LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BALL-1

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	14	19	28	rVB	277230	364641	2.99%	0.817%
2	4.516	409	413	419	rVB	157871	175925	1.44%	0.394%
3	5.128	512	517	520	rBV	754236	707470	5.80%	1.585%
4	5.522	580	584	588	rBV	1305089	1163466	9.55%	2.607%
5	6.528	750	755	759	rBV	1837954	1573656	12.91%	3.526%
6	6.669	776	779	788	rVB	318896	298429	2.45%	0.669%
7	6.916	817	821	825	rBV	1328671	1039996	8.53%	2.330%
8	6.975	828	831	834	rBV	651576	467743	3.84%	1.048%
9	7.051	838	844	846	rBV	9845463	12187700	100.00%	27.308%
10	7.469	909	915	919	rBV	1231780	1139791	9.35%	2.554%
11	7.522	920	924	927	rVB	129958	127782	1.05%	0.286%
12	8.198	1033	1039	1042	rBV2	1601566	1875604	15.39%	4.202%
13	8.263	1047	1050	1053	rVB	208969	178153	1.46%	0.399%
14	8.345	1061	1064	1068	rBV	135162	143286	1.18%	0.321%
15	8.498	1087	1090	1095	rBV3	219626	251272	2.06%	0.563%
16	8.545	1095	1098	1101	rVB3	144314	132501	1.09%	0.297%
17	8.581	1101	1104	1108	rVB	220075	188848	1.55%	0.423%
18	8.622	1108	1111	1114	rBV	307070	276160	2.27%	0.619%
19	8.792	1137	1140	1145	rVB	984617	796882	6.54%	1.785%
20	9.275	1218	1222	1225	rBV	2792629	2205564	18.10%	4.942%
21	9.363	1233	1237	1242	rBV	257049	253165	2.08%	0.567%
22	9.957	1335	1338	1342	rVB	1702563	1439221	11.81%	3.225%
23	10.745	1468	1472	1475	rBV	433135	381787	3.13%	0.855%
24	10.869	1490	1493	1501	rVB	108033	143052	1.17%	0.321%
25	11.310	1562	1568	1572	rBV2	311567	311062	2.55%	0.697%
26	11.451	1588	1592	1594	rBV	1602818	1364526	11.20%	3.057%
27	11.475	1594	1596	1599	rVV	537984	405858	3.33%	0.909%
28	11.522	1602	1604	1607	rVB	157500	132985	1.09%	0.298%
29	12.010	1685	1687	1693	rBV	226488	223525	1.83%	0.501%
30	12.069	1693	1697	1699	rBV	146115	145548	1.19%	0.326%
31	12.439	1756	1760	1765	rBV2	135315	152473	1.25%	0.342%
32	12.669	1795	1799	1802	rBV	1489714	1230627	10.10%	2.757%
33	12.898	1832	1838	1840	rBV	1247885	1325648	10.88%	2.970%
34	12.916	1840	1841	1844	rVB	166425	122539	1.01%	0.275%
35	13.039	1859	1862	1870	rVB	2490253	2140649	17.56%	4.796%
36	13.121	1870	1876	1878	rBV2	94792	174861	1.43%	0.392%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BALL-1

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.227	1891	1894	1897	rVB	315588	274358	2.25%	0.615%
38	13.292	1900	1905	1908	rBV2	369960	379714	3.12%	0.851%
39	13.516	1941	1943	1948	rVB	186924	162235	1.33%	0.364%
40	13.939	2012	2015	2020	rVB3	308317	338619	2.78%	0.759%
41	14.098	2037	2042	2045	rBV3	1785288	2457700	20.17%	5.507%
42	14.121	2045	2046	2050	rVB	823204	656653	5.39%	1.471%
43	14.204	2058	2060	2064	rVB	191222	153627	1.26%	0.344%
44	14.580	2121	2124	2127	rVB2	227012	220100	1.81%	0.493%
45	15.157	2218	2222	2225	rBV	730646	1152562	9.46%	2.582%
46	15.462	2271	2274	2281	rVB	464986	626657	5.14%	1.404%
47	15.527	2281	2285	2291	rVV	681008	799139	6.56%	1.791%
48	15.598	2292	2297	2300	rVV	1084811	1352829	11.10%	3.031%
49	15.627	2300	2302	2309	rVB3	251290	379359	3.11%	0.850%
50	17.098	2549	2552	2562	rVB2	244277	434923	3.57%	0.974%

Sum of corrected areas: 44630870

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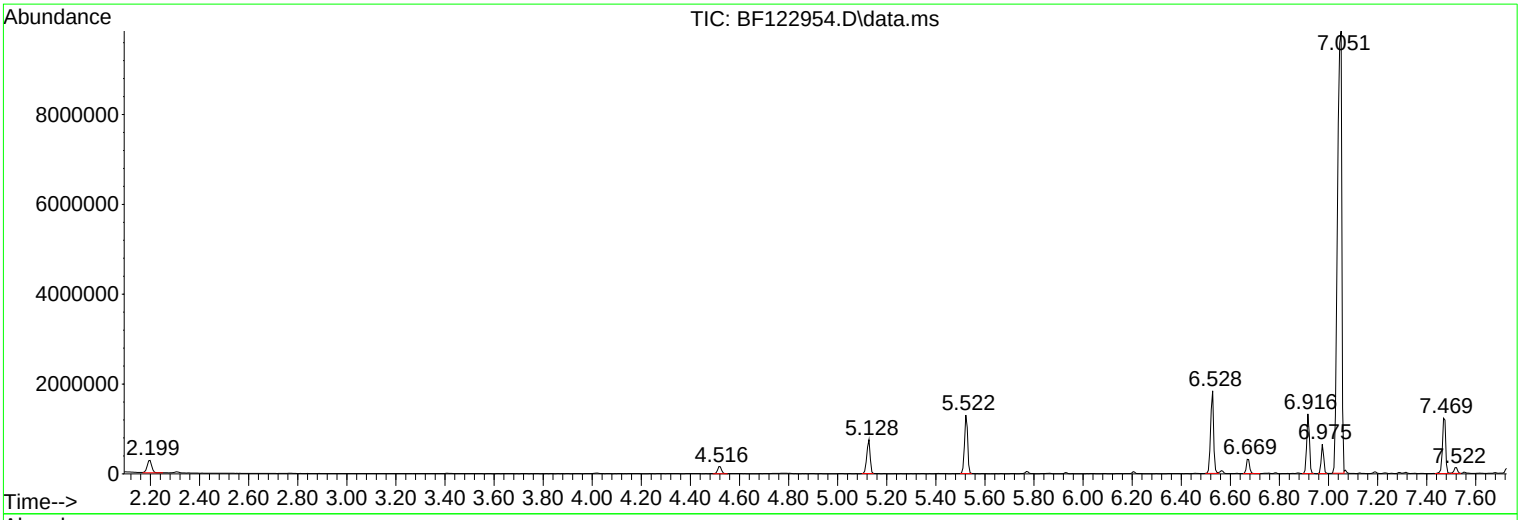
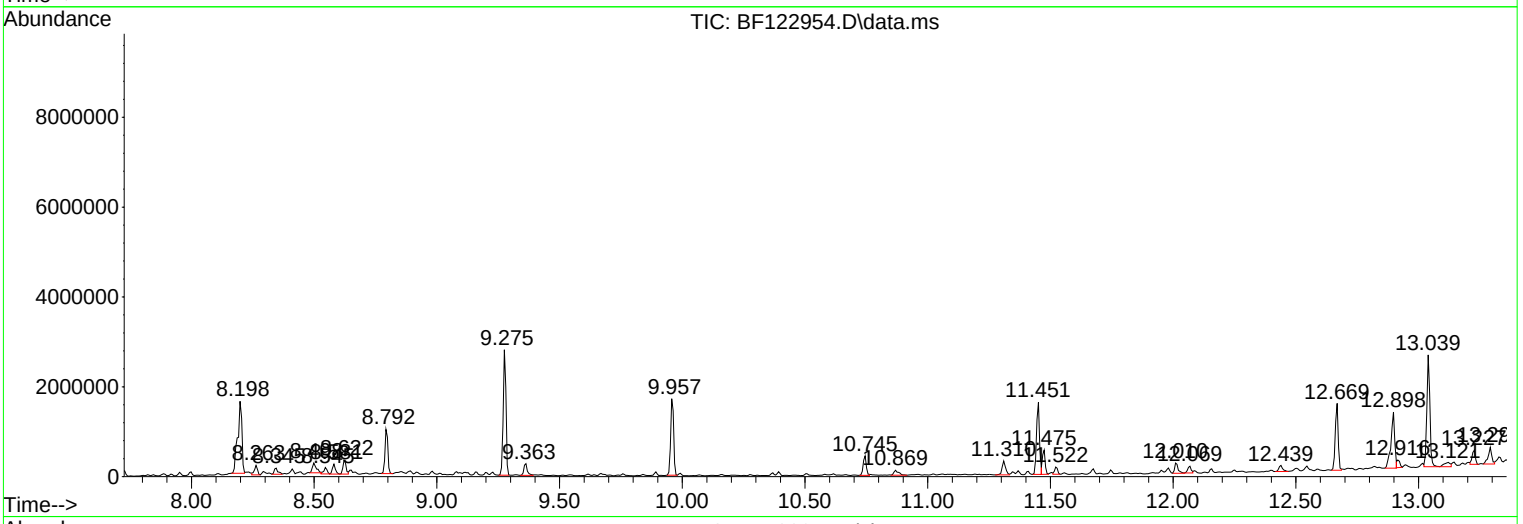
Misc :
ALS Vial : 20 Sample Multiplier: 1

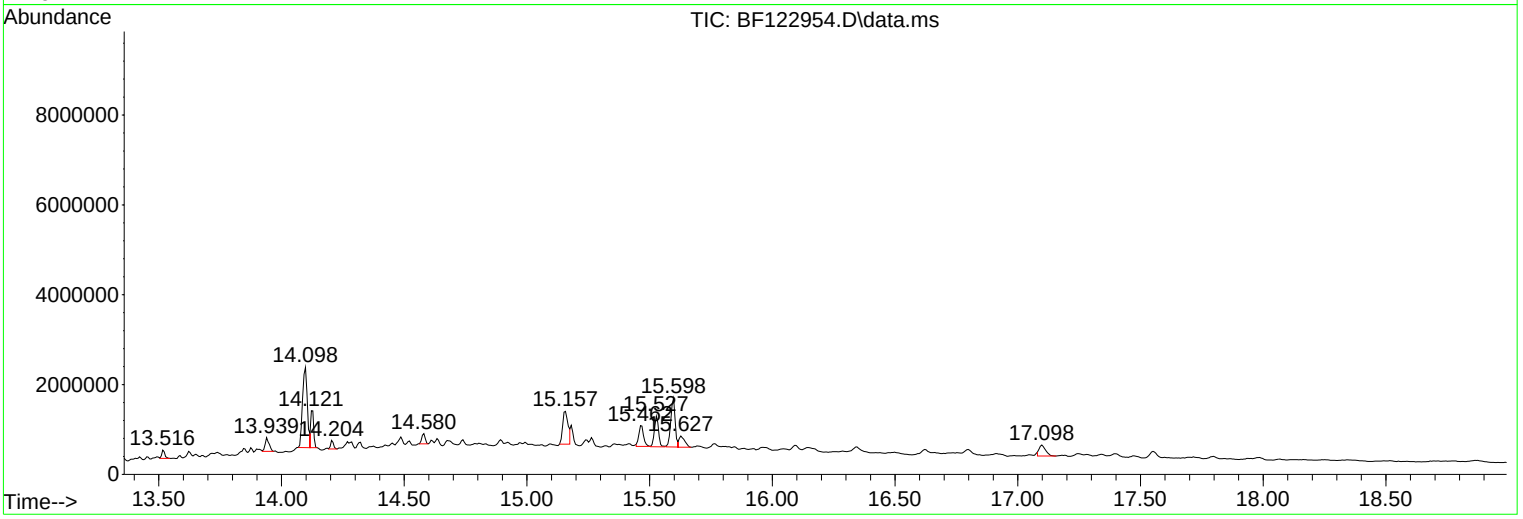
Instrument :
BNA_F
ClientSampleId :
BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

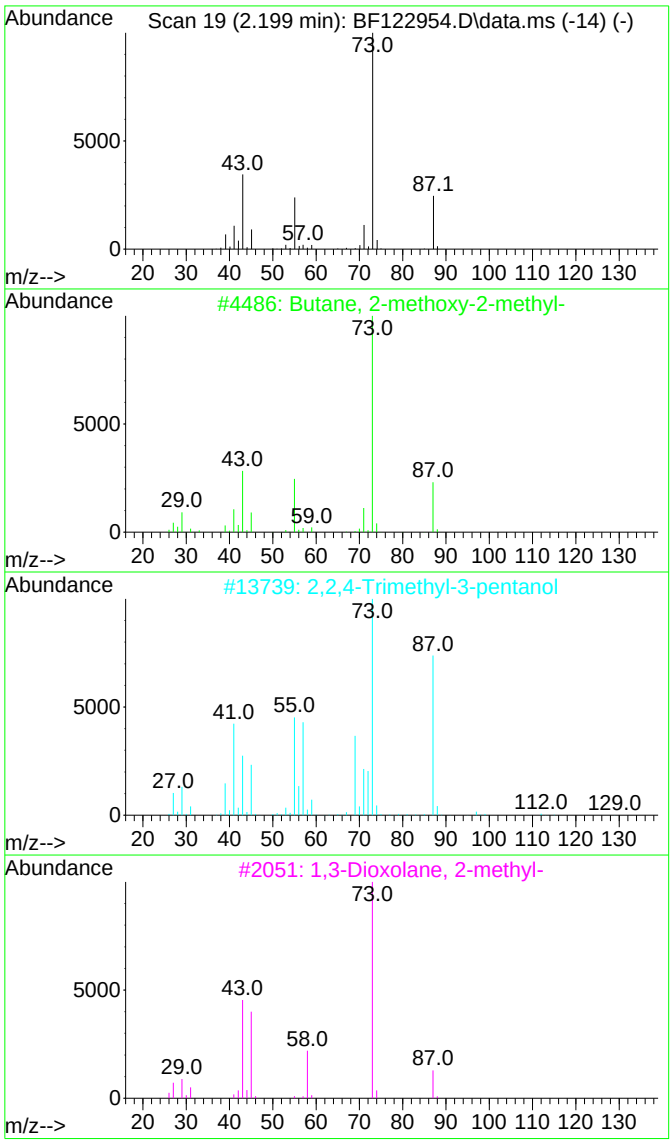
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

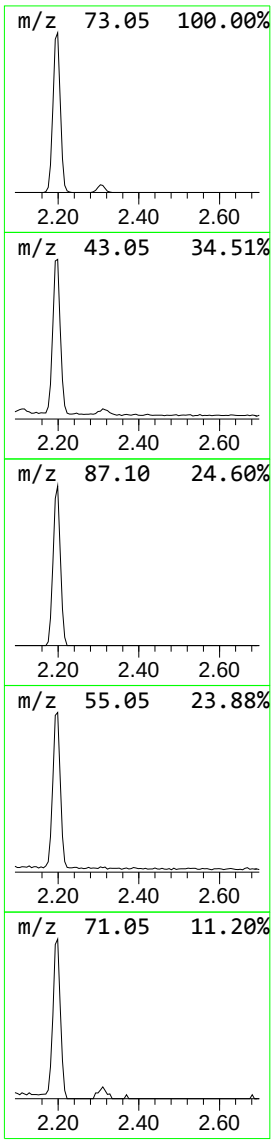
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	7.01 ng	364641	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

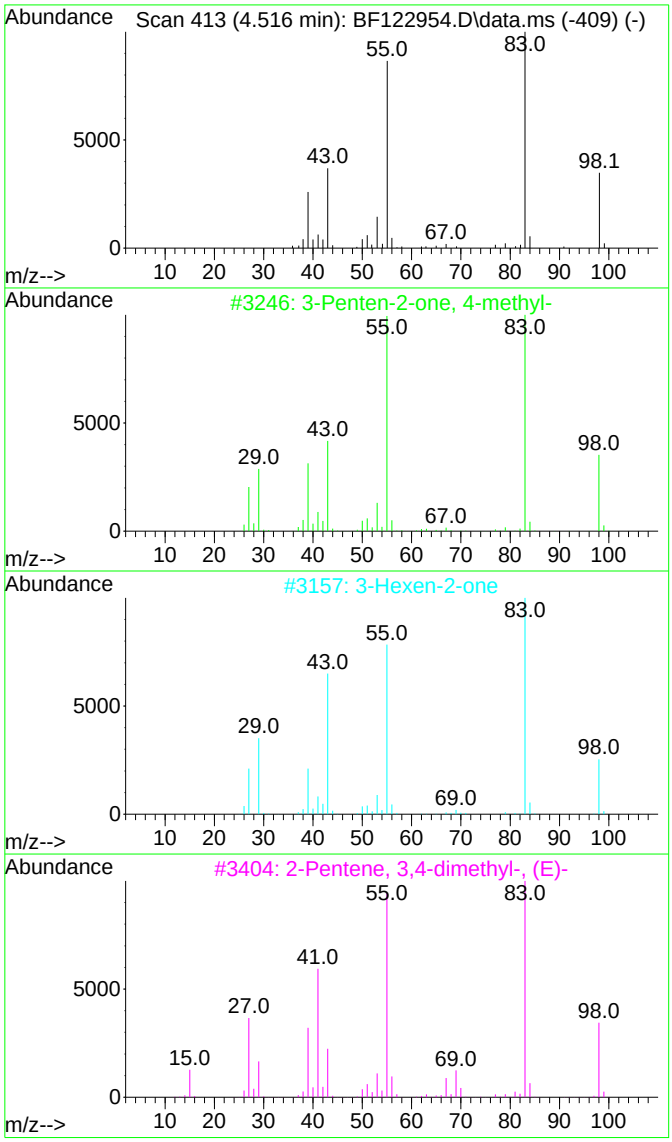
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

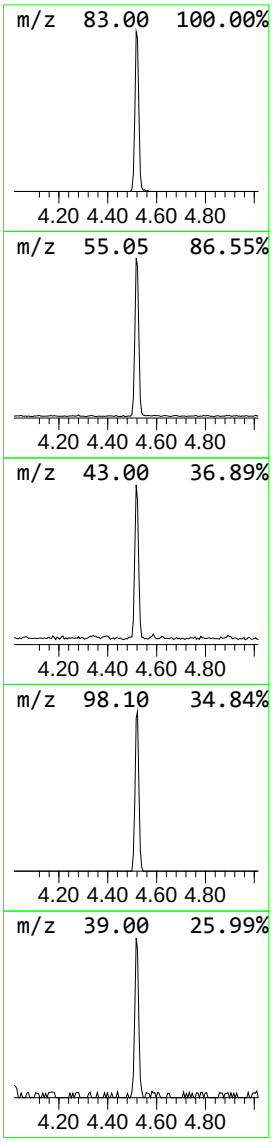
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	3.38 ng	175925	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

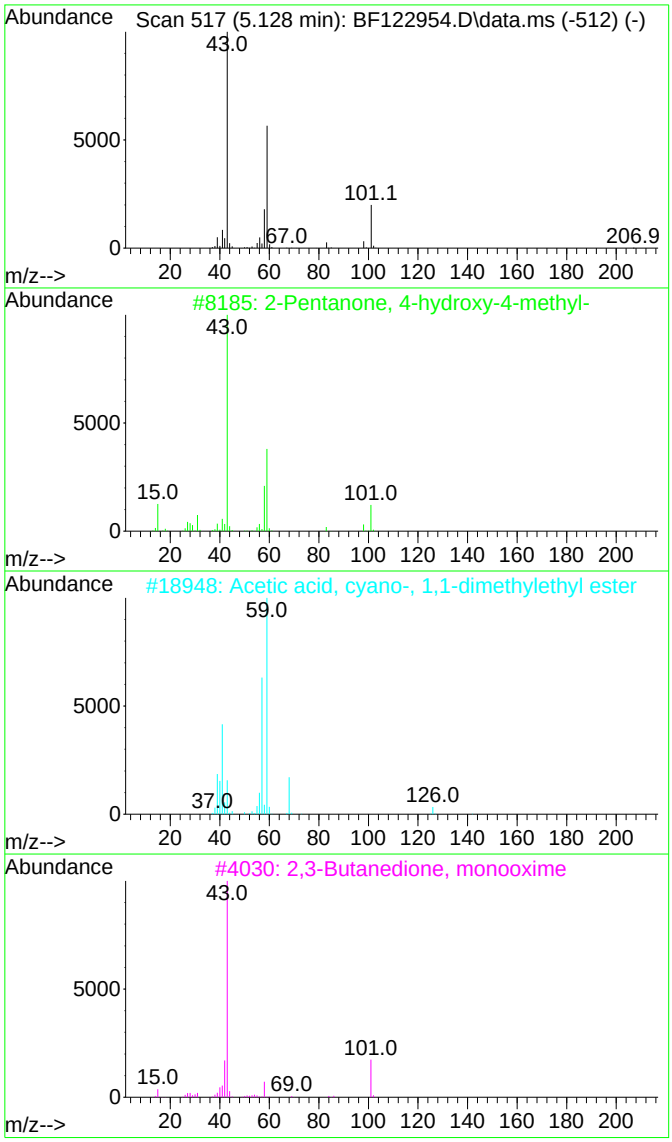
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

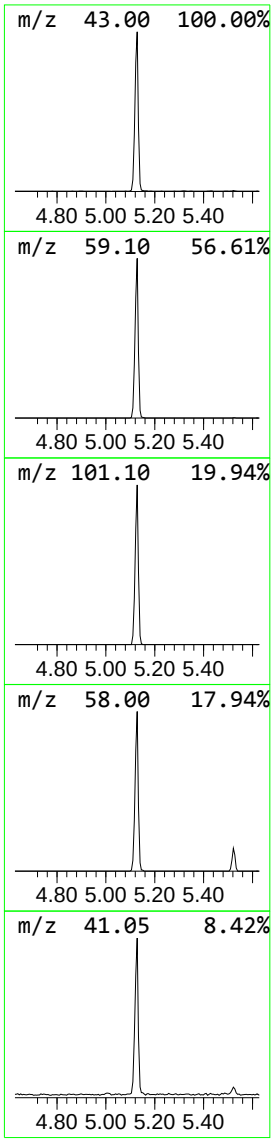
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	13.61 ng	707470	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

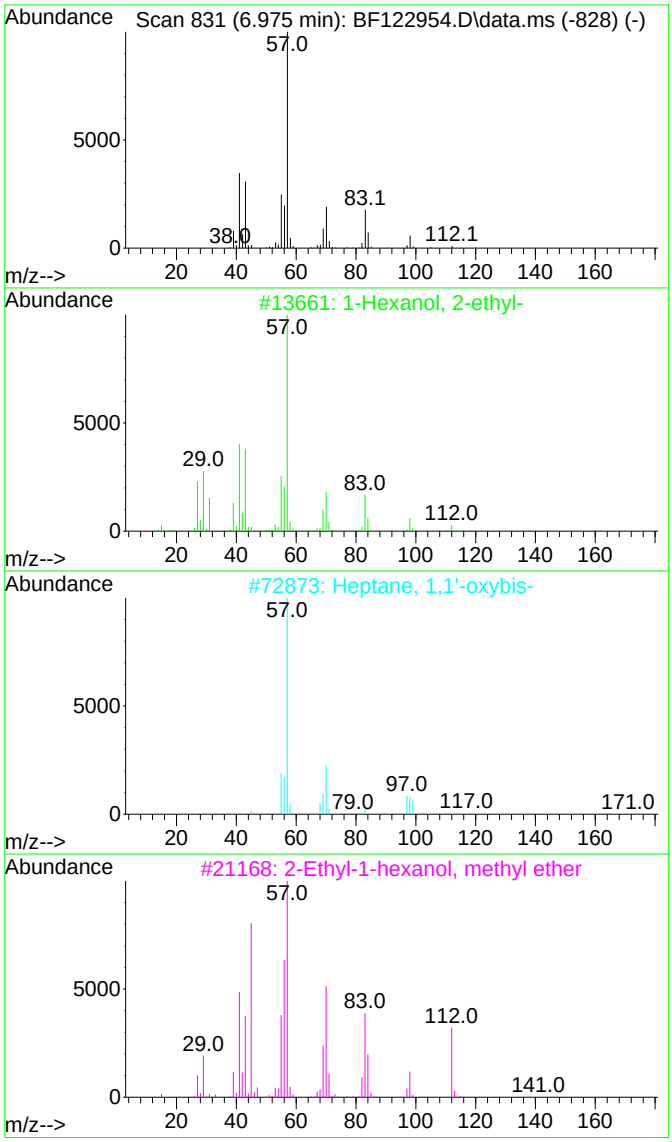
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

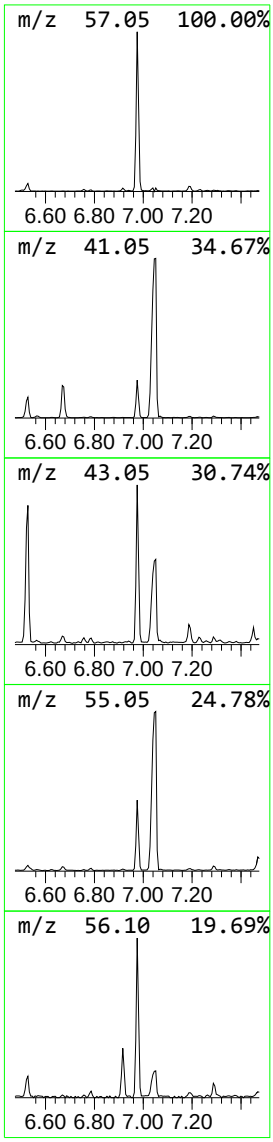
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	9.00 ng	467743	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	72
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	42
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	42





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Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

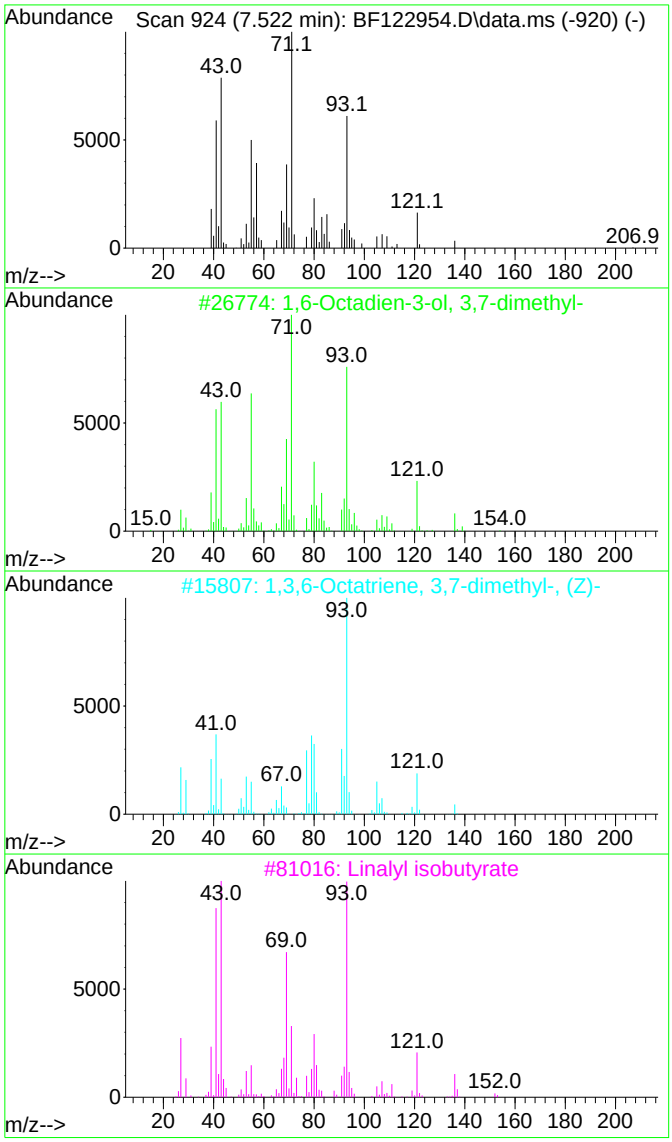
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

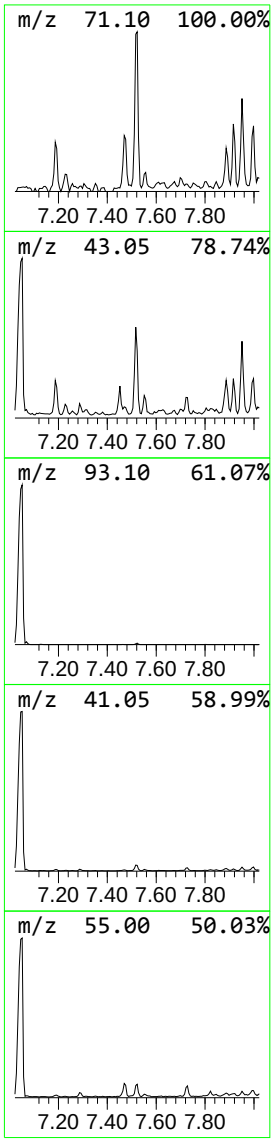
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,6-Octadien-3-ol, 3,7-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	2.46 ng	127782	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	78
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	46
3	Linalyl isobutyrate	224	C14H24O2	000078-35-3	43
4	Linalyl acetate	196	C12H20O2	000115-95-7	43
5	1,6-Octadien-3-ol, 3,7-dimethyl-...	273	C17H23NO2	007149-26-0	43





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

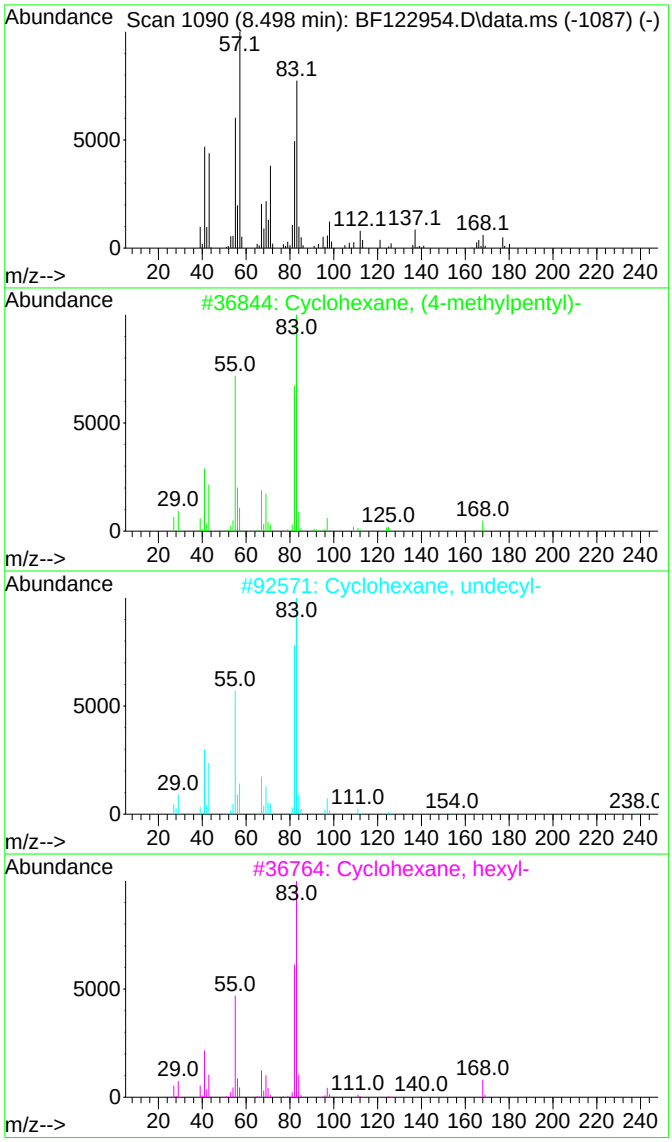
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

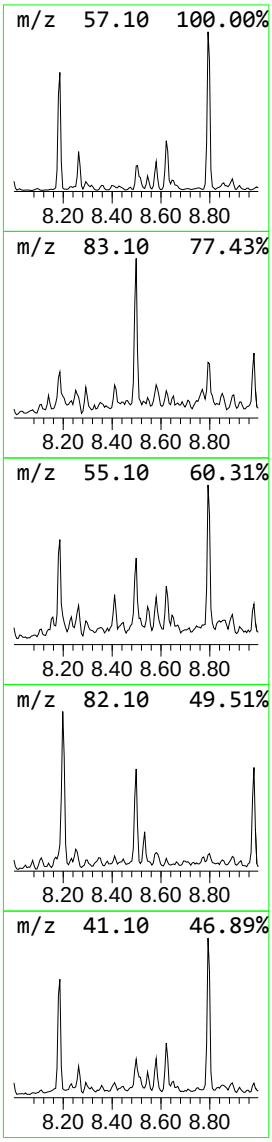
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	2.68 ng	251272	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

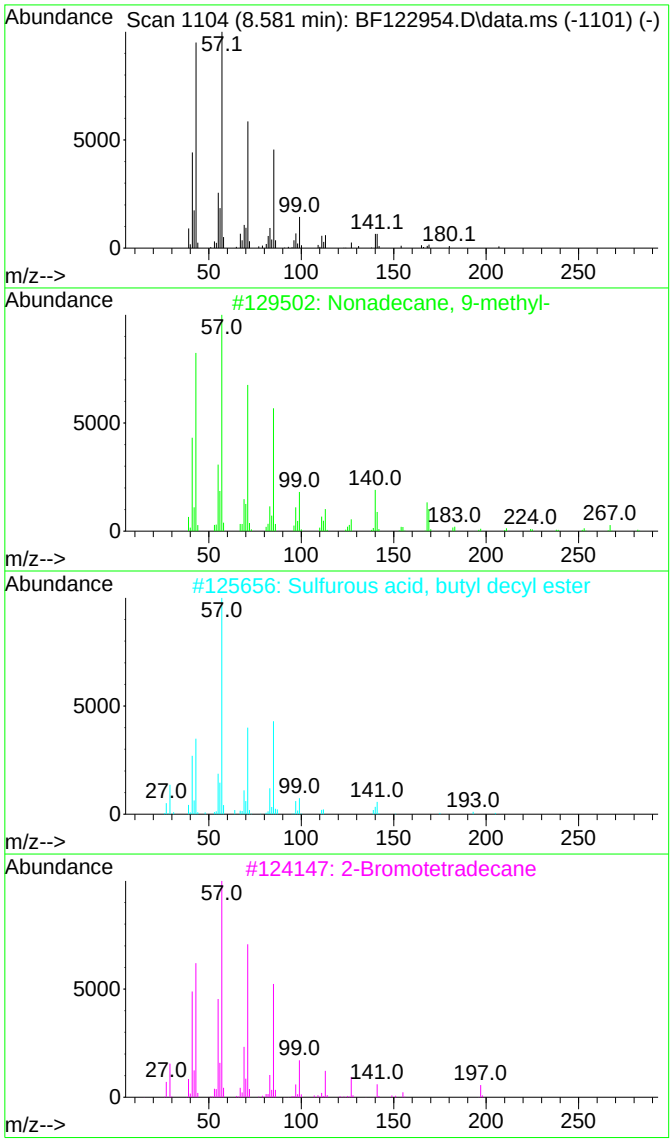
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

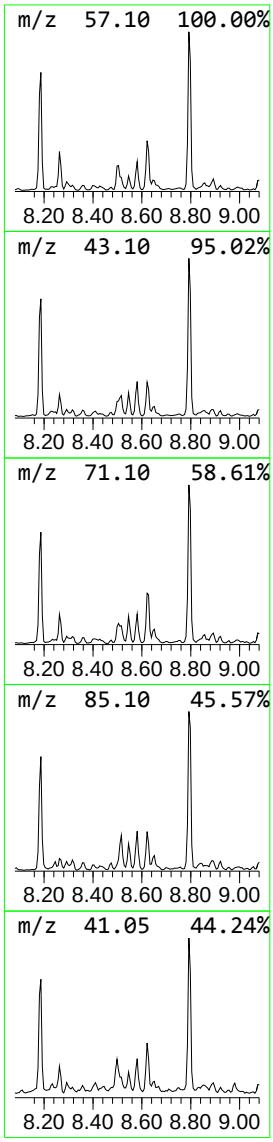
****

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	2.01 ng	188848	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	86
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4	9-methylheptadecane	254	C18H38	026741-18-4	78
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122954.D
Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

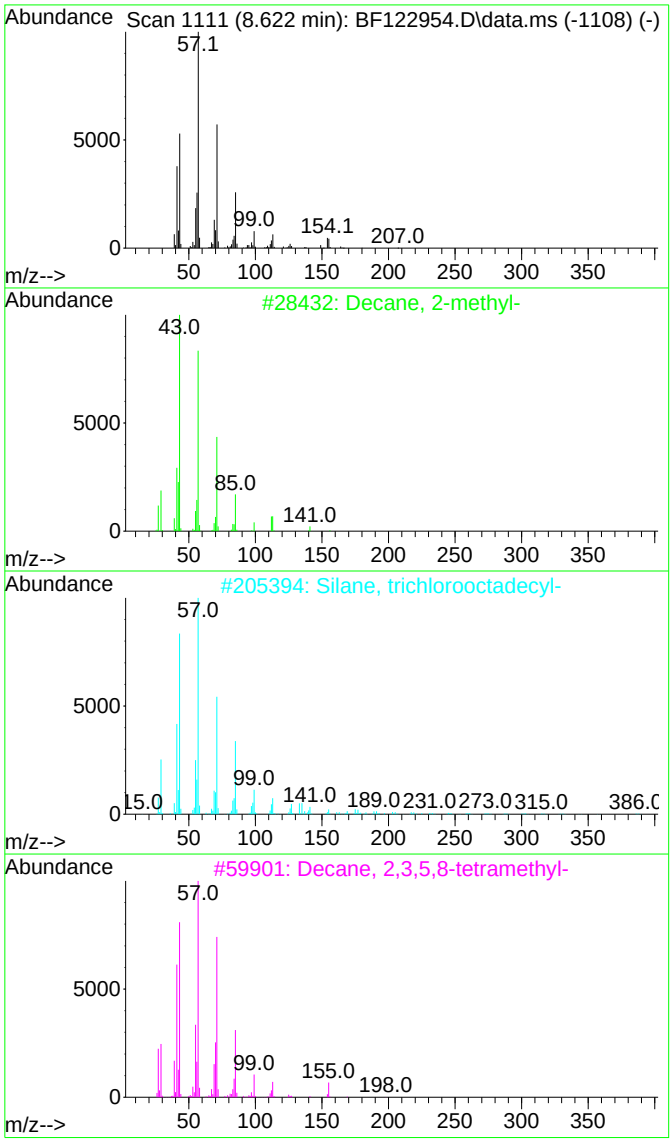
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

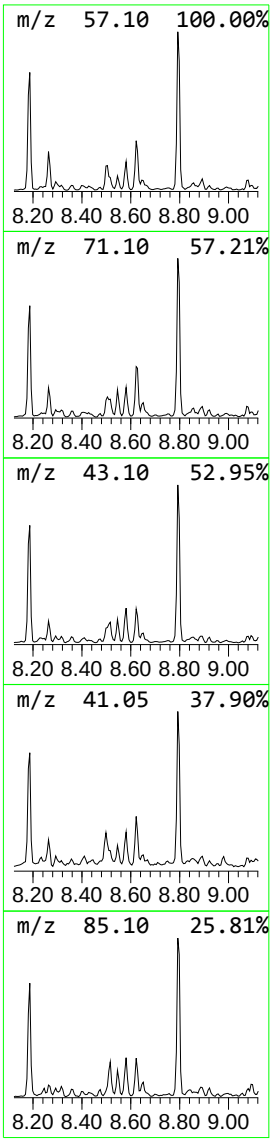
****

Peak Number 8 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.622	2.94 ng	276160	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





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Acq On : 8 Jan 2021 22:07
Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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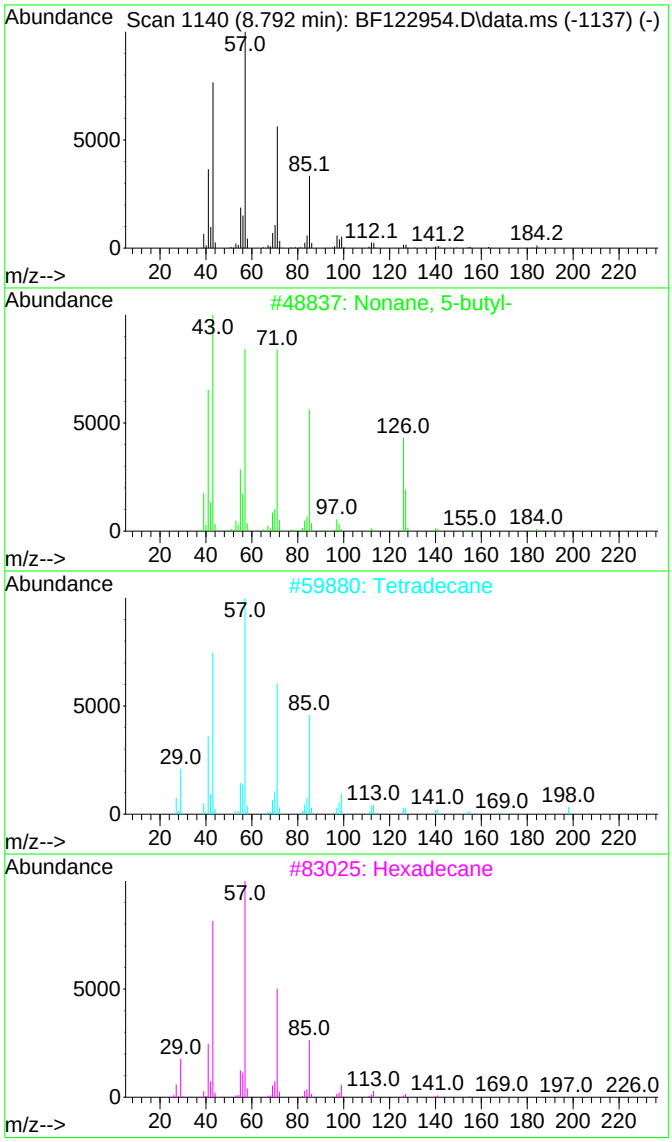
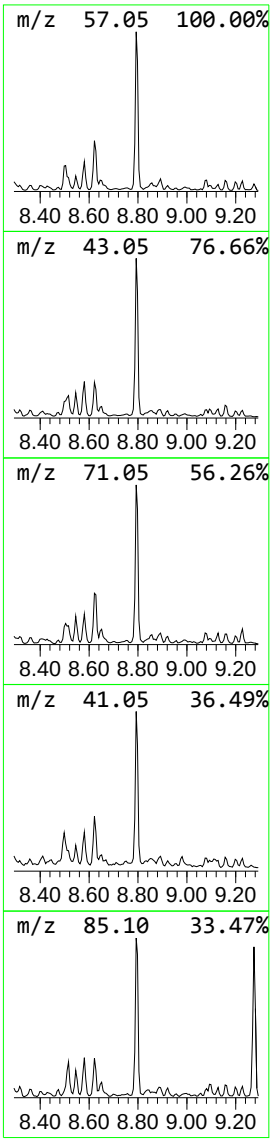
Peak Number 9 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.792	8.50 ng	796882	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane	170	C12H26	000112-40-3	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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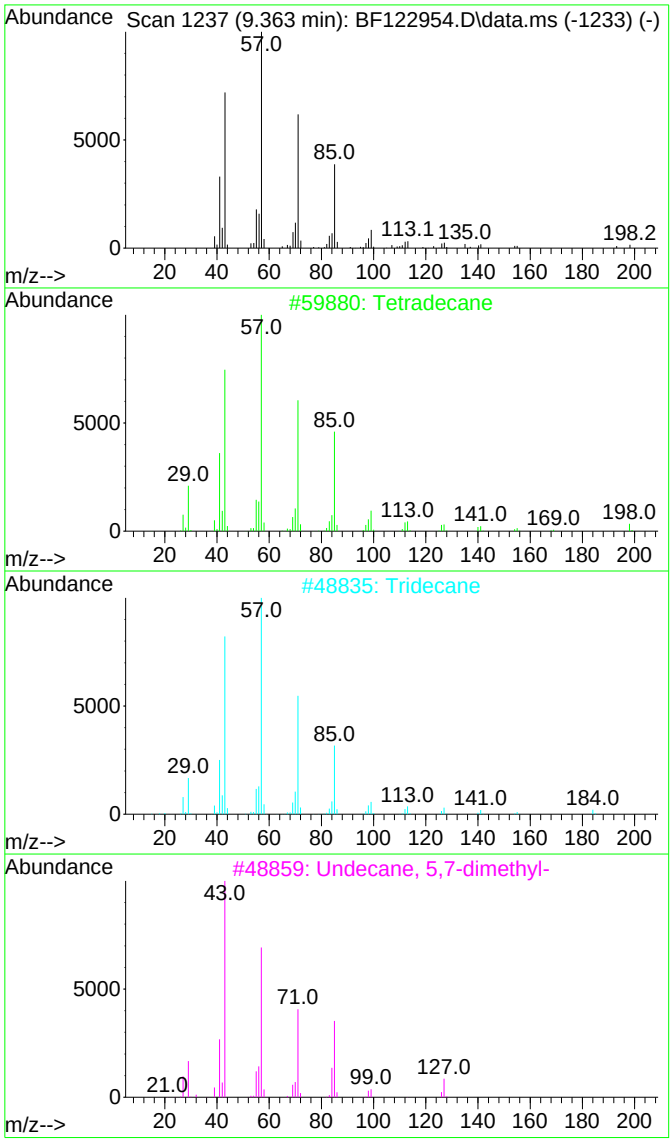
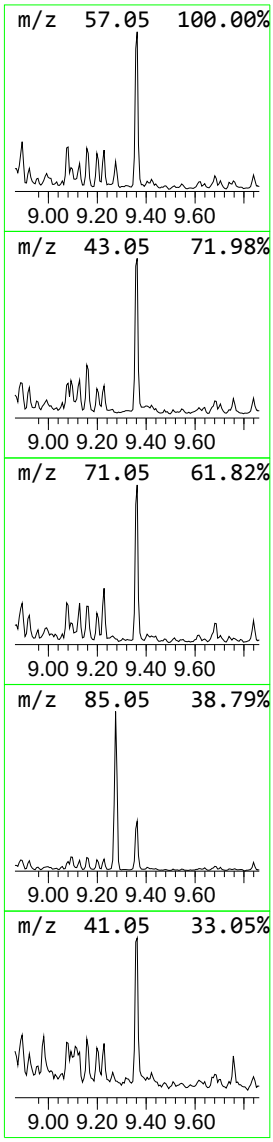
Peak Number 10 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	3.52 ng	253165	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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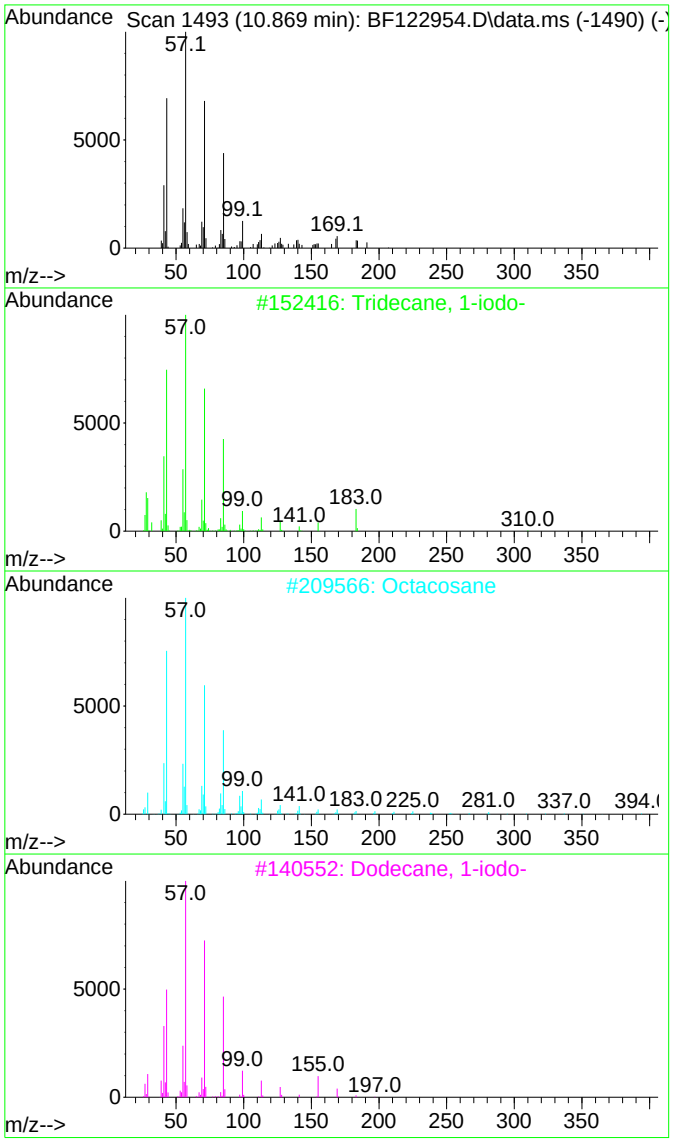
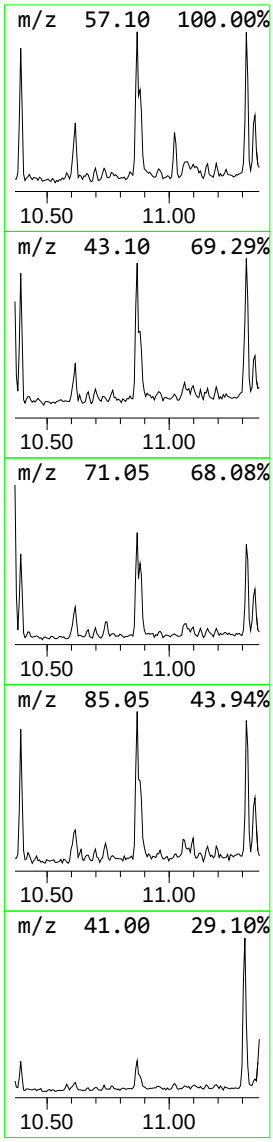
Peak Number 11 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	2.10 ng	143052	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
2	Octacosane	394	C28H58	000630-02-4	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
4	Eicosane	282	C20H42	000112-95-8	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

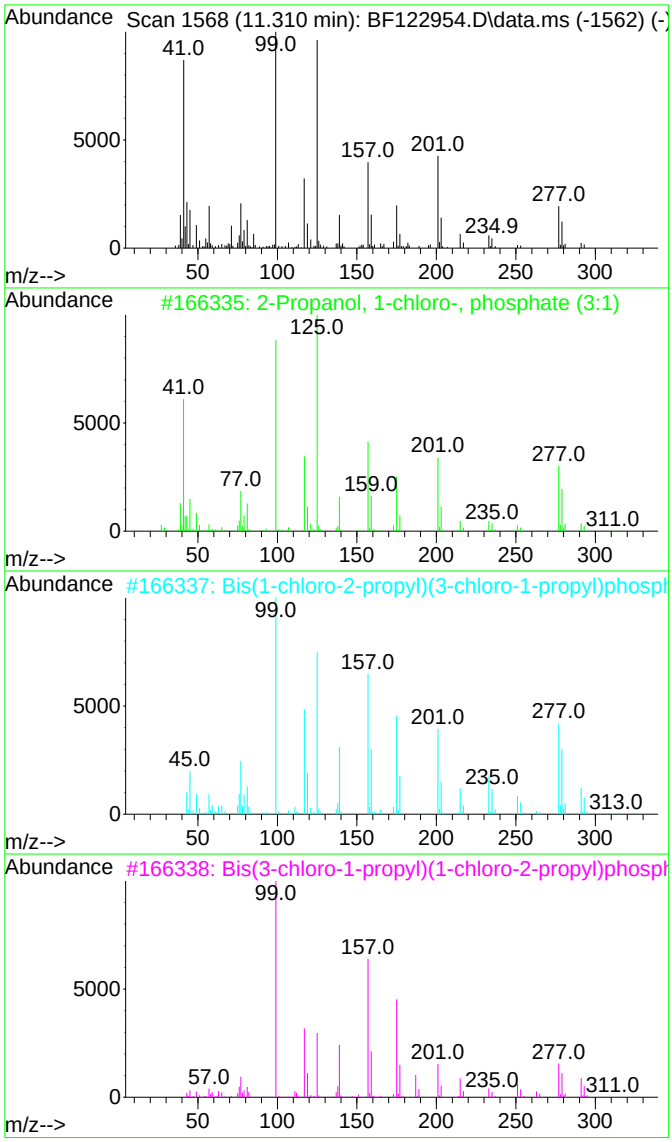
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

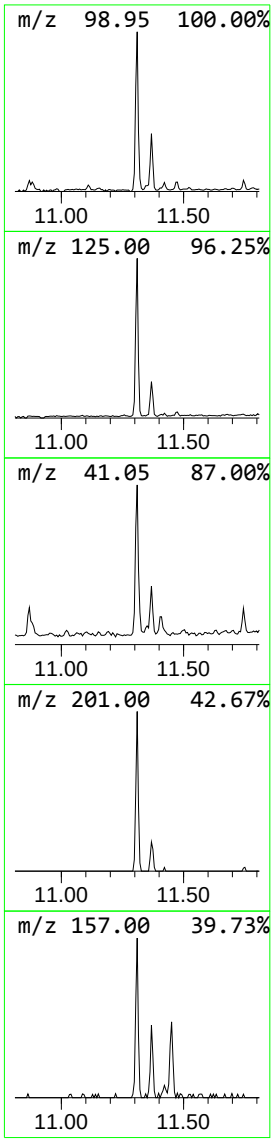
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	4.56 ng	311062	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	64
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4	Triisopropylphosphate	224	C9H21O4P	000513-02-0	23
5	N-(4-Chlorophenyl)-N'-[2-(1-pipe...	310	C14H19ClN4O2	330593-05-0	10





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Sample : M1043-01 2X
Misc :
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ClientSampleId :
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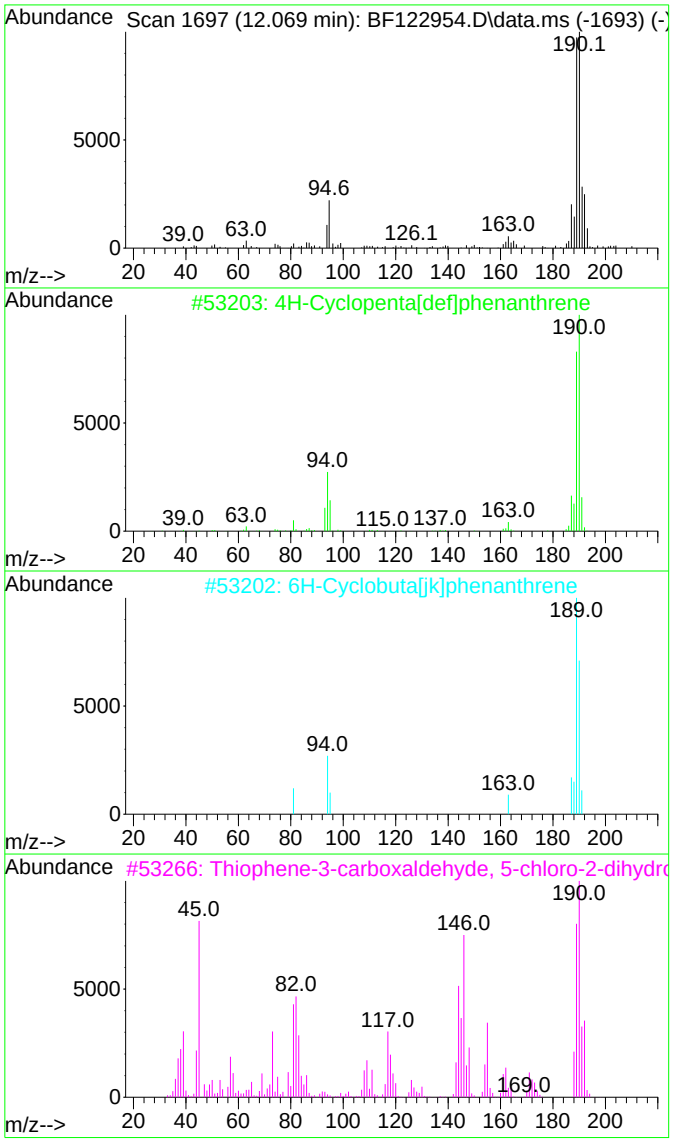
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

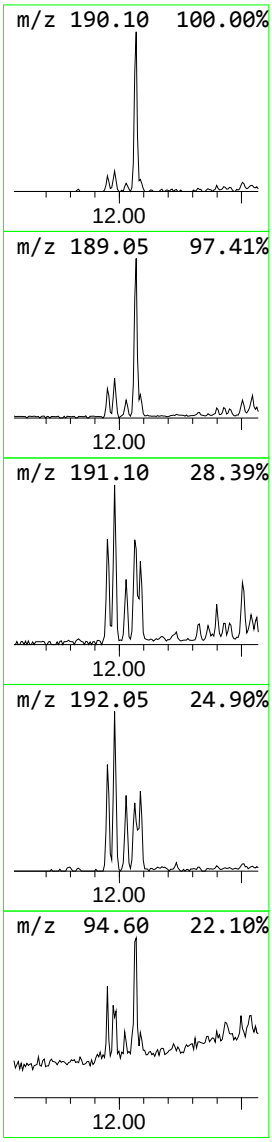
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	2.13 ng	145548	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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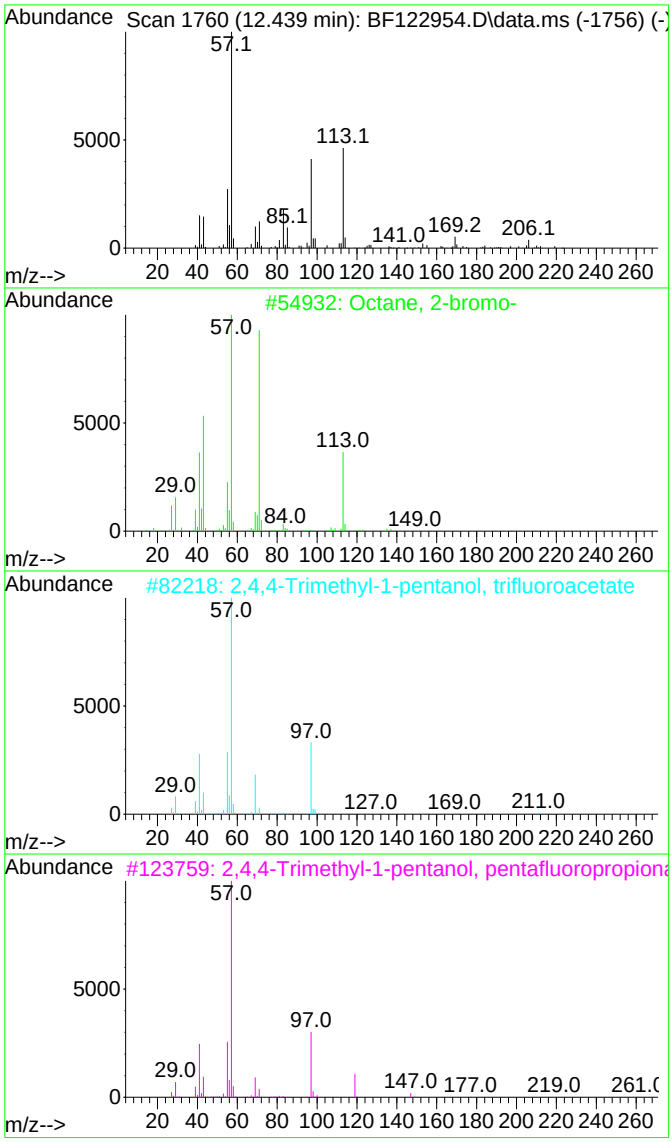
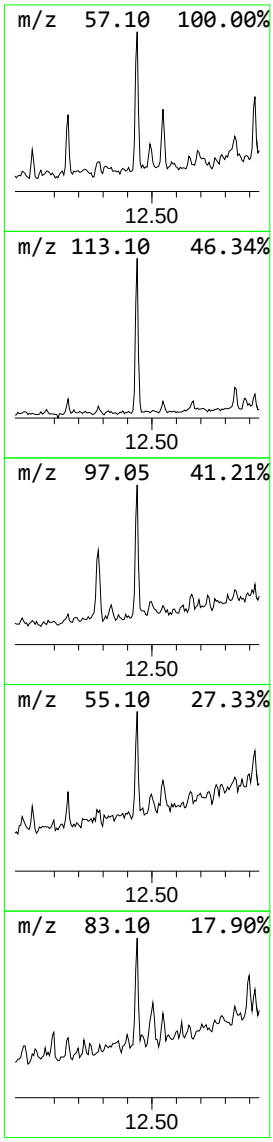
Peak Number 14 unknown12.439 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	2.23 ng	152473	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	32
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	12





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Sample : M1043-01 2X
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ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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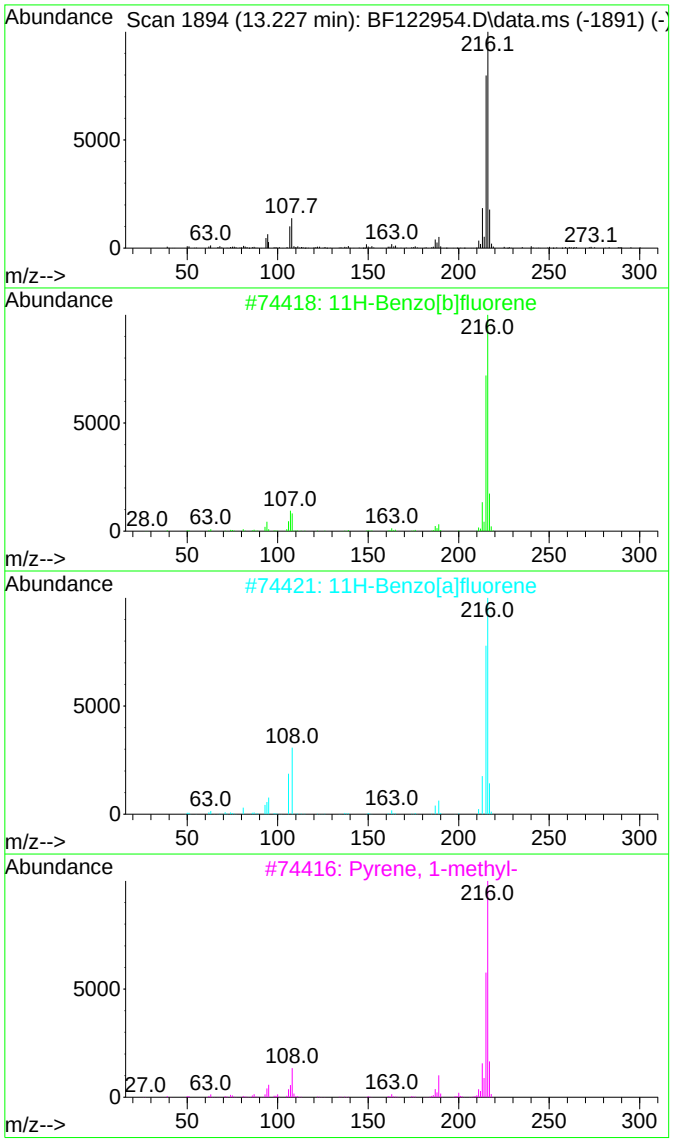
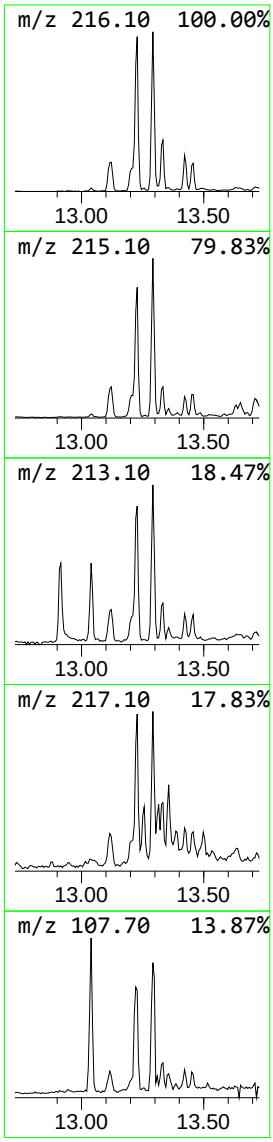
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.23 ng	274358	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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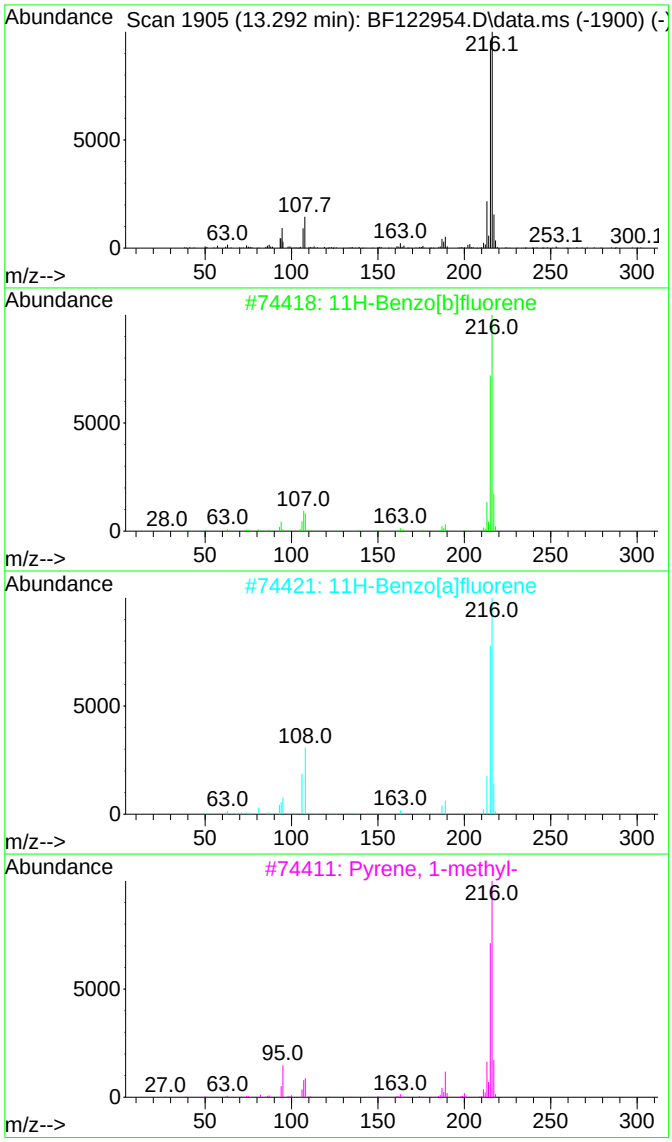
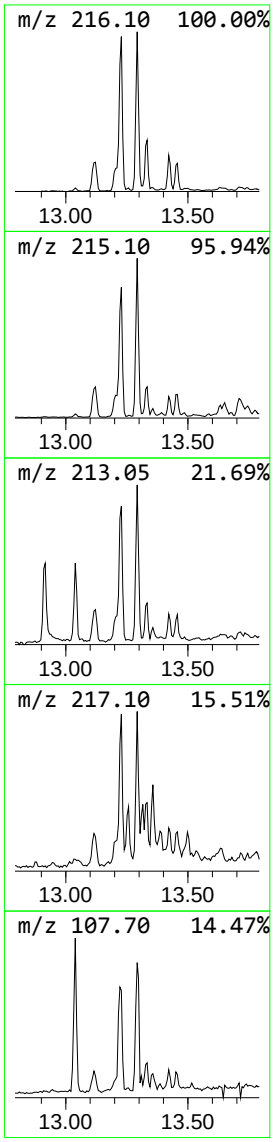
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	3.09 ng	379714	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
4	6,6'-Dimethoxy-2,2'-bipyridile	216	C12H12N2O2	039858-88-3	53
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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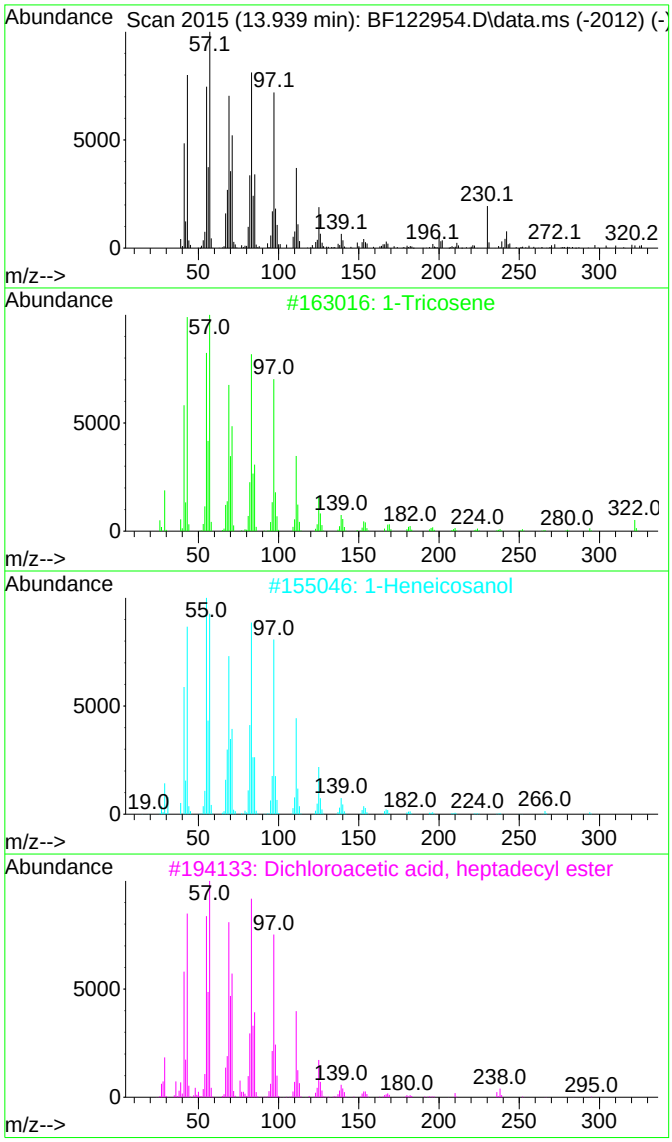
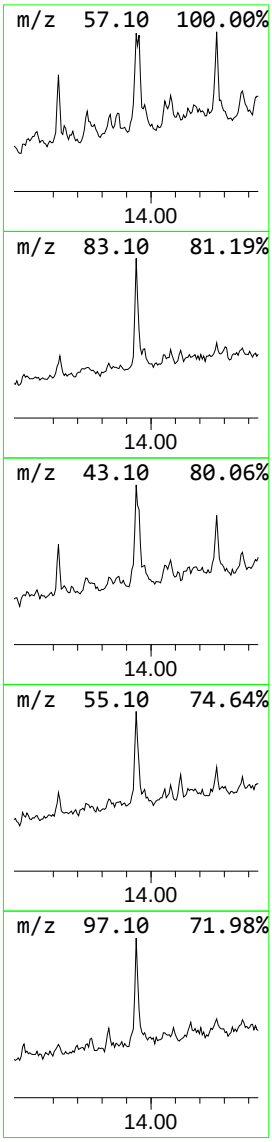
Peak Number 17 1-Tricosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	2.76 ng	338619	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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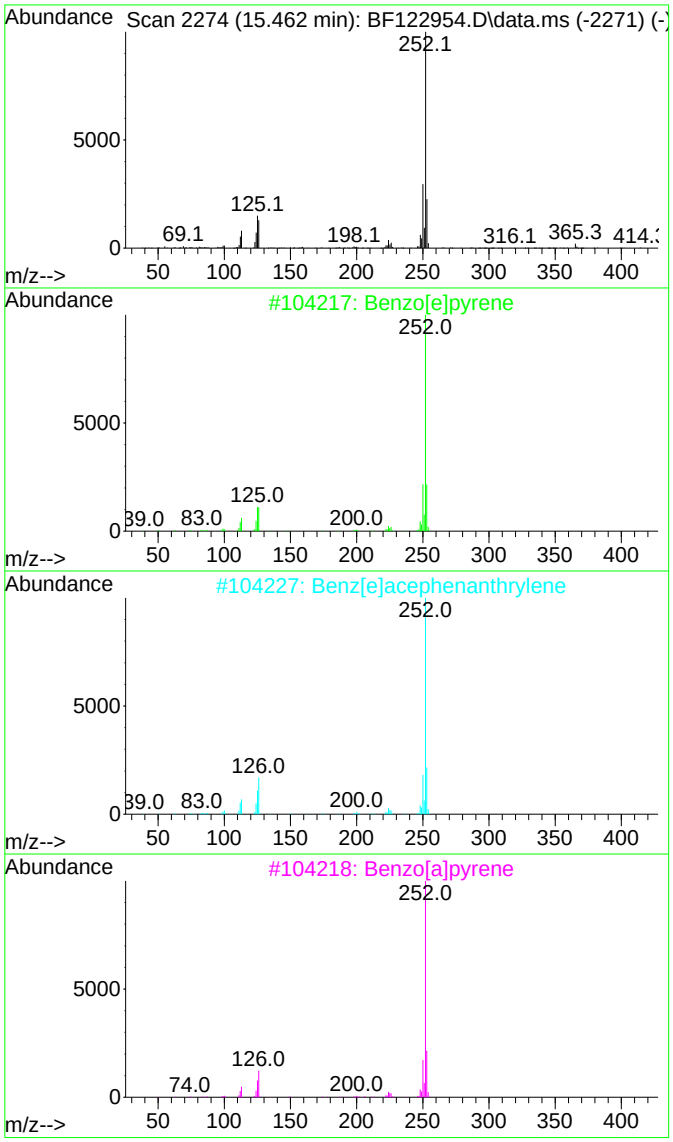
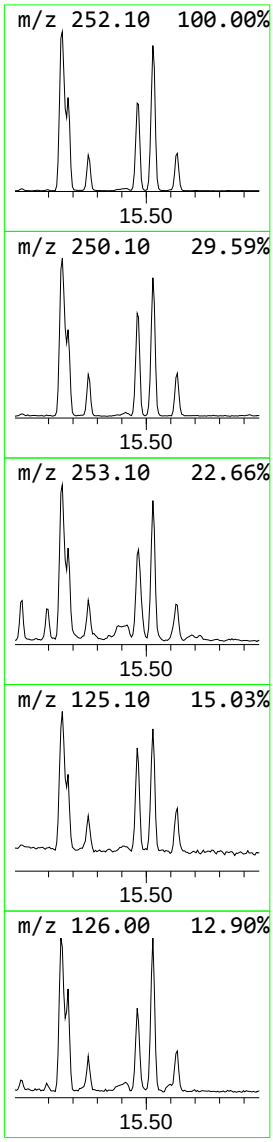
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	9.26 ng	626657	Perylene-d12	15.598

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[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BF122954.D
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Operator : JU/CG
Sample : M1043-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BALL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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-metho...	2.199	7.0	ng	364641	1	6.916	1040000	20.0
3-Penten-2-one,...	4.516	3.4	ng	175925	1	6.916	1040000	20.0
2-Pentanone, 4-...	5.128	13.6	ng	707470	1	6.916	1040000	20.0
1-Hexanol, 2-et...	6.975	9.0	ng	467743	1	6.916	1040000	20.0
1,6-Octadien-3-...	7.522	2.5	ng	127782	1	6.916	1040000	20.0
Cyclohexane, (4...	8.498	2.7	ng	251272	2	8.198	1875600	20.0
Nonadecane, 9-m...	8.581	2.0	ng	188848	2	8.198	1875600	20.0
Decane, 2-methyl-	8.622	2.9	ng	276160	2	8.198	1875600	20.0
Nonane, 5-butyl-	8.792	8.5	ng	796882	2	8.198	1875600	20.0
Tetradecane	9.363	3.5	ng	253165	3	9.957	1439220	20.0
Tridecane, 1-iodo-	10.869	2.1	ng	143052	4	11.451	1364530	20.0
2-Propanol, 1-c...	11.310	4.6	ng	311062	4	11.451	1364530	20.0
4H-Cyclopenta[d...	12.069	2.1	ng	145548	4	11.451	1364530	20.0
unknown12.439	12.439	2.2	ng	152473	4	11.451	1364530	20.0
11H-Benzo[b]flu...	13.227	2.2	ng	274358	5	14.098	2457700	20.0
11H-Benzo[a]flu...	13.292	3.1	ng	379714	5	14.098	2457700	20.0
1-Tricosene	13.939	2.8	ng	338619	5	14.098	2457700	20.0
Benzo[e]pyrene	15.463	9.3	ng	626657	6	15.598	1352830	20.0