LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

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-BF091020.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	2.457	59	63	69	rVB	92488	136506	1.13%	0.285%
2	4.575	413	423	426	rBV	7036498	12083488	100.00%	25.225%
3	5.457	569	573	588	rVB	3055438	2881435	23.85%	6.015%
4	6.475	742	746	755	rBV	3024806	3003859	24.86%	6.271%
5	6.663	775	778	788	rVB	178898	181162	1.50%	0.378%
6	6.834	803	807	810	rBV	1423458	1145702	9.48%	2.392%
7	7.392	897	902	905	rBV	2253358	1976162	16.35%	4.125%
8	8.116	1016	1025	1028	rBV	1802819	1527955	12.64%	3.190%
9	9.192	1202	1208	1211	rBV	3856256	3592130	29.73%	7.499%
10	9.310	1223	1228	1232	rBV	371018	321286	2.66%	0.671%
11	9.580	1271	1274	1278	rVB	513498	392663	3.25%	0.820%
12	9.869	1318	1323	1326	rBV	2007351	1713615	14.18%	3.577%
13	10.245	1383	1387	1389	rVB	176647	147556	1.22%	0.308%
14	10.457	1419	1423	1429	rBV	88632	136001	1.13%	0.284%
15	10.657	1452	1457	1460	rBV	2592819	2298658	19.02%	4.799%
16	10.933	1495	1504	1505	rBV2	76682	145630	1.21%	0.304%
17	11.351	1571	1575	1577	rBV	2062295	1752329	14.50%	3.658%
18	11.374	1577	1579	1582	rVV	501485	374463	3.10%	0.782%
19	11.880	1662	1665	1669	rBV	514179	460236	3.81%	0.961%
20	11.963	1675	1679	1681	rBV2	146788	150306	1.24%	0.314%
21	12.404	1750	1754	1756	rBV	107553	129019	1.07%	0.269%
22	12.563	1777	1781	1784	rBV	1253370	1048087	8.67%	2.188%
23	12.663	1794	1798	1800	rBV2	111253	126766	1.05%	0.265%
24	12.792	1814	1820	1822	rBV	1118833	1028560	8.51%	2.147%
25	12.939	1841	1845	1848	rVB	3989919	3543335	29.32%	7.397%
26	13.010	1853	1857	1860	rBV3	99233	139275	1.15%	0.291%
27	13.116	1873	1875	1879	rVB	152264	154781	1.28%	0.323%
28	13.221	1889	1893	1896	rBV2	130762	127935	1.06%	0.267%
29	13.510	1940	1942	1949	rVB2	103166	136024	1.13%	0.284%
30	13.845	1994	1999	2008	rVV2	405425	692305	5.73%	1.445%
31	13.986	2018	2023	2026	rBV2	1646417	2000762	16.56%	4.177%
32	14.010	2026	2027	2033	rVB	540593	473856	3.92%	0.989%
33	14.463	2101	2104	2106	rBV2	213218	197475	1.63%	0.412%
34	15.021	2195	2199	2202	rBV	517434	797445	6.60%	1.665%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.098	2209	2212	2215	rBV2	180707	201966	1.67%	0.422%
36	15.315	2246	2249	2255	rVB	291019	402846	3.33%	0.841%
37	15.380	2256	2260	2266	rVB	382204	446701	3.70%	0.933%
38	15.445	2266	2271	2274	rBV	1051868	1258871	10.42%	2.628%
39	15.909	2347	2350	2356	rVB	197211	257387	2.13%	0.537%
40	16.880	2511	2515	2522	rBV2	178592	318026	2.63%	0.664%

Sum of corrected areas: 47902564

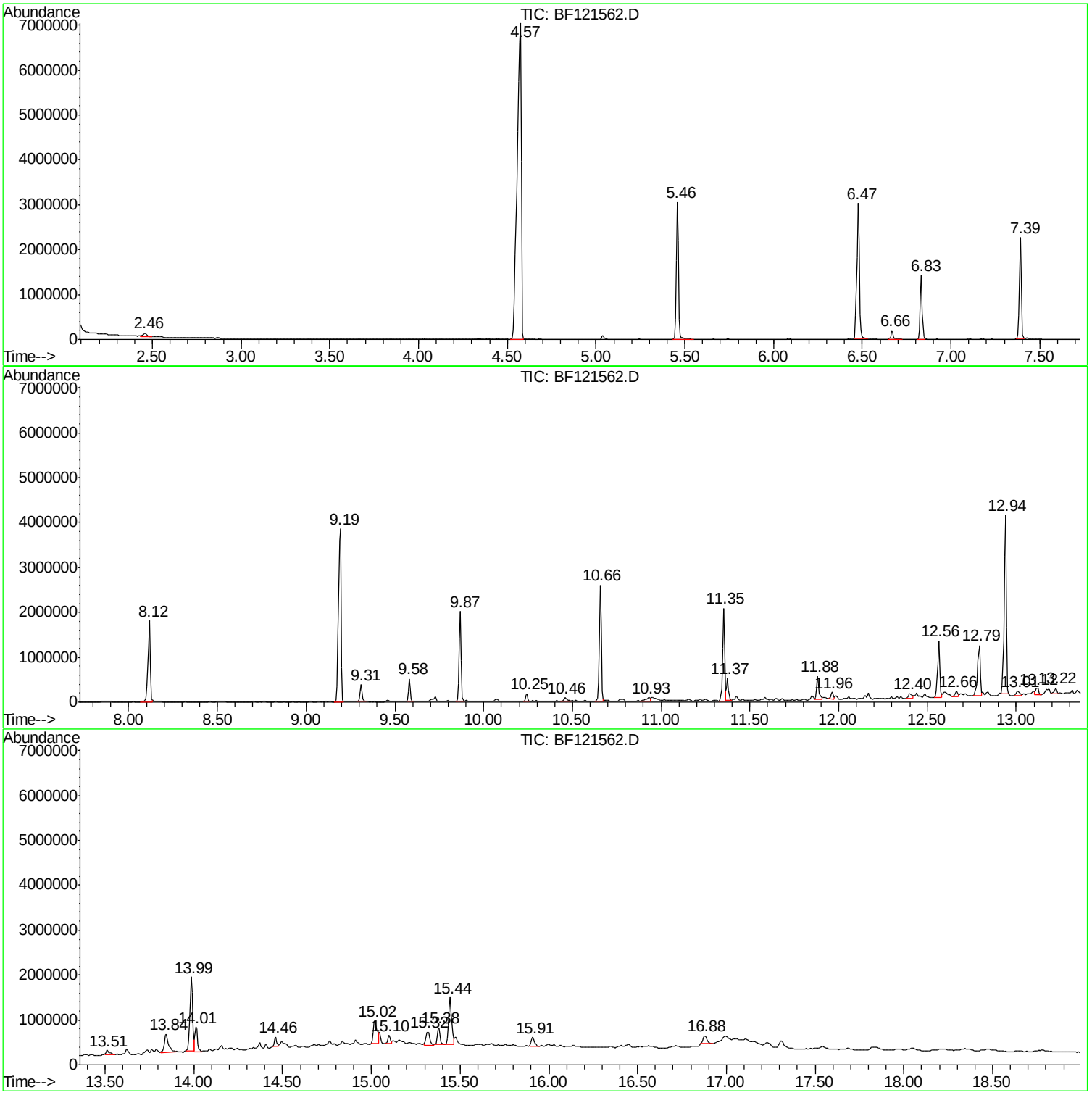
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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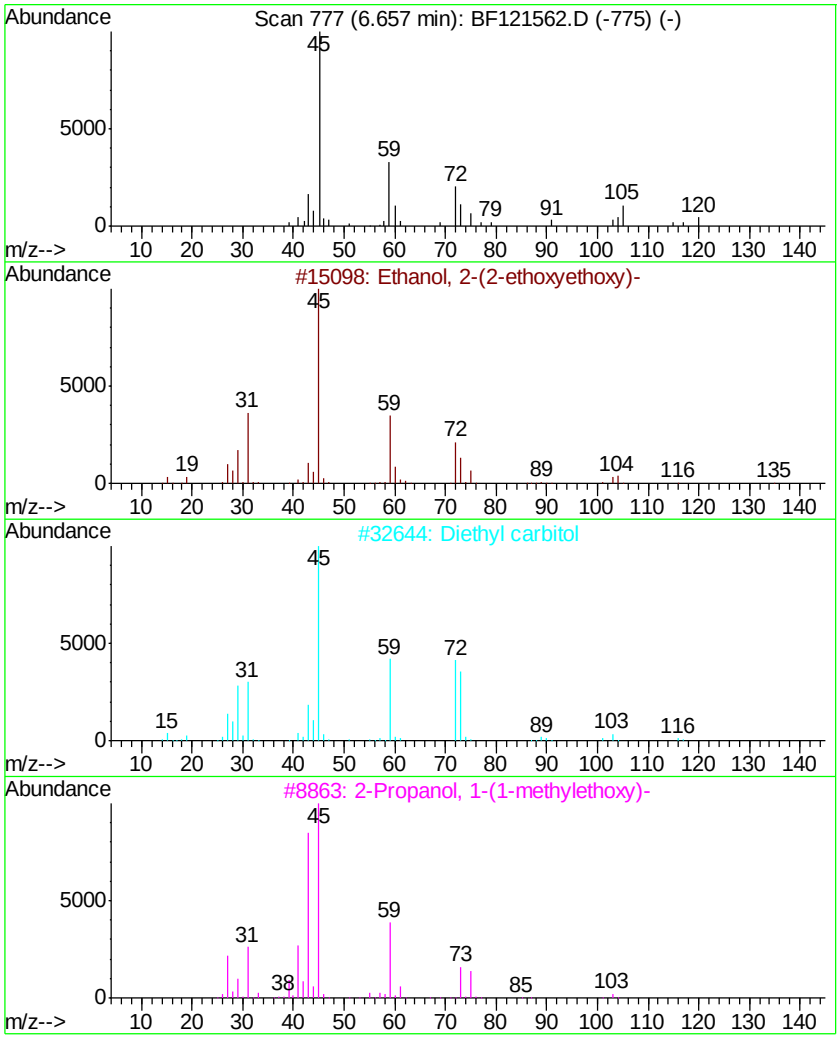
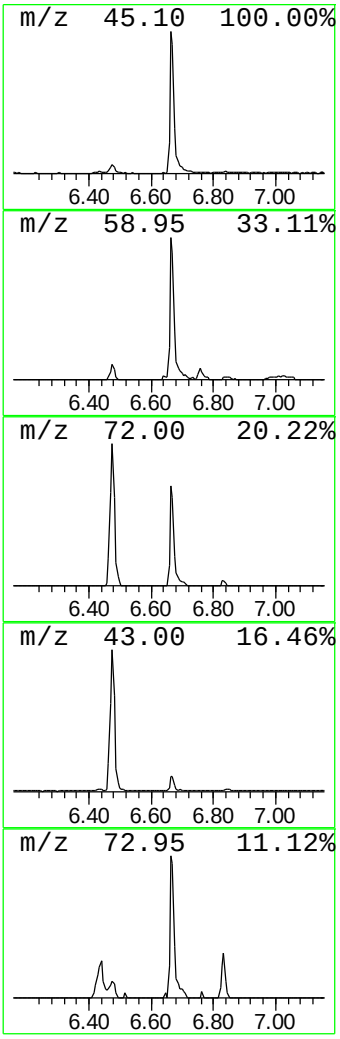
Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	3.16 ng	181162	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

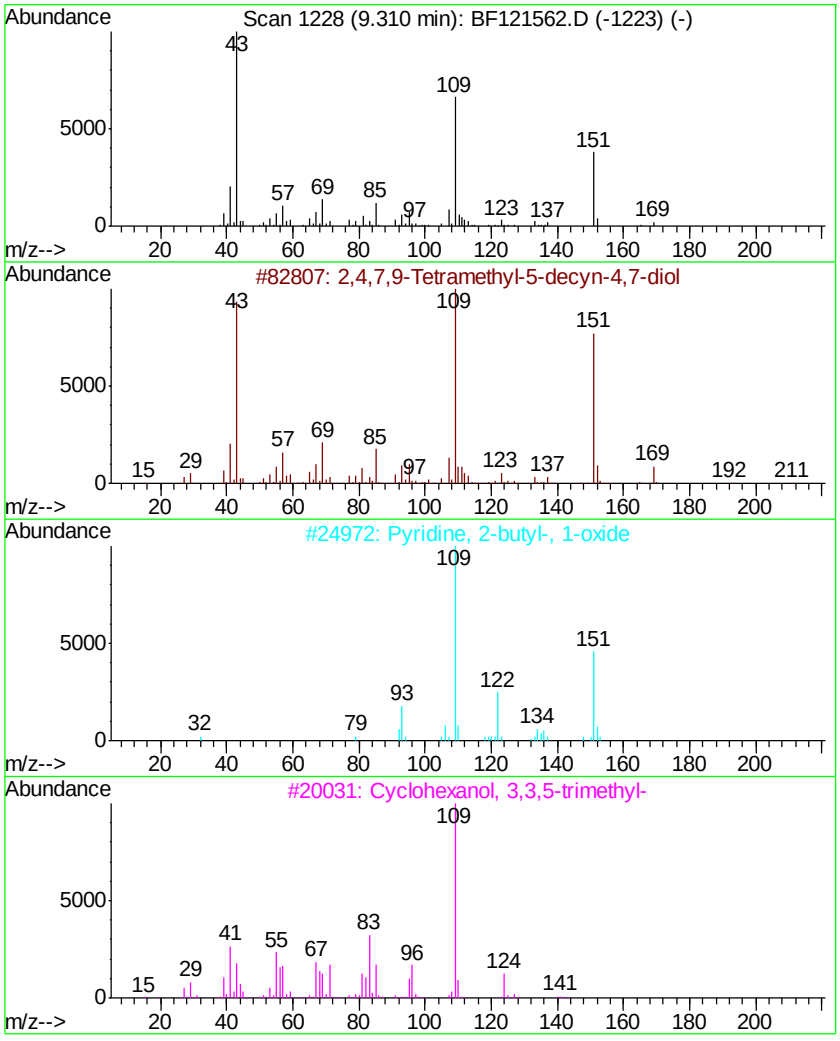
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

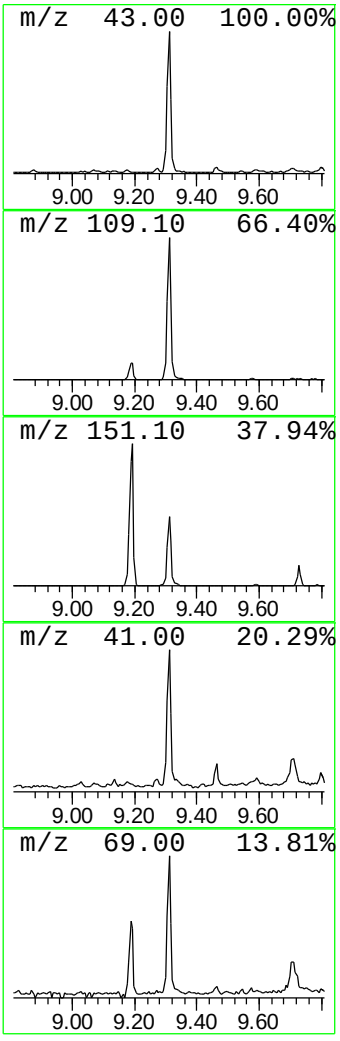
****

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	3.75 ng	321286	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	50
4	Metacetamol	151	C8H9NO2	000621-42-1	47
5	Acetaminophen	151	C8H9NO2	000103-90-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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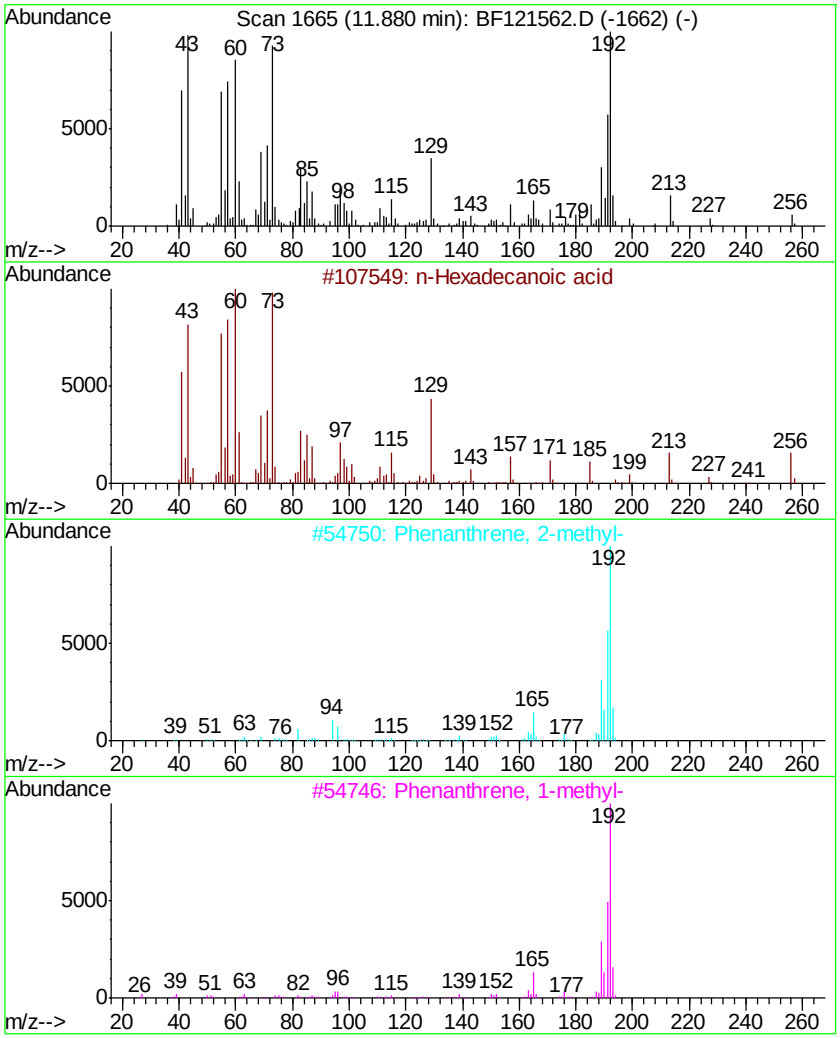
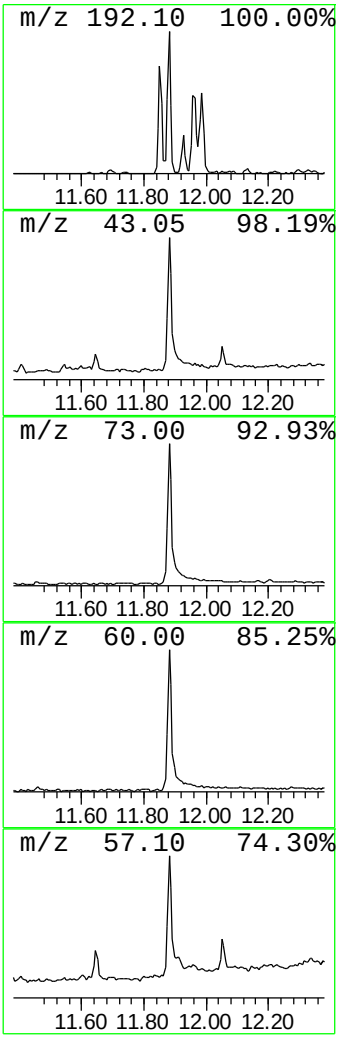
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.25 ng	460236	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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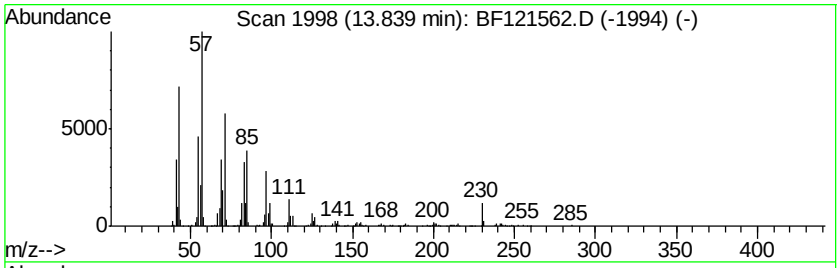
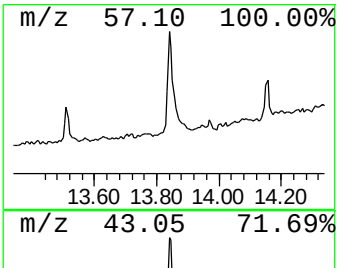
Peak Number 6 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.92 ng	692305	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	92
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

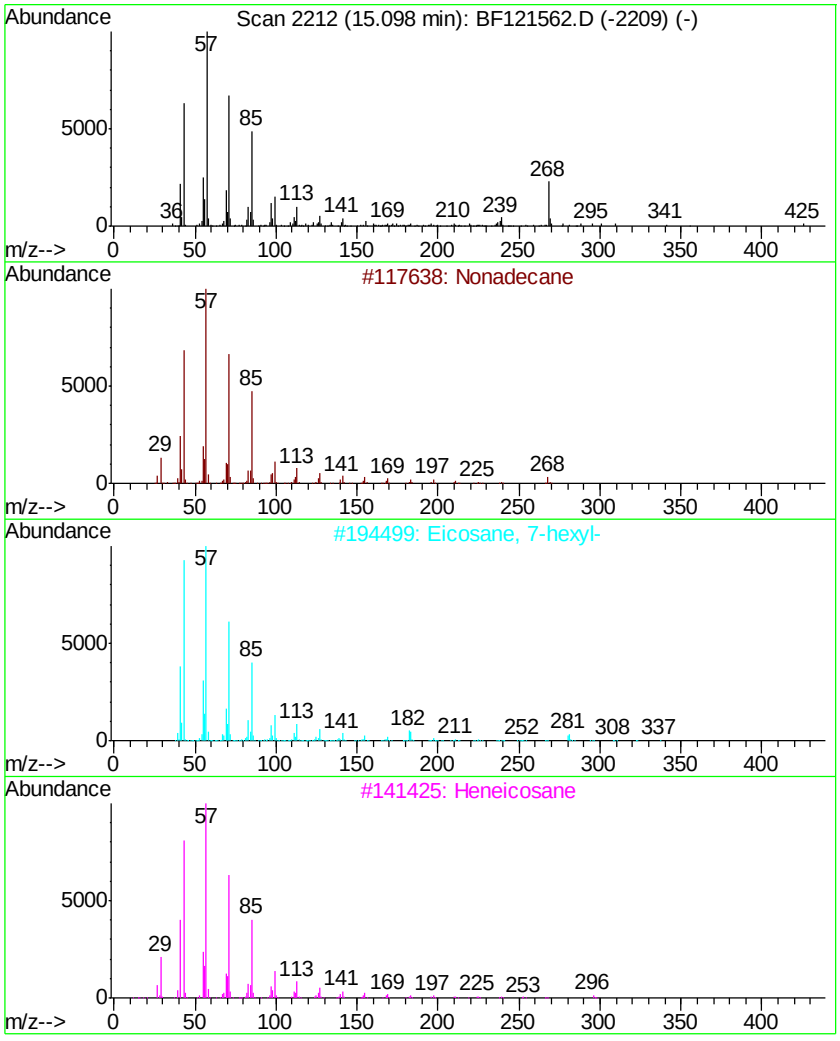
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

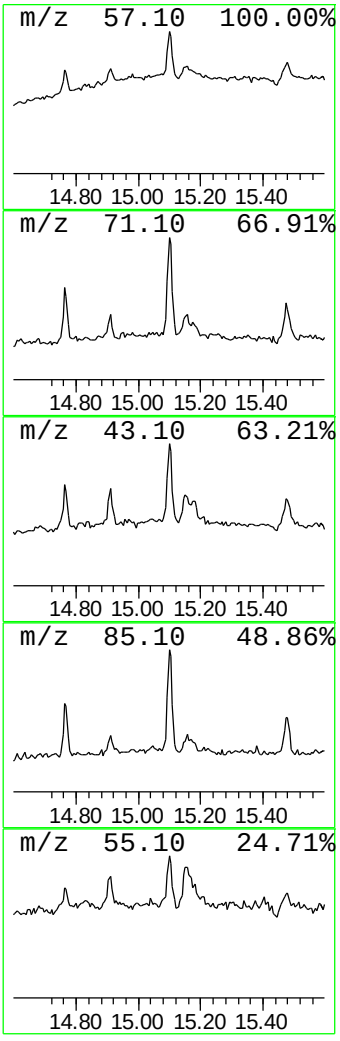
****

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.21 ng	201966	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Docosane	310	C22H46	000629-97-0	72





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Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

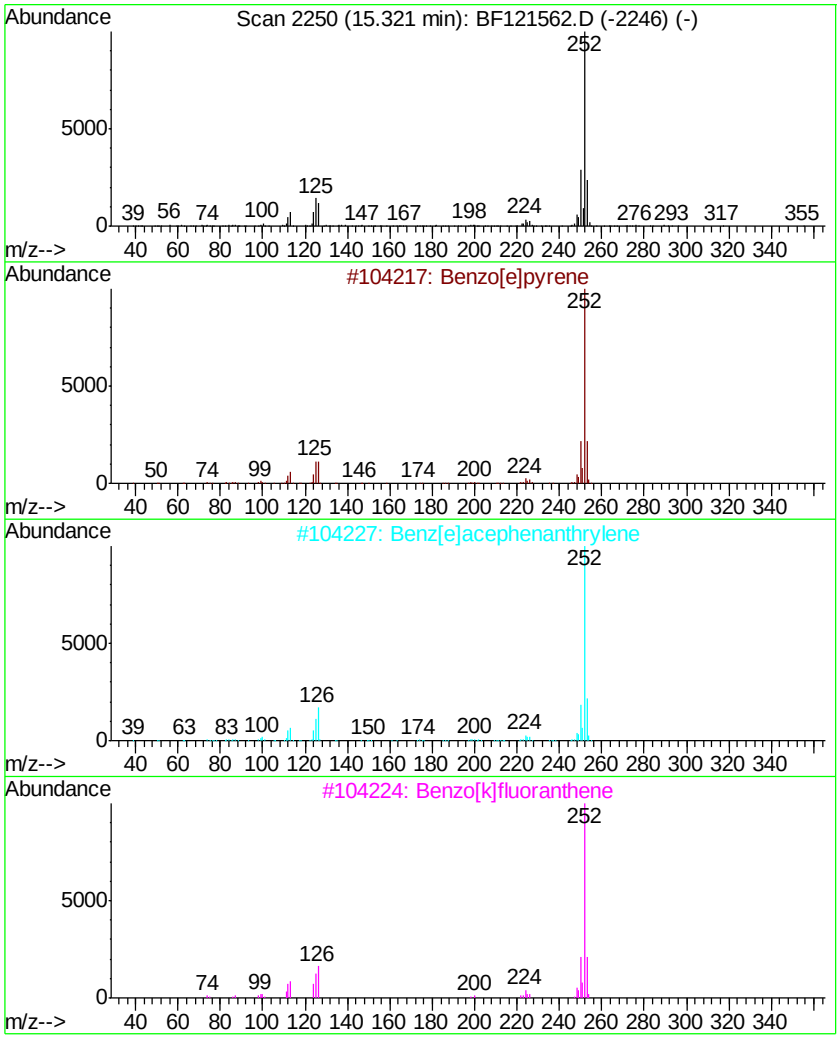
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

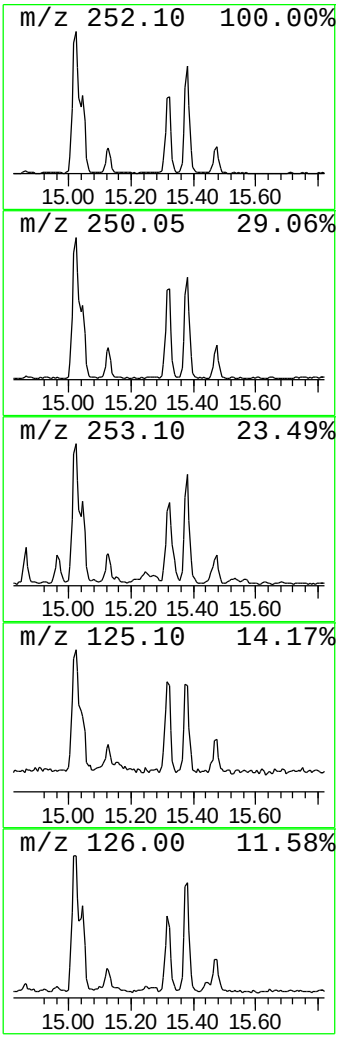
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.40 ng	402846	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Library Search Compound Report

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Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

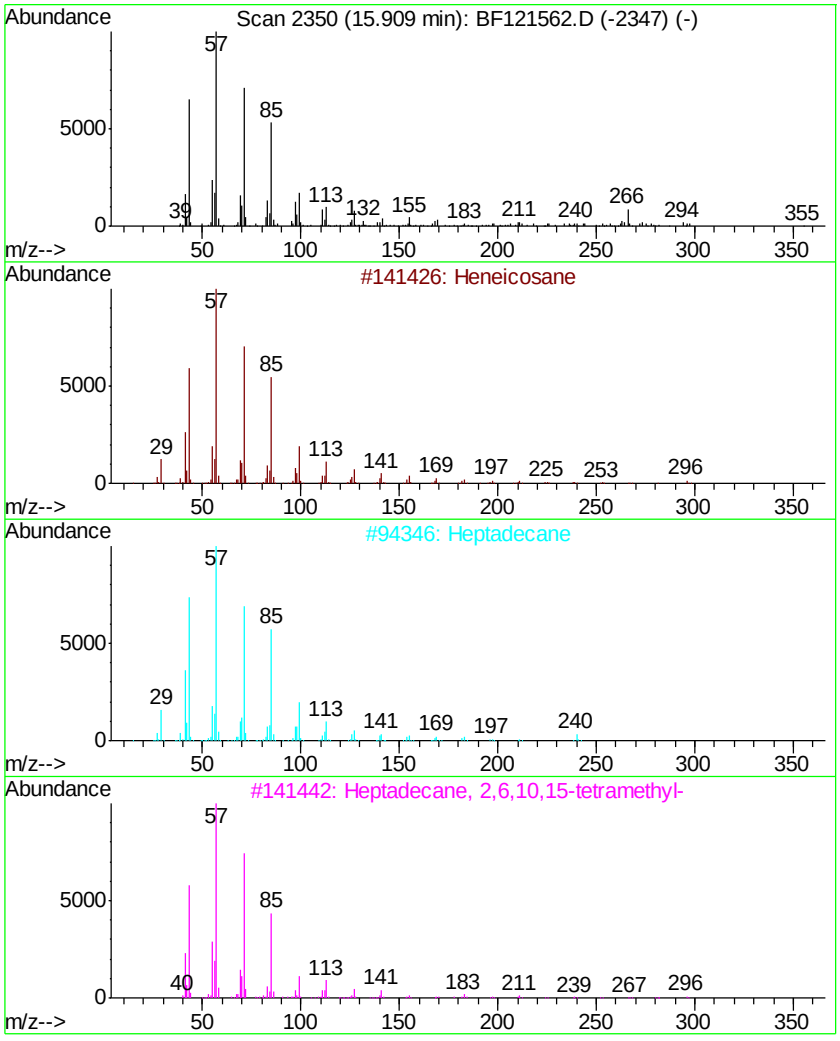
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

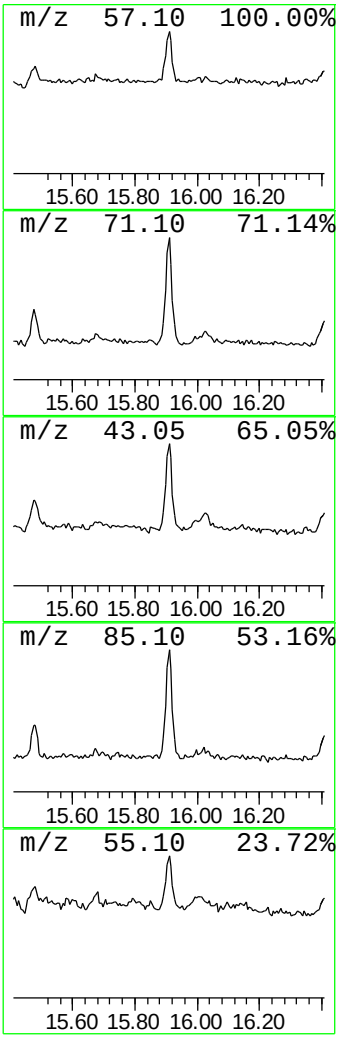
****

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.09 ng	257387	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Hexadecane	226	C16H34	000544-76-3	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091420\
Data File : BF121562.D
Acq On : 14 Sep 2020 16:01
Operator : JU/CG
Sample : L3981-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B18-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Ethanol, 2-(2-eth...	6.66	3.2	ng	181162	1	6.83	1145700	20.0
2,4,7,9-Tetrameth...	9.31	3.8	ng	321286	3	9.87	1713620	20.0
n-Hexadecanoic acid	11.88	5.3	ng	460236	4	11.35	1752330	20.0
1-Heneicosanol	13.84	6.9	ng	692305	5	13.99	2000760	20.0
Nonadecane	15.10	3.2	ng	201966	6	15.44	1258870	20.0
Benzo[e]pyrene	15.32	6.4	ng	402846	6	15.44	1258870	20.0
Heneicosane	15.91	4.1	ng	257387	6	15.44	1258870	20.0