LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	3	11	22	rVB	2061988	2633556	43.31%	5.640%
2	2.257	25	29	38	rVB	68040	89126	1.47%	0.191%
3	3.346	209	214	225	rBV	120079	260753	4.29%	0.558%
4	5.069	503	507	516	rVB	628882	768778	12.64%	1.647%
5	5.475	570	576	579	rBV	4604507	4347551	71.49%	9.311%
6	6.139	685	689	692	rBV	474014	399529	6.57%	0.856%
7	6.481	741	747	750	rBV	4663366	5005001	82.30%	10.720%
8	6.657	773	777	779	rBV	146025	126992	2.09%	0.272%
9	6.681	779	781	785	rVB2	194038	167331	2.75%	0.358%
10	6.775	793	797	803	rBV	234213	195413	3.21%	0.419%
11	6.851	806	810	813	rBV	1579051	1188572	19.54%	2.546%
12	6.969	827	830	834	rBV	118005	91194	1.50%	0.195%
13	7.416	900	906	909	rBV	3535092	3328317	54.73%	7.128%
14	7.451	909	912	915	rVB	134001	106460	1.75%	0.228%
15	8.033	1007	1011	1023	rBV	872478	881185	14.49%	1.887%
16	8.133	1023	1028	1031	rBV	1845447	1555129	25.57%	3.331%
17	9.210	1206	1211	1214	rBV	7423146	6081276	100.00%	13.025%
18	9.475	1251	1256	1259	rBV2	106284	158969	2.61%	0.340%
19	9.545	1264	1268	1270	rVV	229519	211300	3.47%	0.453%
20	9.569	1270	1272	1275	rVB	153060	128991	2.12%	0.276%
21	9.663	1284	1288	1289	rBV	97335	88310	1.45%	0.189%
22	9.745	1299	1302	1307	rVB	127474	105962	1.74%	0.227%
23	9.886	1320	1326	1329	rBV	2057662	1703595	28.01%	3.649%
24	9.916	1329	1331	1334	rVB2	74439	74516	1.23%	0.160%
25	9.992	1340	1344	1348	rBV2	57187	76974	1.27%	0.165%
26	10.086	1356	1360	1364	rVB	140794	129468	2.13%	0.277%
27	10.127	1364	1367	1374	rVB	143971	128768	2.12%	0.276%
28	10.204	1374	1380	1382	rBV	112978	122111	2.01%	0.262%
29	10.292	1391	1395	1397	rBV3	85413	133052	2.19%	0.285%
30	10.427	1415	1418	1425	rBV3	179091	214795	3.53%	0.460%
31	10.498	1425	1430	1432	rBV2	70857	89751	1.48%	0.192%
32	10.586	1442	1445	1450	rVB3	73724	86882	1.43%	0.186%
33	10.669	1455	1459	1464	rVV	2750946	2427996	39.93%	5.200%
34	10.716	1464	1467	1472	rVB	189805	204085	3.36%	0.437%
35	10.792	1477	1480	1487	rVB4	90424	134215	2.21%	0.287%
36	10.980	1507	1512	1514	rBV3	95145	114829	1.89%	0.246%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.004	1514	1516	1519	rVB2	87759	73682	1.21%	0.158%
38	11.269	1558	1561	1566	rVB2	70112	80298	1.32%	0.172%
39	11.369	1574	1578	1580	rBV	1703270	1424127	23.42%	3.050%
40	11.392	1580	1582	1585	rVV	1013816	770259	12.67%	1.650%
41	11.439	1585	1590	1593	rVB	230598	244391	4.02%	0.523%
42	11.763	1643	1645	1651	rVB2	112282	114263	1.88%	0.245%
43	11.868	1660	1663	1666	rBV	235440	213750	3.51%	0.458%
44	11.898	1666	1668	1672	rVV	302158	238567	3.92%	0.511%
45	11.945	1673	1676	1679	rVV	84304	80413	1.32%	0.172%
46	11.980	1679	1682	1684	rVV	345530	343734	5.65%	0.736%
47	12.004	1684	1686	1691	rVB	213406	184996	3.04%	0.396%
48	12.163	1711	1713	1716	rBV	104569	101022	1.66%	0.216%
49	12.421	1753	1757	1759	rBV	150304	147337	2.42%	0.316%
50	12.474	1763	1766	1768	rVV3	160930	169161	2.78%	0.362%
51	12.504	1768	1771	1776	rVV3	69487	96621	1.59%	0.207%
52	12.580	1781	1784	1787	rVB	659927	534953	8.80%	1.146%
53	12.810	1817	1823	1826	rBV	699057	609085	10.02%	1.305%
54	12.957	1844	1848	1851	rBV	5089143	4145662	68.17%	8.879%
55	13.027	1856	1860	1863	rBV3	73453	96674	1.59%	0.207%
56	13.133	1876	1878	1882	rVB	109569	108677	1.79%	0.233%
57	13.239	1893	1896	1900	rBV	88513	81584	1.34%	0.175%
58	13.439	1927	1930	1938	rBV5	65984	117536	1.93%	0.252%
59	13.857	1998	2001	2011	rVB3	157642	230888	3.80%	0.495%
60	14.004	2021	2026	2029	rBV2	1234919	1363569	22.42%	2.920%
61	14.033	2029	2031	2039	rVB	209055	194232	3.19%	0.416%
62	14.868	2170	2173	2180	rVB	78447	97593	1.60%	0.209%
63	15.045	2200	2203	2205	rBV2	102724	133591	2.20%	0.286%
64	15.404	2261	2264	2268	rBV	111872	131412	2.16%	0.281%
65	15.474	2271	2276	2280	rBV	840750	1001673	16.47%	2.145%

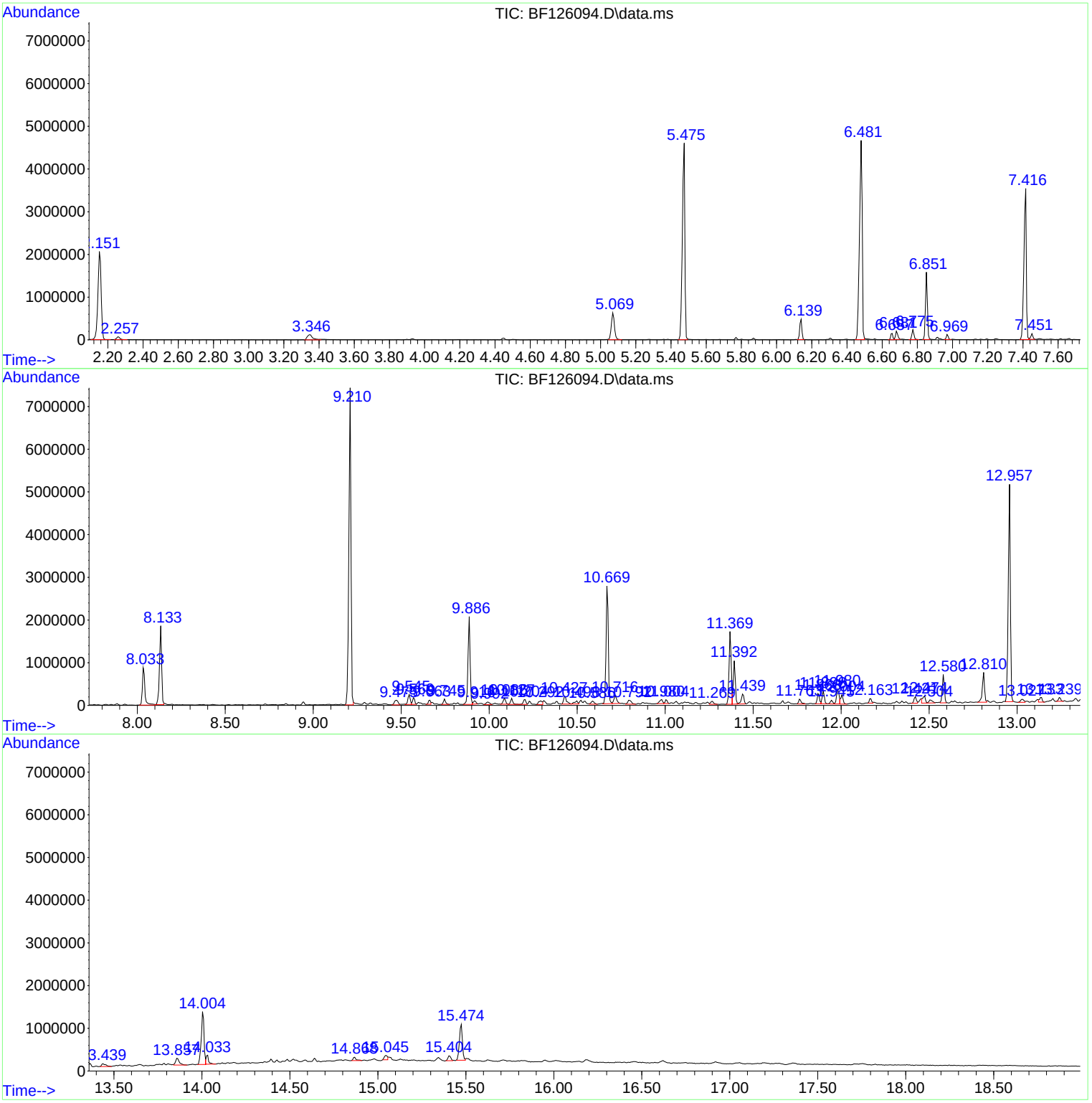
Sum of corrected areas: 46690482

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

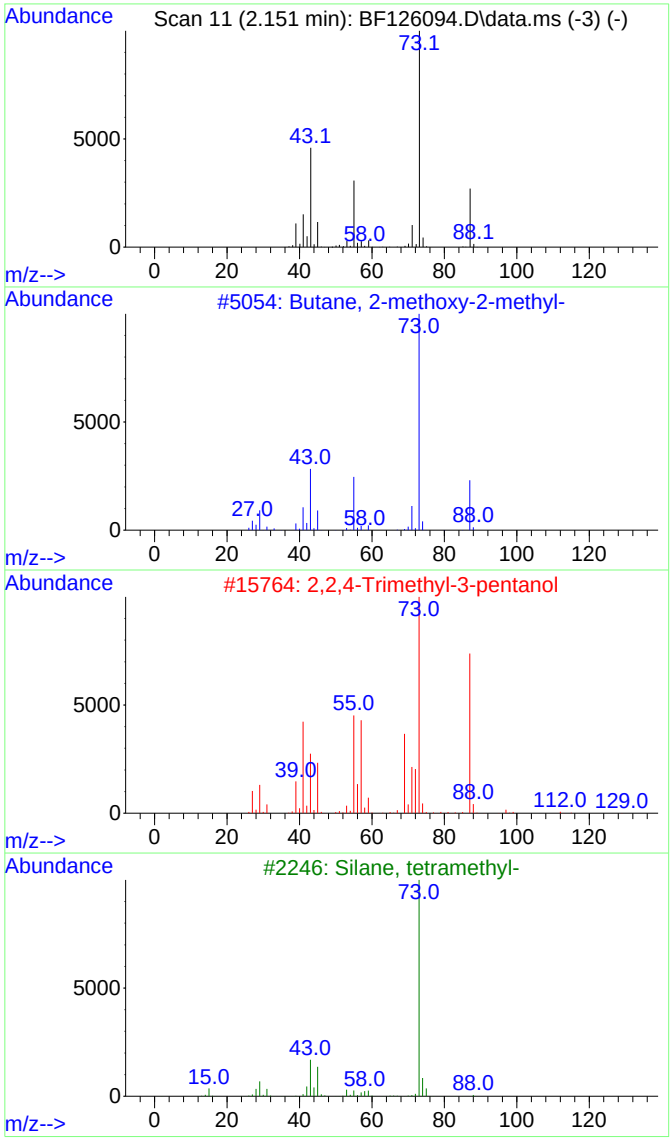
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

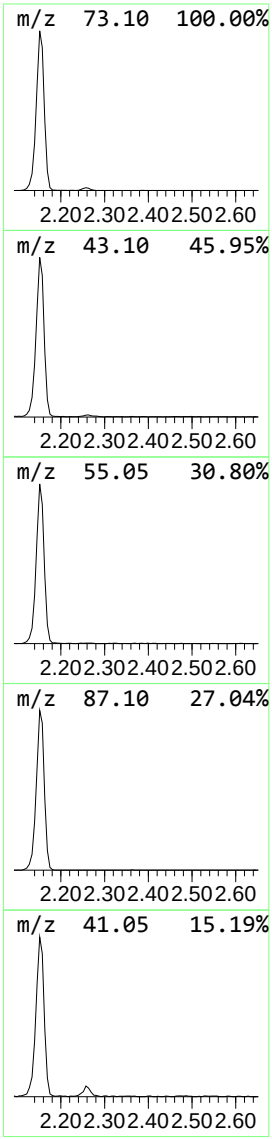
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	44.31 ng	2633560	1,4-Dichlorobenzene-d4	6.851

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

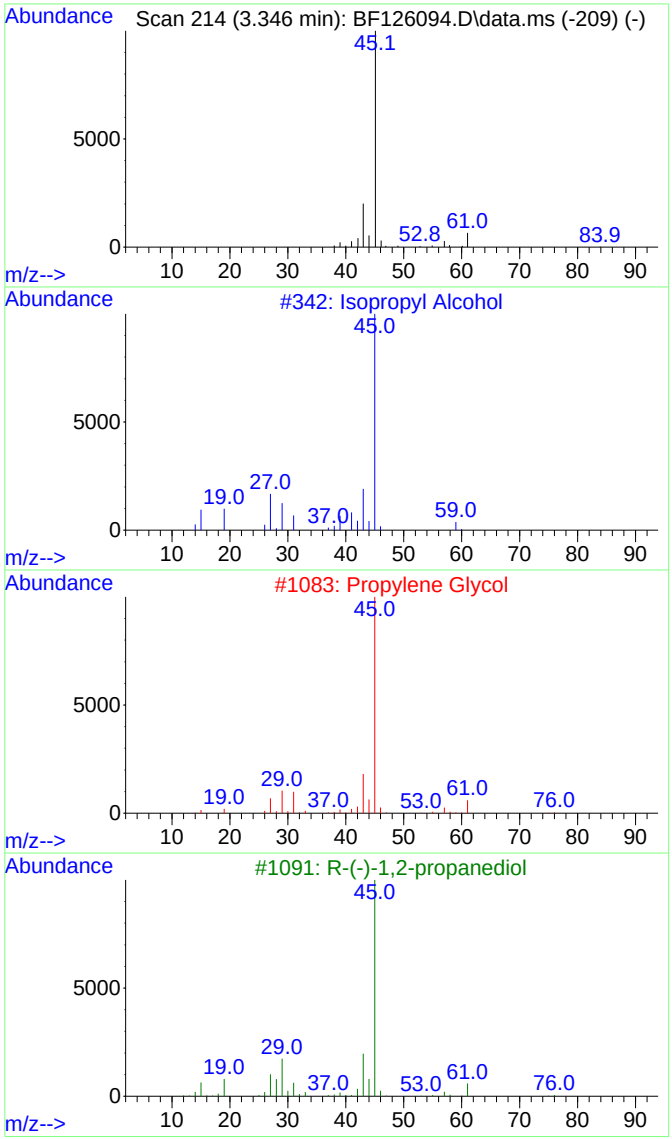
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

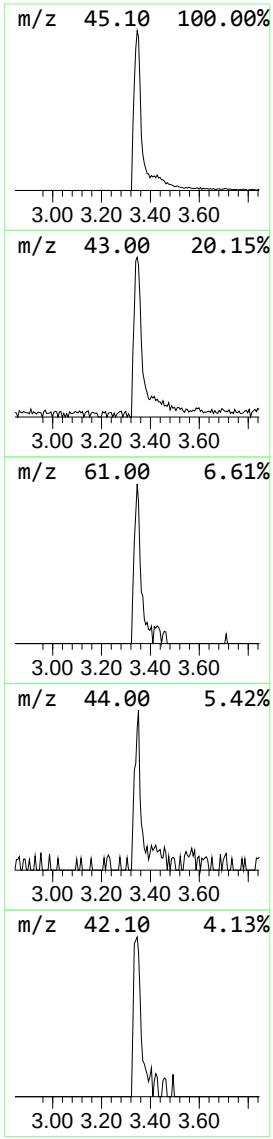
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.346	4.39 ng	260753	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	L-Lactic acid	90	C3H6O3	000079-33-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

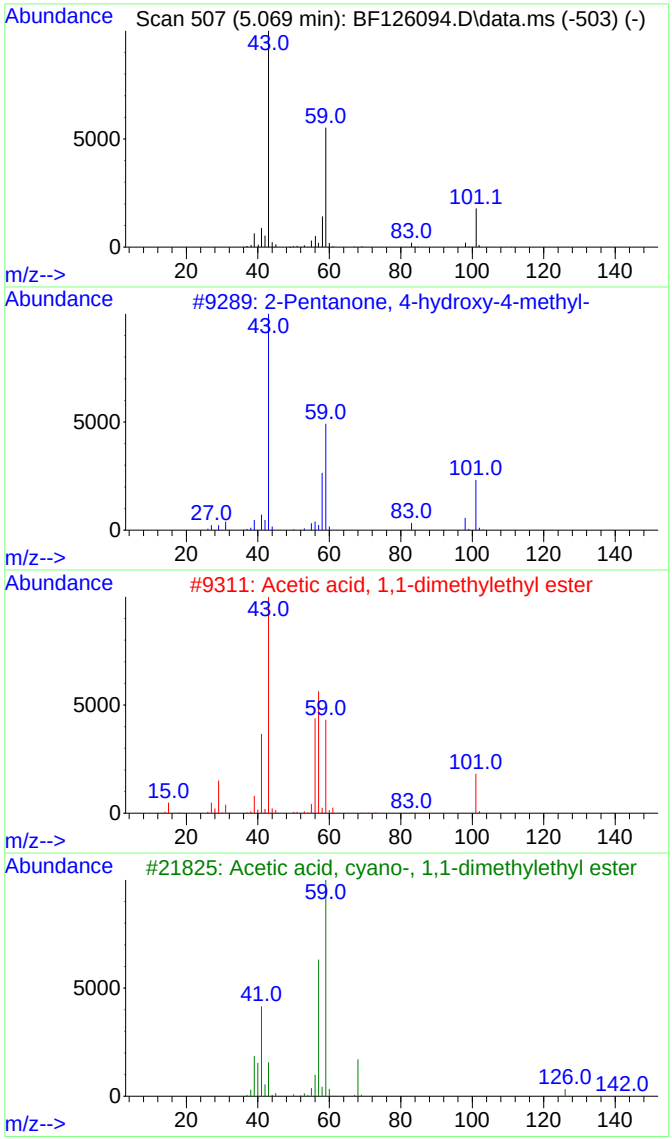
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

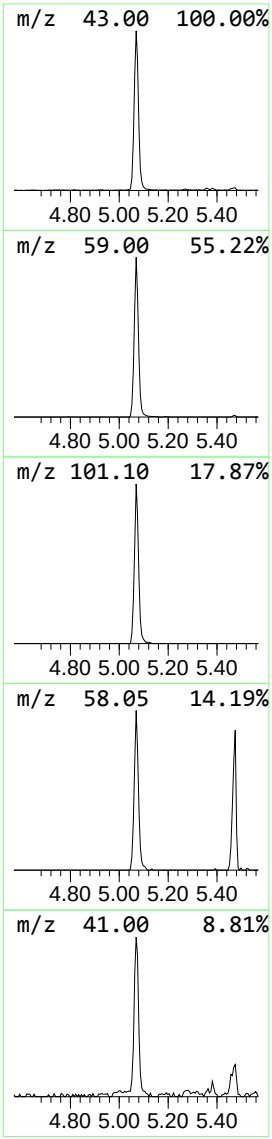
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	12.94 ng	768778	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

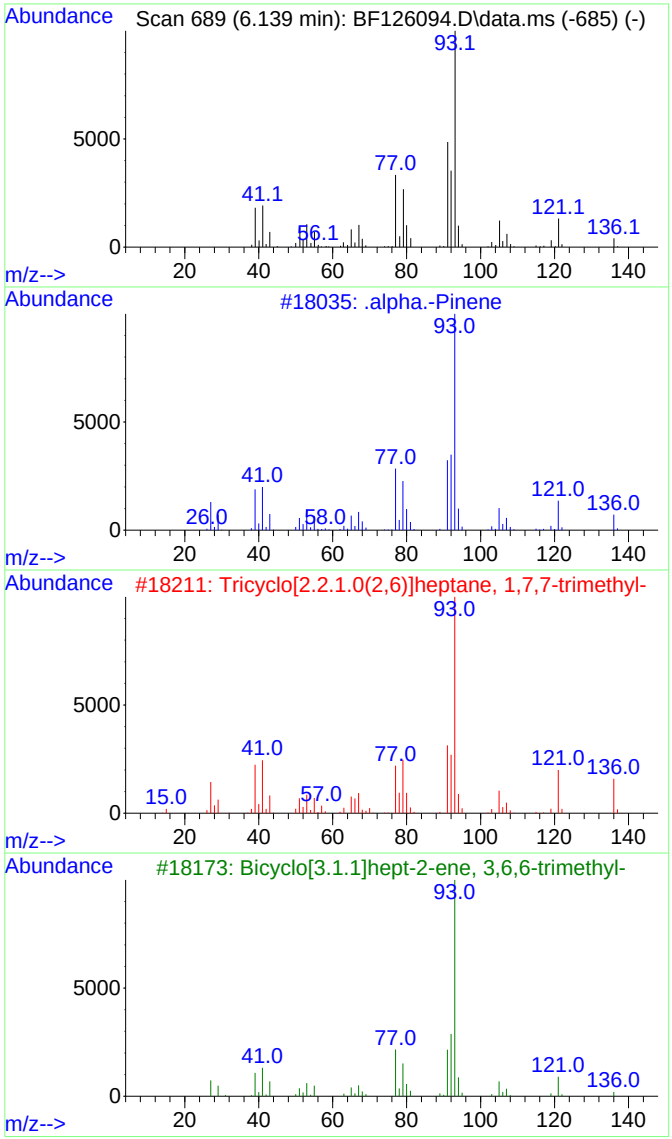
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

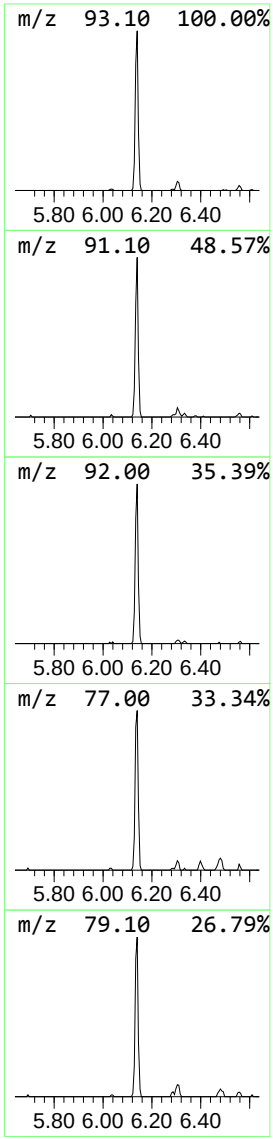
****

Peak Number 4 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.139	6.72 ng	399529	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

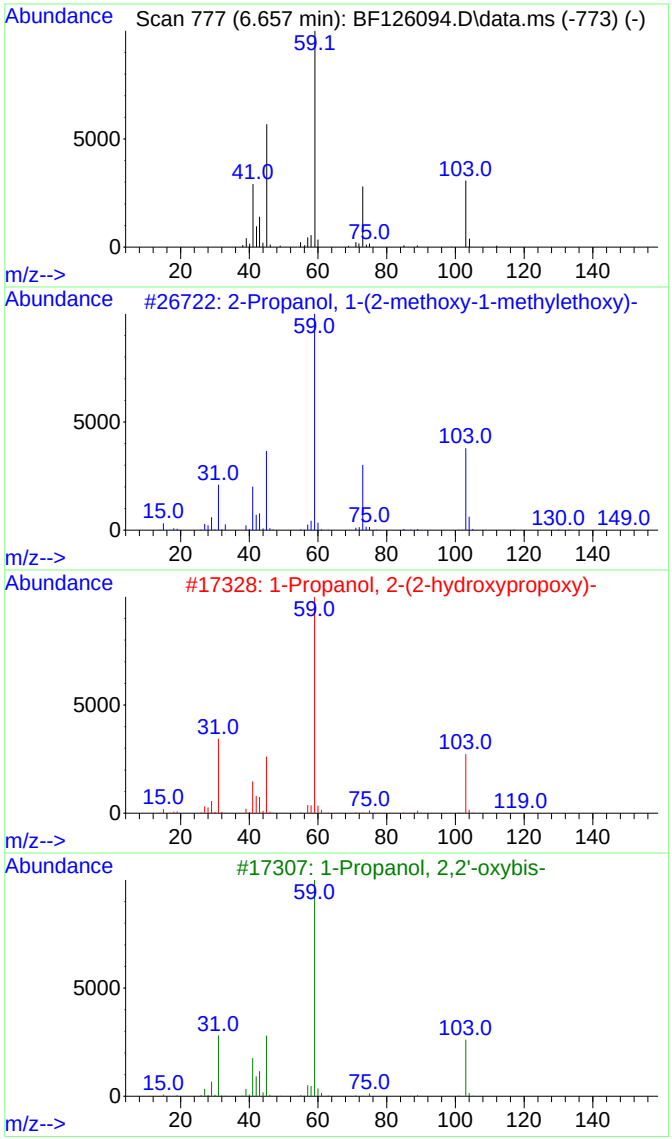
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

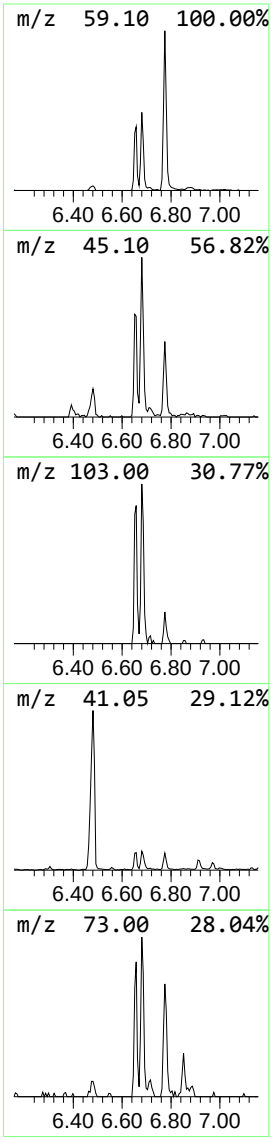
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	2.14 ng	126992	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	59
4	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	53
5	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

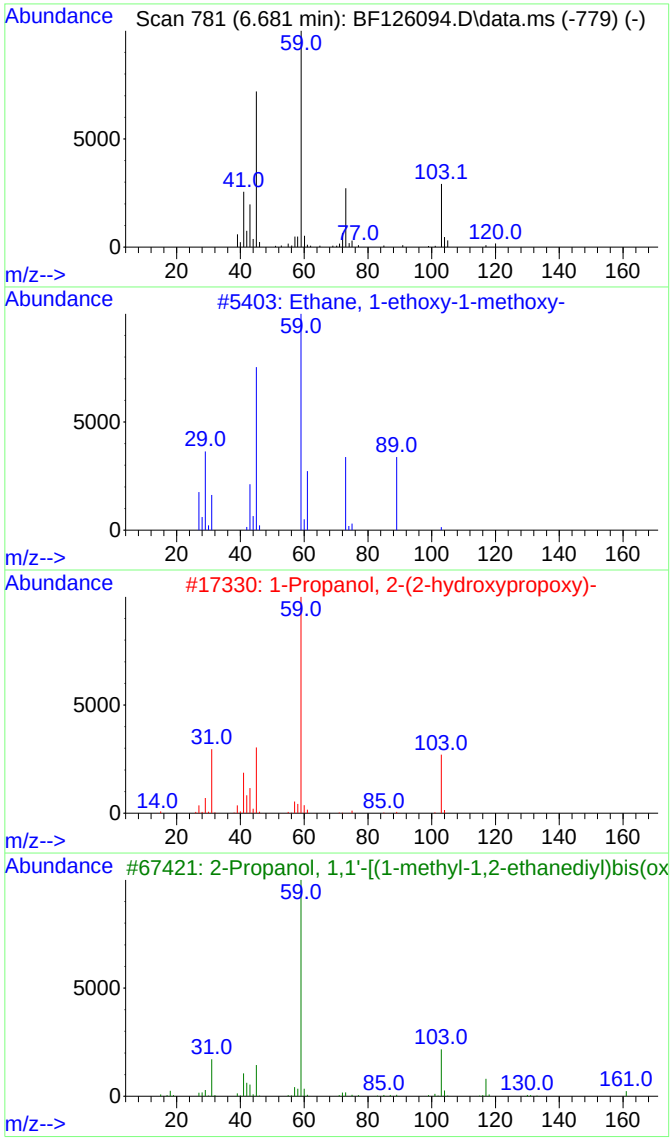
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

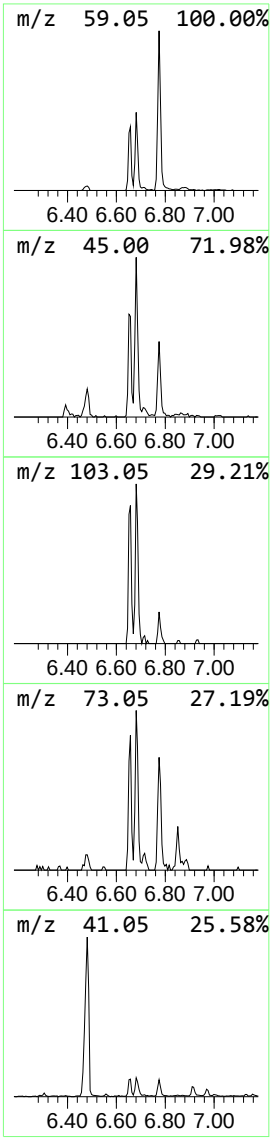
****

Peak Number 6 Ethane, 1-ethoxy-1-methoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	2.82 ng	167331	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	64
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	50
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	50
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

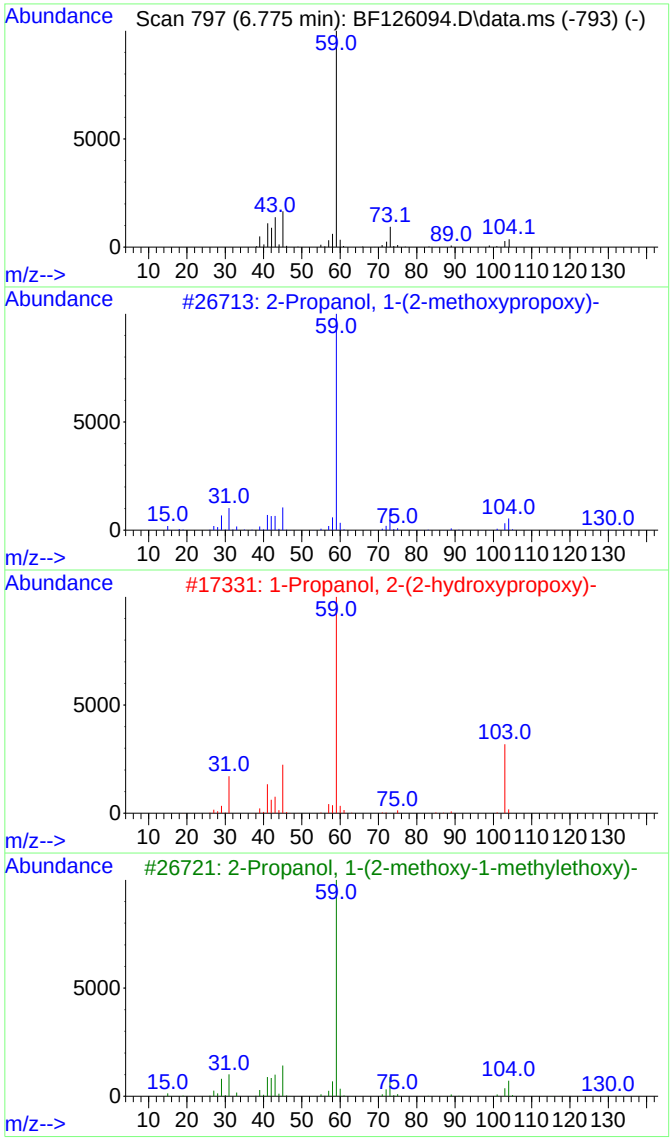
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

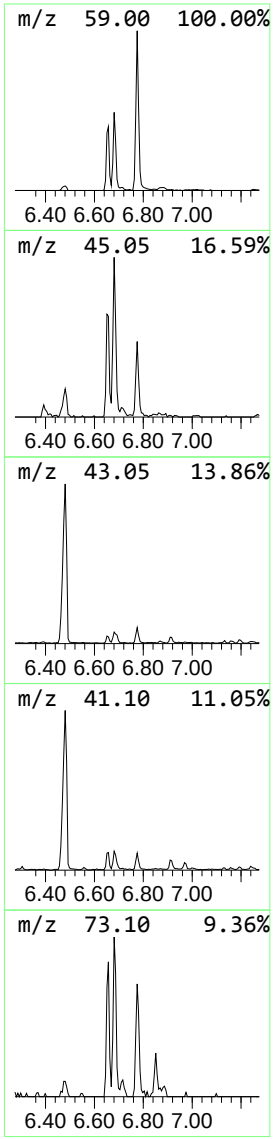
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.775	3.29 ng	195413	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
3	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	56
4	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	50
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	50





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Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

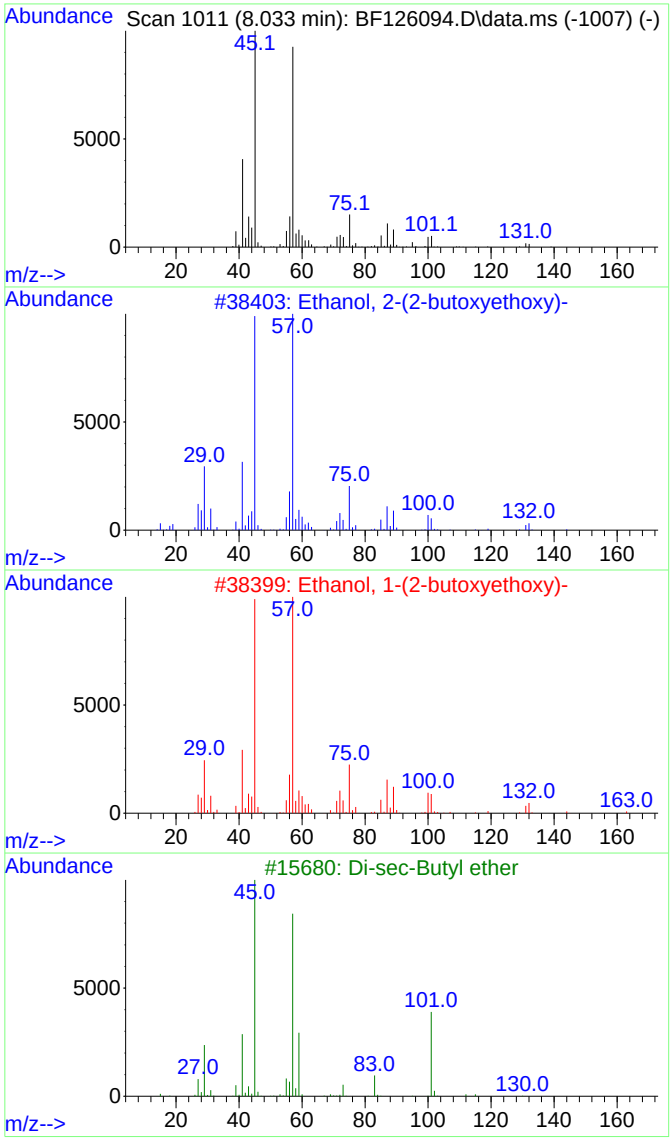
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

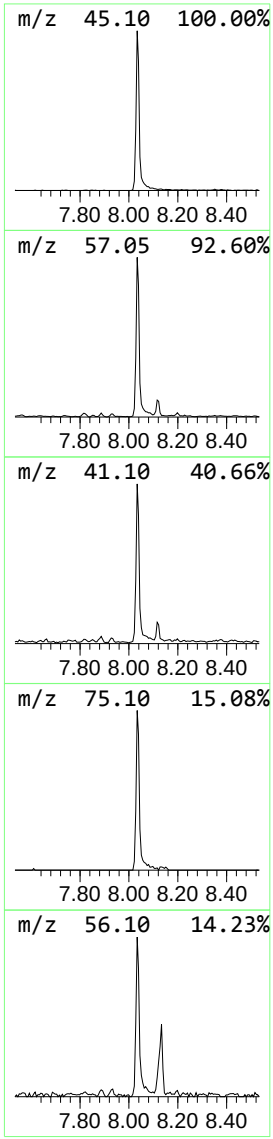
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.033	11.33 ng	881185	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





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Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

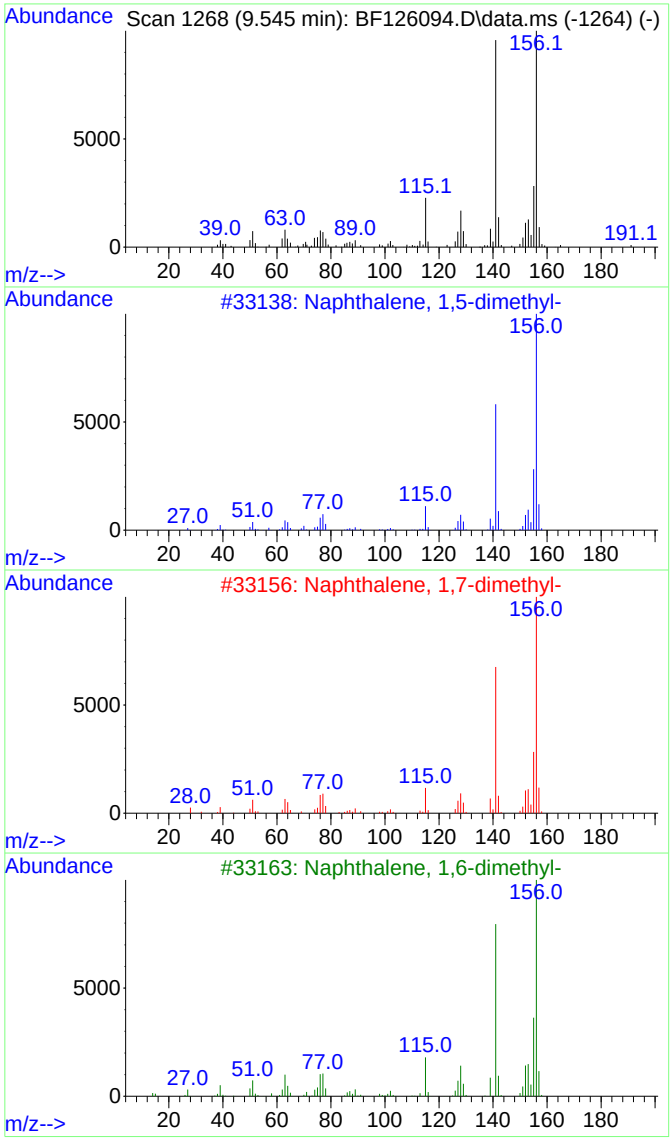
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

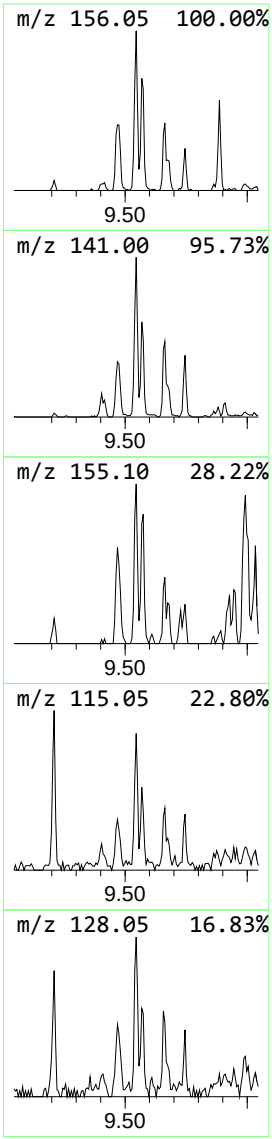
****

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	2.48 ng	211300	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

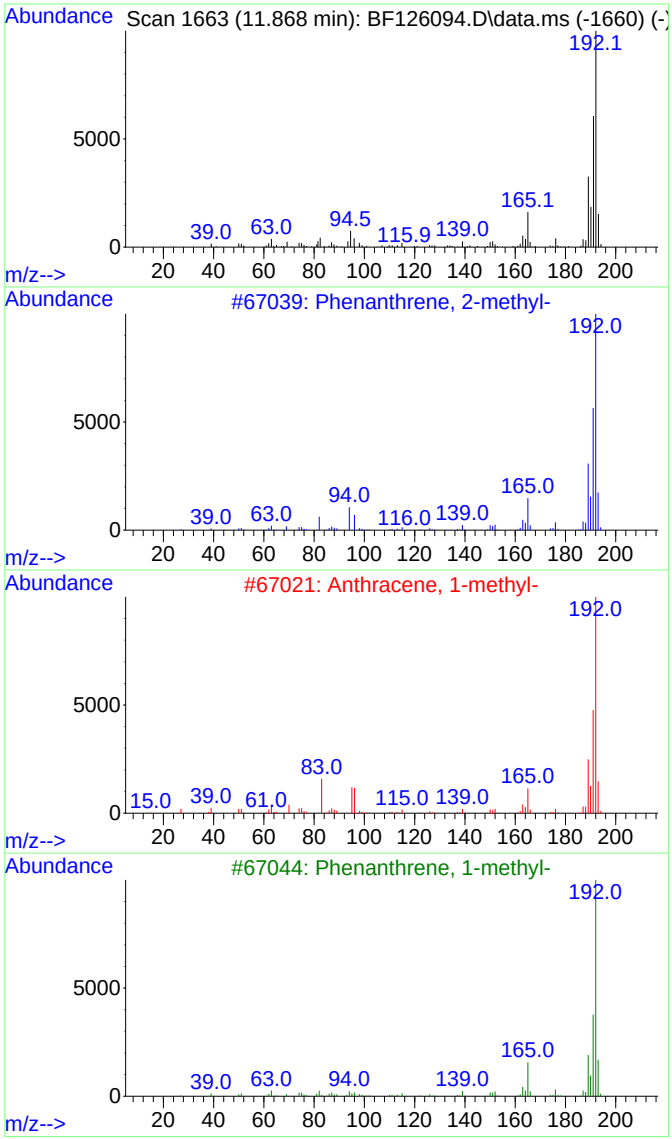
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

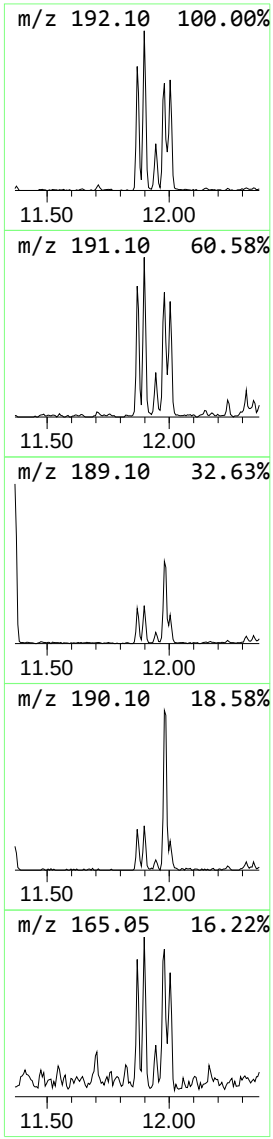
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	3.00 ng	213750	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

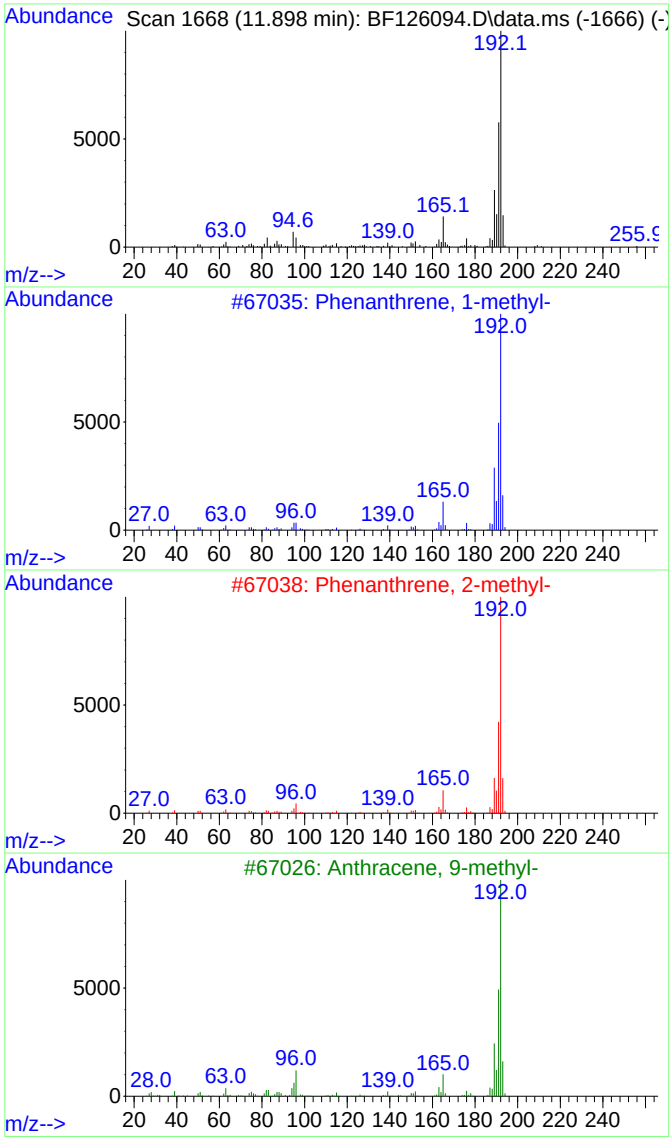
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

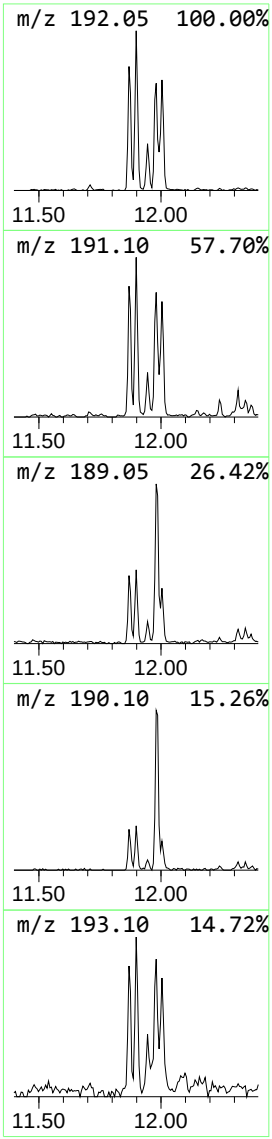
****

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.35 ng	238567	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30

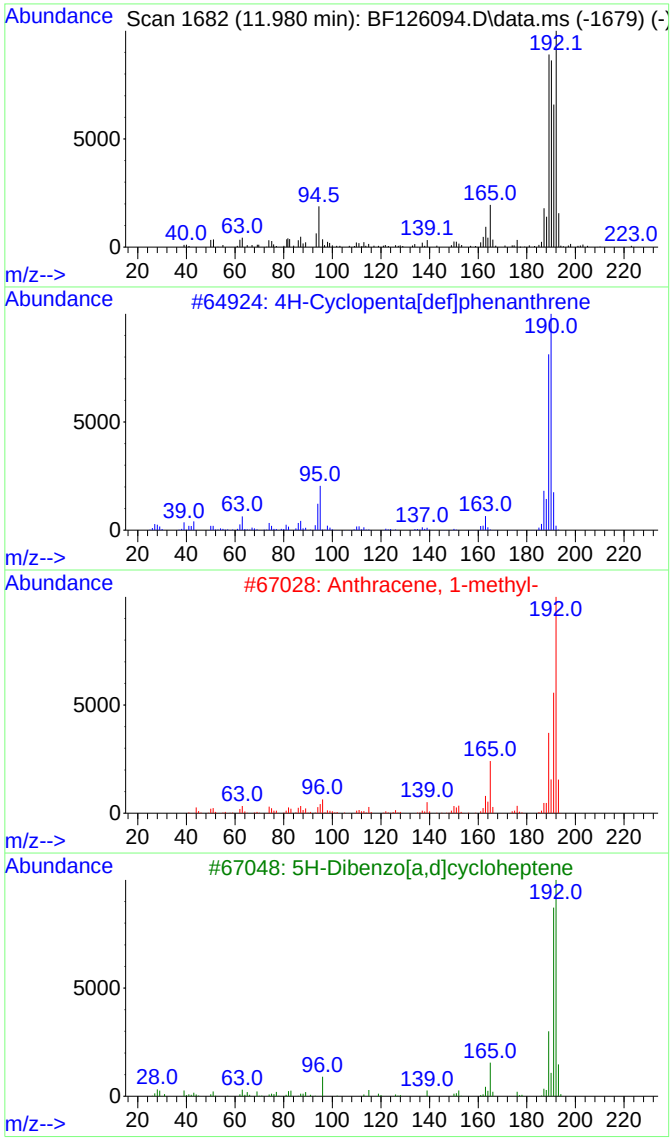
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

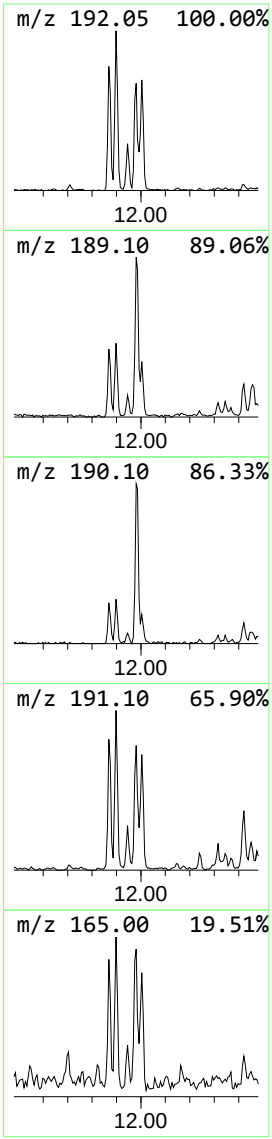
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	4.83 ng	343734	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	43





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Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

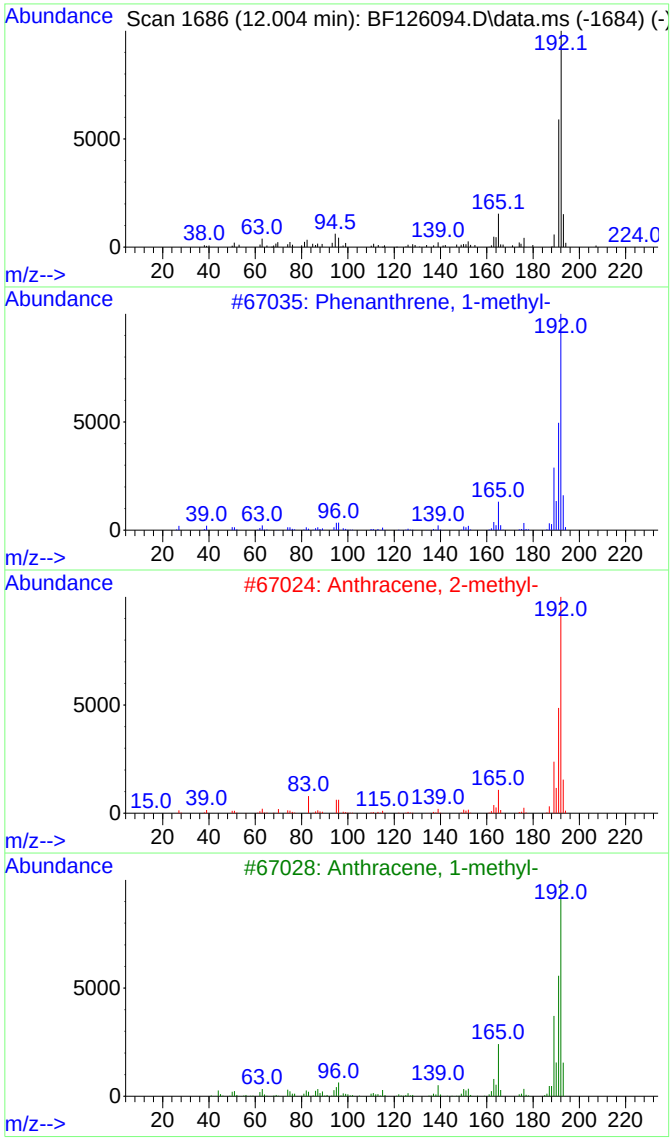
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

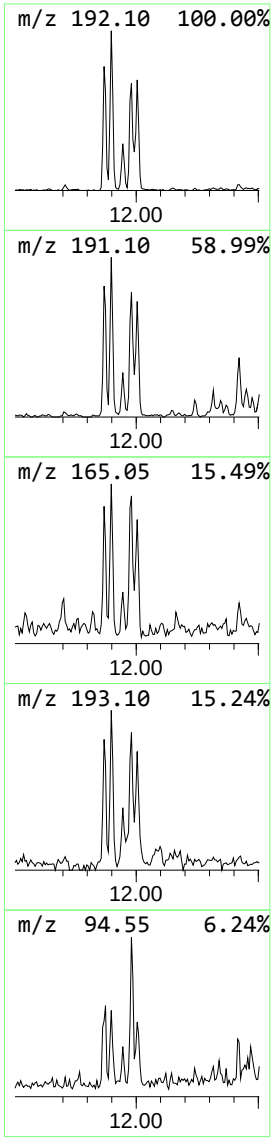
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	2.60 ng	184996	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VWE-B10-110621-20-30

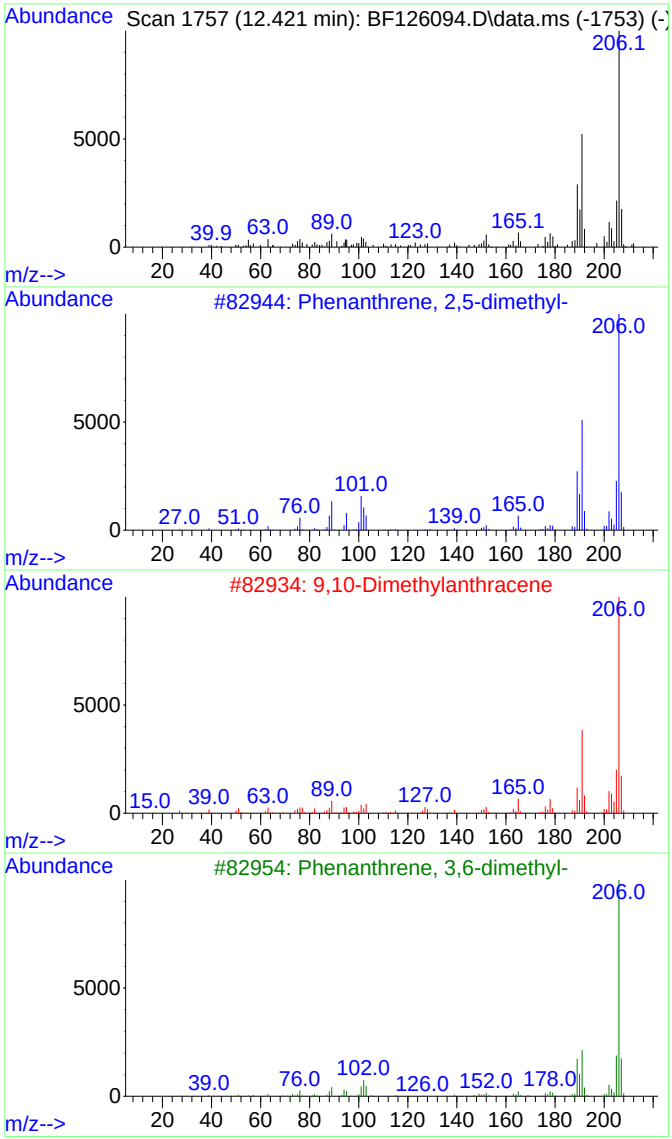
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

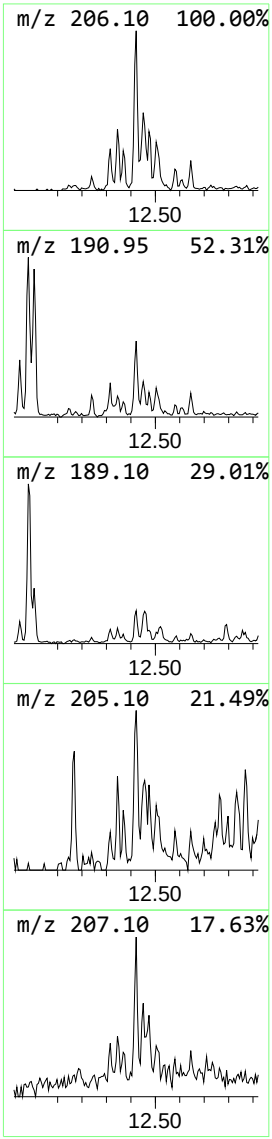
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	2.07 ng	147337	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

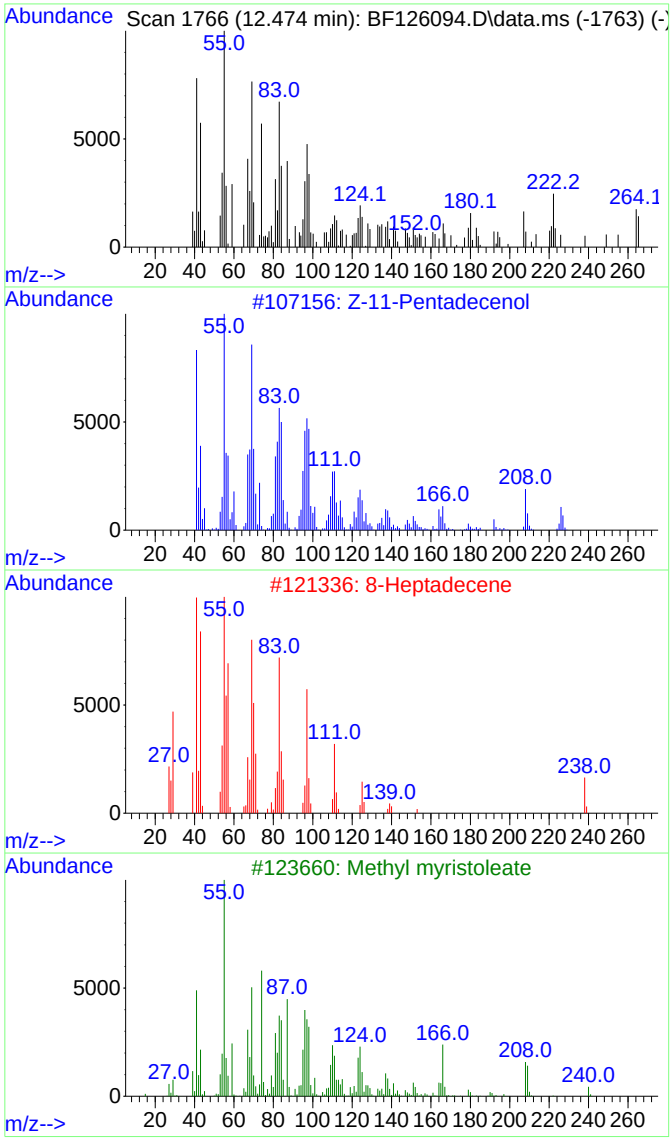
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

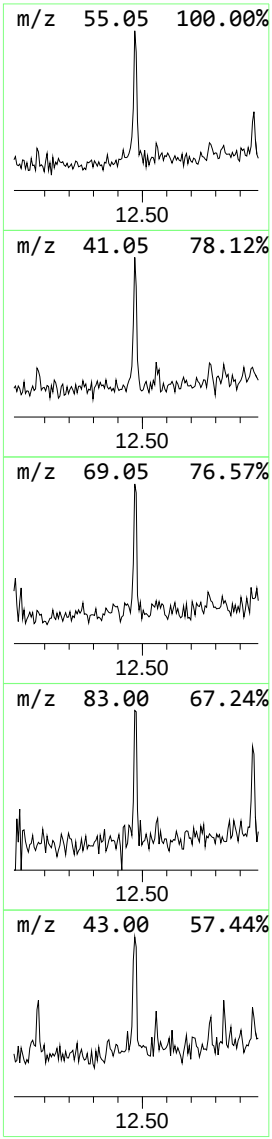
****

Peak Number 16 unknown12.474 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	2.38 ng	169161	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-11-Pentadecenol	226	C15H30O	1000130-77-0	46
2	8-Heptadecene	238	C17H34	002579-04-6	46
3	Methyl myristoleate	240	C15H28O2	056219-06-8	45
4	cis-11-Hexadecenal	238	C16H30O	053939-28-9	44
5	Succinic acid, dodec-2-en-1-yl 3...	394	C22H31ClO4	1000389-85-9	43





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Sample : M4582-03
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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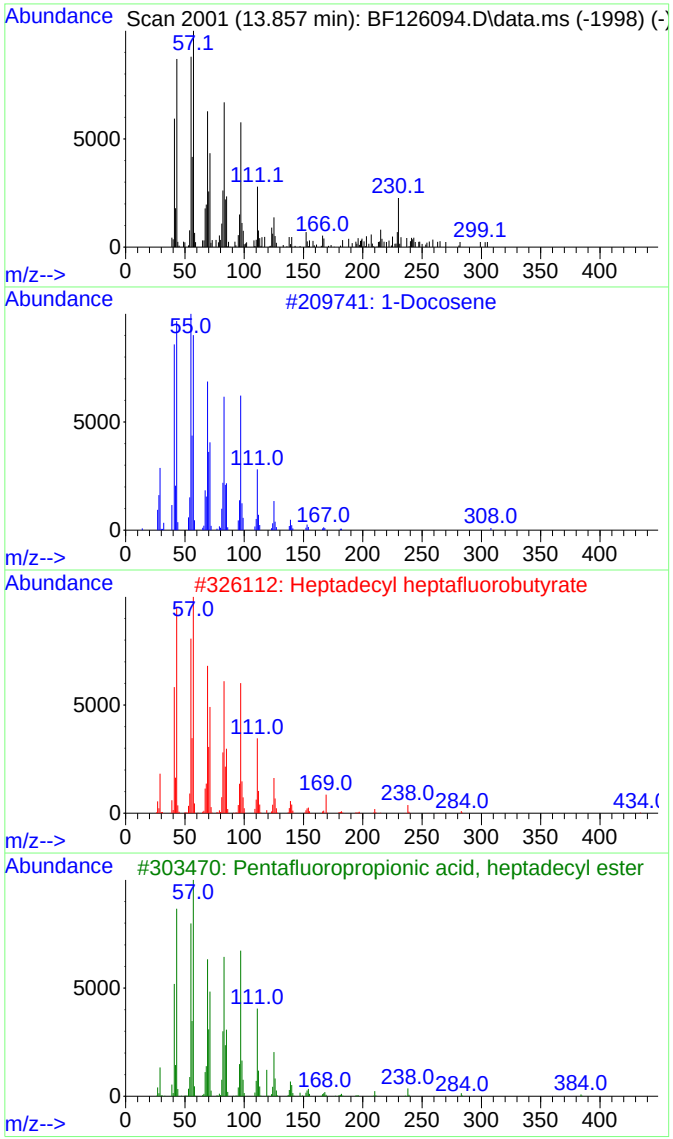
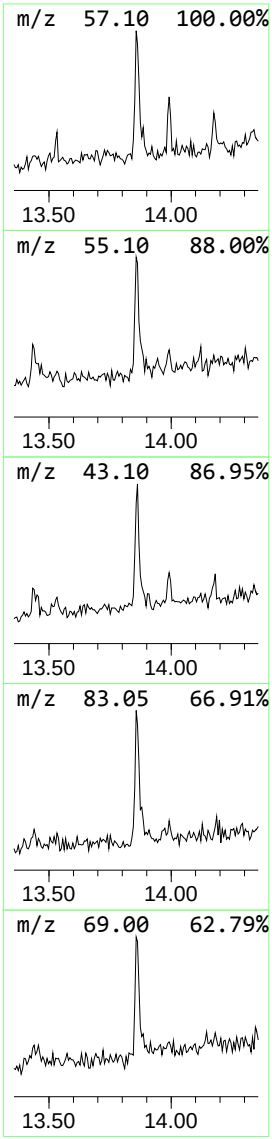
Peak Number 17 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	3.39 ng	230888	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126094.D
Acq On : 9 Nov 2021 22:03
Operator : JU/CG
Sample : M4582-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VWE-B10-110621-20-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.151	44.3	ng	2633560	1	6.851	1188570	20.0
Isopropyl Alcohol	3.346	4.4	ng	260753	1	6.851	1188570	20.0
2-Pentanone, 4-...	5.069	12.9	ng	768778	1	6.851	1188570	20.0
.alpha.-Pinene	6.139	6.7	ng	399529	1	6.851	1188570	20.0
2-Propanol, 1-(...	6.657	2.1	ng	126992	1	6.851	1188570	20.0
Ethane, 1-ethox...	6.681	2.8	ng	167331	1	6.851	1188570	20.0
2-Propanol, 1-(...	6.775	3.3	ng	195413	1	6.851	1188570	20.0
Ethanol, 2-(2-b...	8.033	11.3	ng	881185	2	8.133	1555130	20.0
Naphthalene, 1,...	9.545	2.5	ng	211300	3	9.886	1703600	20.0
Phenanthrene, 2...	11.868	3.0	ng	213750	4	11.368	1424130	20.0
Phenanthrene, 1...	11.898	3.4	ng	238567	4	11.368	1424130	20.0
4H-Cyclopenta[d...	11.980	4.8	ng	343734	4	11.368	1424130	20.0
Anthracene, 2-m...	12.004	2.6	ng	184996	4	11.368	1424130	20.0
Phenanthrene, 2...	12.421	2.1	ng	147337	4	11.368	1424130	20.0
unknown12.474	12.474	2.4	ng	169161	4	11.368	1424130	20.0
1-Docosene	13.857	3.4	ng	230888	5	14.004	1363570	20.0