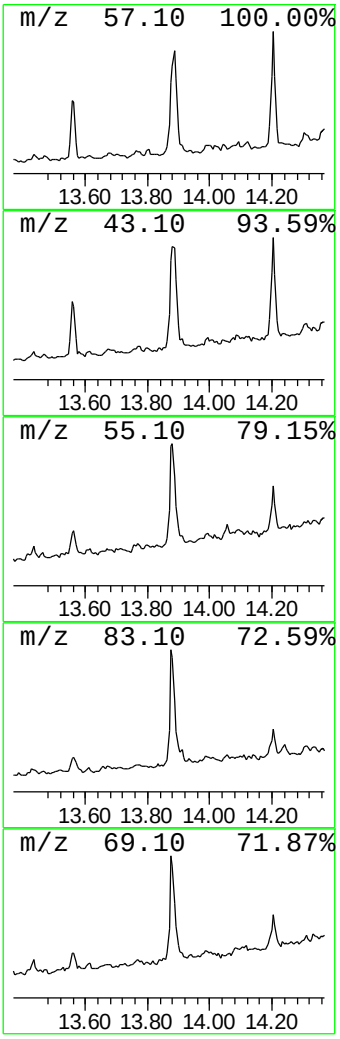
****

Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.72 ng	1197460	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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Operator : CG/JU
Sample : L1210-06
Misc :
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Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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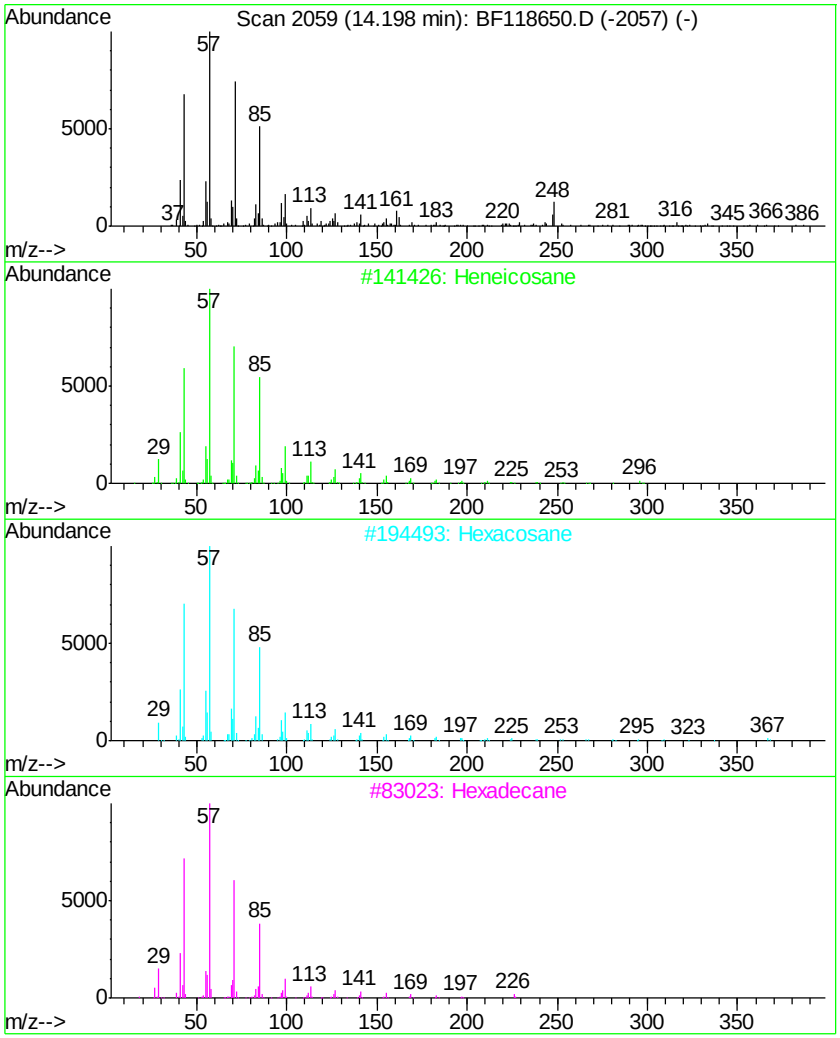
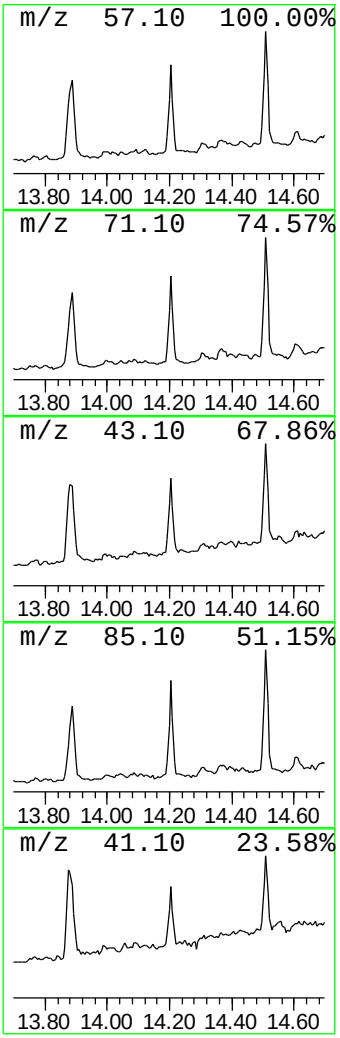
Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.72 ng	576791	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Nonadecane	268	C19H40	000629-92-5	86





Library Search Compound Report

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Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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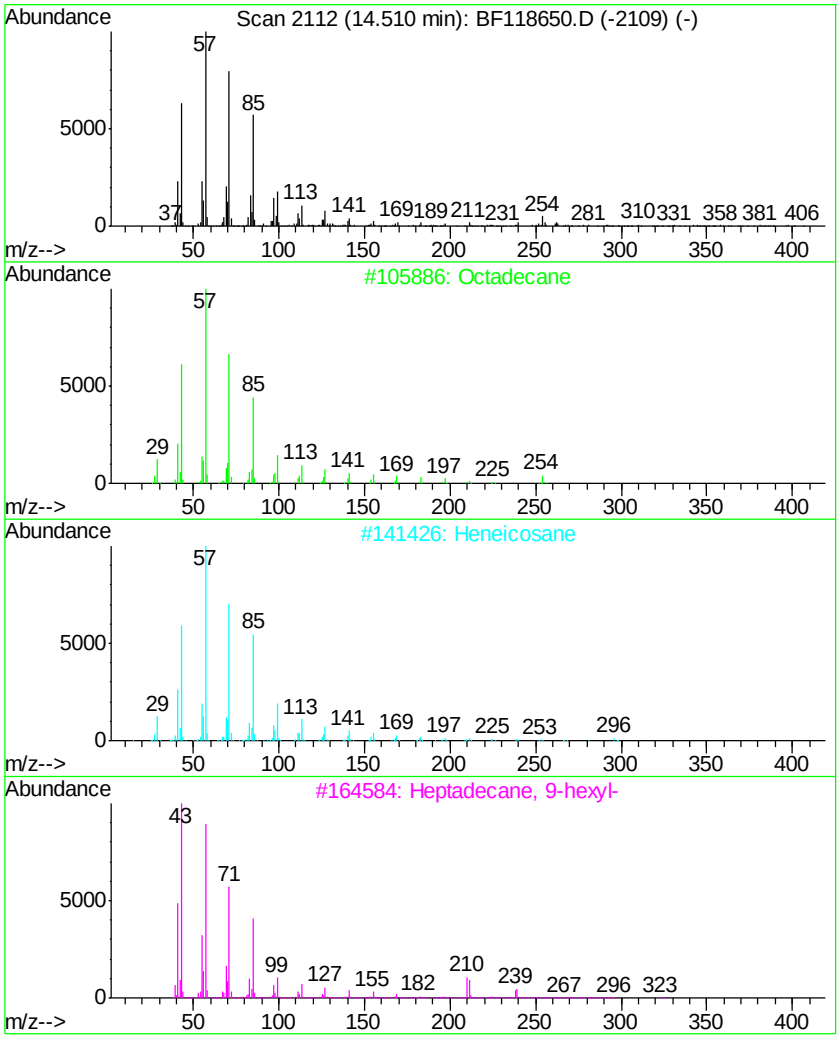
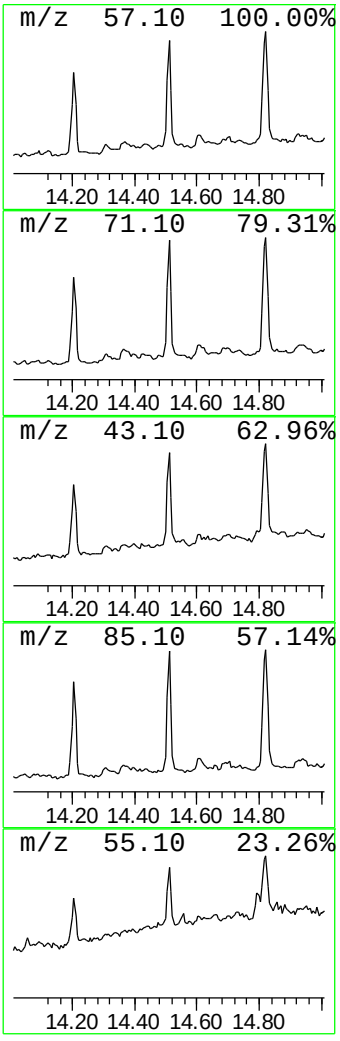
Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.15 ng	643910	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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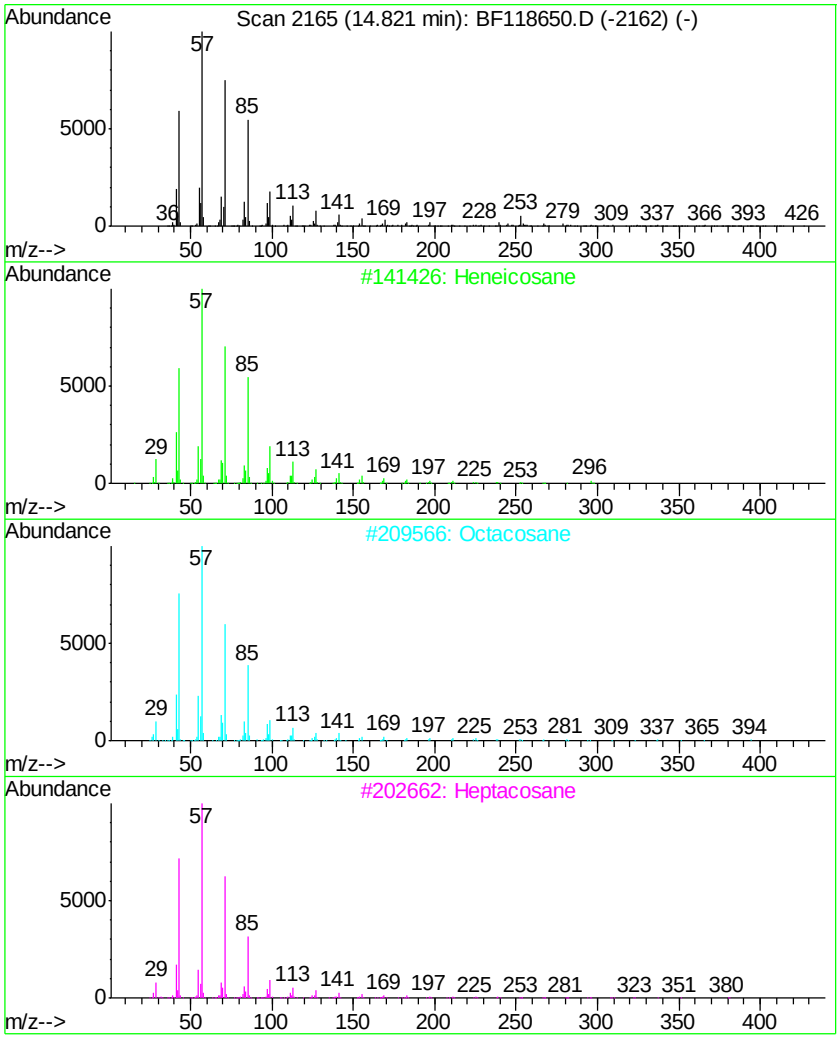
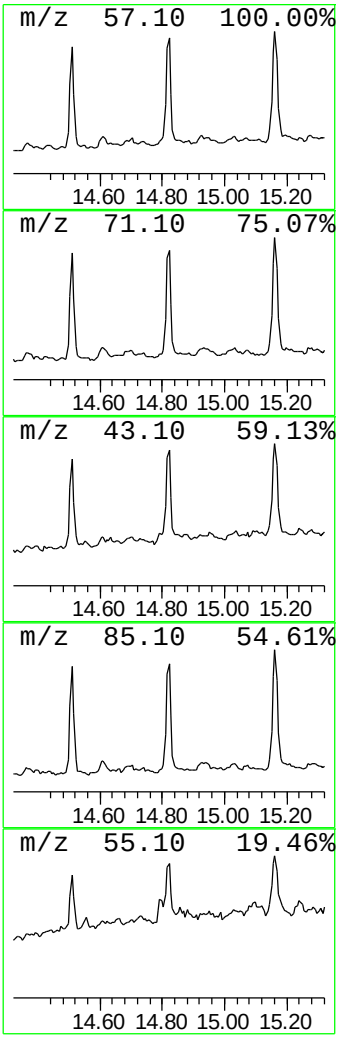
Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.53 ng	627253	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptacosane	380	C27H56	000593-49-7	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

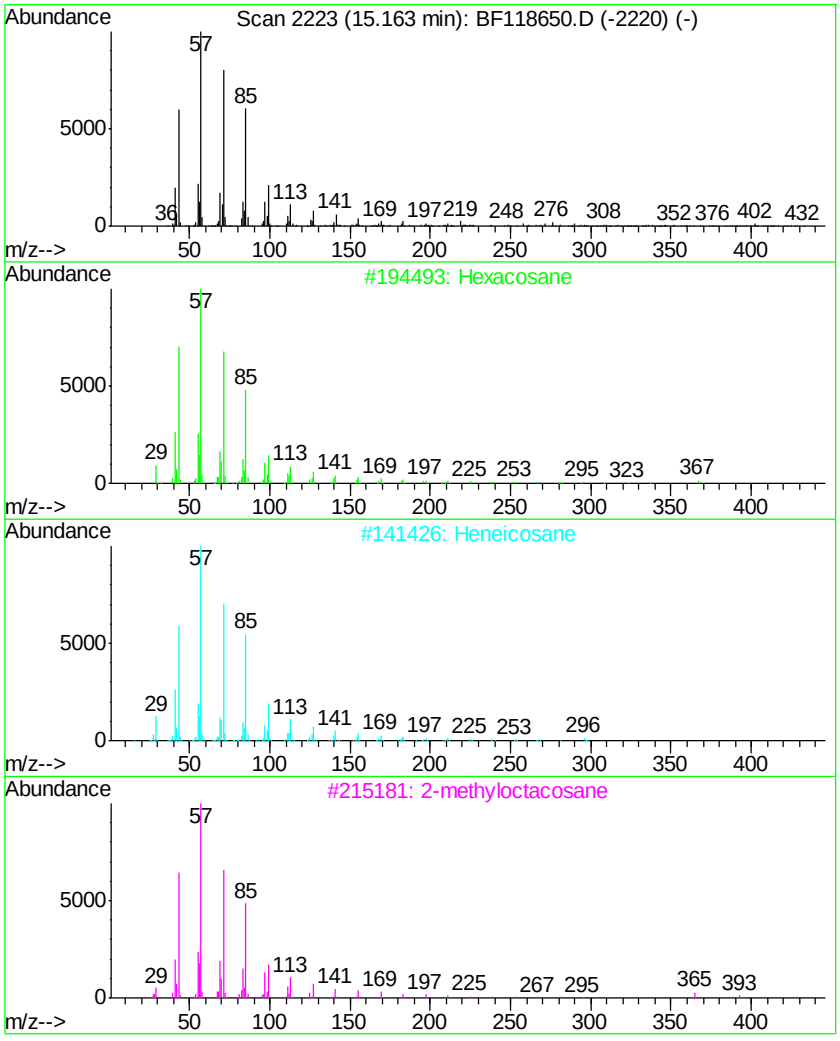
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

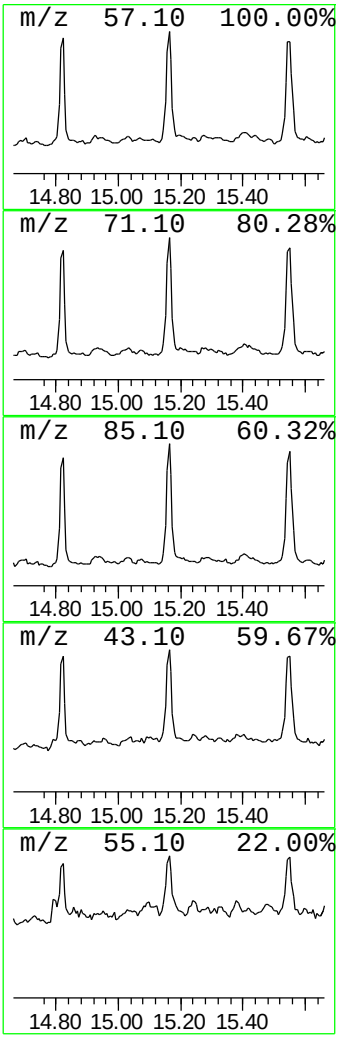
****

Peak Number 10 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	11.06 ng	1253890	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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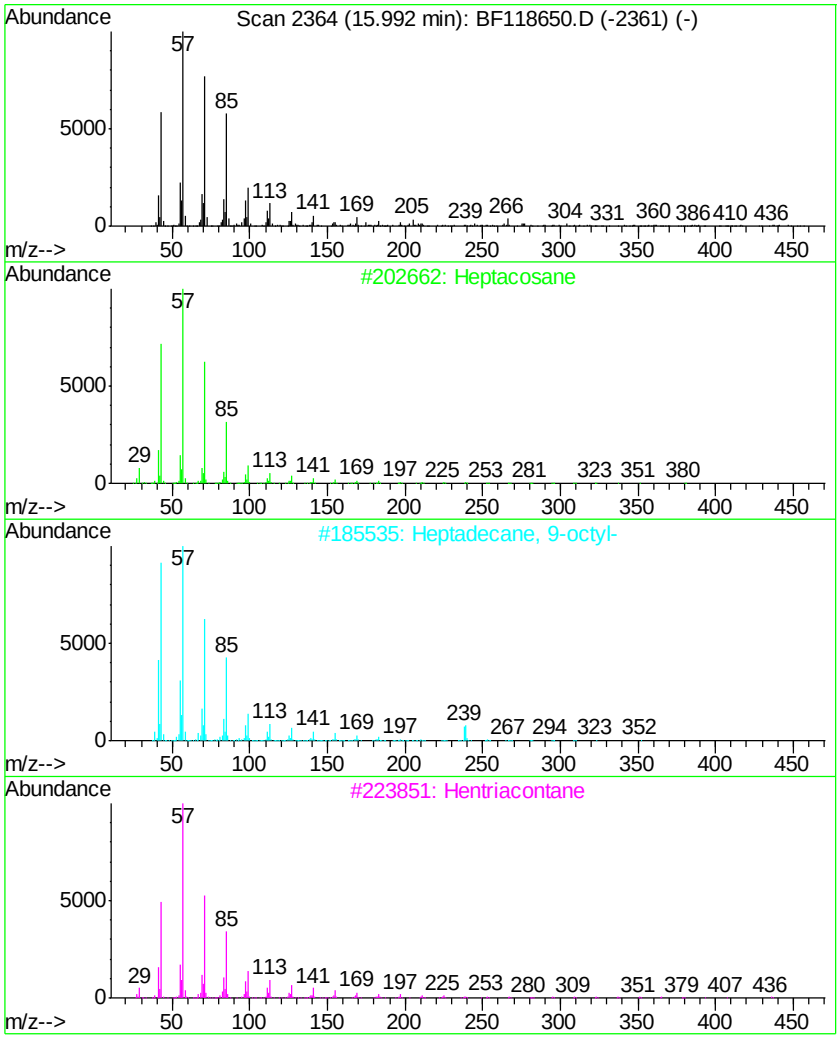
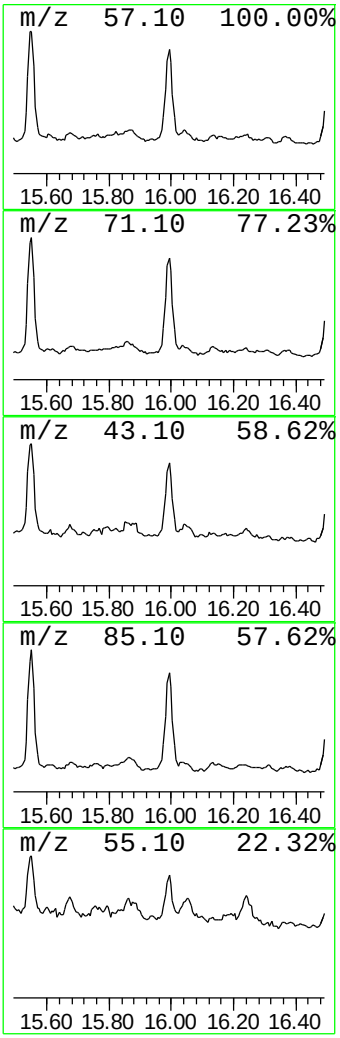
Peak Number 11 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	6.10 ng	691755	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Hentriacontane	437	C31H64	000630-04-6	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012120\
Data File : BF118650.D
Acq On : 21 Jan 2020 23:37
Operator : CG/JU
Sample : L1210-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q012-WC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.17	21.3	ng	2451860	1	6.87	2307580	20.0
Benzenesulfonamid...	10.80	2.2	ng	282262	4	11.40	2595000	20.0
n-Hexadecanoic acid	11.92	4.1	ng	529412	4	11.40	2595000	20.0
Octadecanoic acid	12.71	3.1	ng	400096	4	11.40	2595000	20.0
Cyclohexadecane	13.87	7.7	ng	1197460	5	14.03	3102550	20.0
Heneicosane	14.20	3.7	ng	576791	5	14.03	3102550	20.0
Octadecane	14.51	4.2	ng	643910	5	14.03	3102550	20.0
Octacosane	14.82	5.5	ng	627253	6	15.51	2266810	20.0
Hexacosane	15.16	11.1	ng	1253890	6	15.51	2266810	20.0
Heptacosane	15.99	6.1	ng	691755	6	15.51	2266810	20.0