LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELD-BLANK

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	12	rBV	873002	1179434	22.71%	4.893%
2	2.181	12	16	21	rVB	550804	745345	14.35%	3.092%
3	2.287	26	34	37	rBV	1161254	1799596	34.66%	7.466%
4	3.375	209	219	227	rBV	149625	271372	5.23%	1.126%
5	4.005	321	326	335	rBV	49349	67706	1.30%	0.281%
6	4.516	409	413	419	rBV	53292	63476	1.22%	0.263%
7	4.663	434	438	447	rBV	168127	195636	3.77%	0.812%
8	5.475	572	576	583	rBV	629533	578335	11.14%	2.399%
9	5.957	656	658	664	rVB	71423	59303	1.14%	0.246%
10	6.269	708	711	718	rBV3	88076	105255	2.03%	0.437%
11	6.398	729	733	736	rBV	150788	121667	2.34%	0.505%
12	6.475	743	746	752	rBV	447722	408881	7.87%	1.696%
13	6.834	804	807	813	rVB	482041	407830	7.85%	1.692%
14	6.893	814	817	820	rBV	114299	100582	1.94%	0.417%
15	6.916	820	821	826	rVV	54129	52504	1.01%	0.218%
16	6.963	826	829	832	rVB2	59731	60327	1.16%	0.250%
17	7.404	899	904	907	rBV	1513074	1331922	25.65%	5.526%
18	7.757	961	964	972	rBV	102044	146352	2.82%	0.607%
19	8.116	1021	1025	1034	rVB	656275	548448	10.56%	2.275%
20	8.292	1048	1055	1058	rBV	39772	52492	1.01%	0.218%
21	8.334	1058	1062	1064	rVV	1192023	1064865	20.51%	4.418%
22	8.363	1064	1067	1075	rVV	1622190	1524924	29.37%	6.327%
23	8.451	1078	1082	1084	rVV3	80612	111571	2.15%	0.463%
24	8.475	1084	1086	1088	rVV2	76498	87220	1.68%	0.362%
25	8.498	1088	1090	1098	rVB	83780	106657	2.05%	0.443%
26	8.657	1114	1117	1127	rVB2	62417	81180	1.56%	0.337%
27	8.863	1148	1152	1158	rBV	68260	119248	2.30%	0.495%
28	8.916	1158	1161	1172	rVB	204468	243391	4.69%	1.010%
29	9.192	1204	1208	1211	rBV	2814054	2488067	47.91%	10.323%
30	9.328	1223	1231	1234	rBV	3604976	5192731	100.00%	21.544%
31	9.875	1320	1324	1327	rBV	683629	552473	10.64%	2.292%
32	10.669	1455	1459	1469	rBV	1049925	891869	17.18%	3.700%
33	11.369	1574	1578	1586	rBV	581065	481392	9.27%	1.997%
34	11.545	1593	1608	1622	rBV4	28982	129001	2.48%	0.535%
35	12.969	1845	1850	1853	rBV	2205256	2030900	39.11%	8.426%
36	14.027	2027	2030	2038	rVB	406707	386679	7.45%	1.604%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.533	2282	2286	2296	rBV	226579	314550	6.06%	1.305%

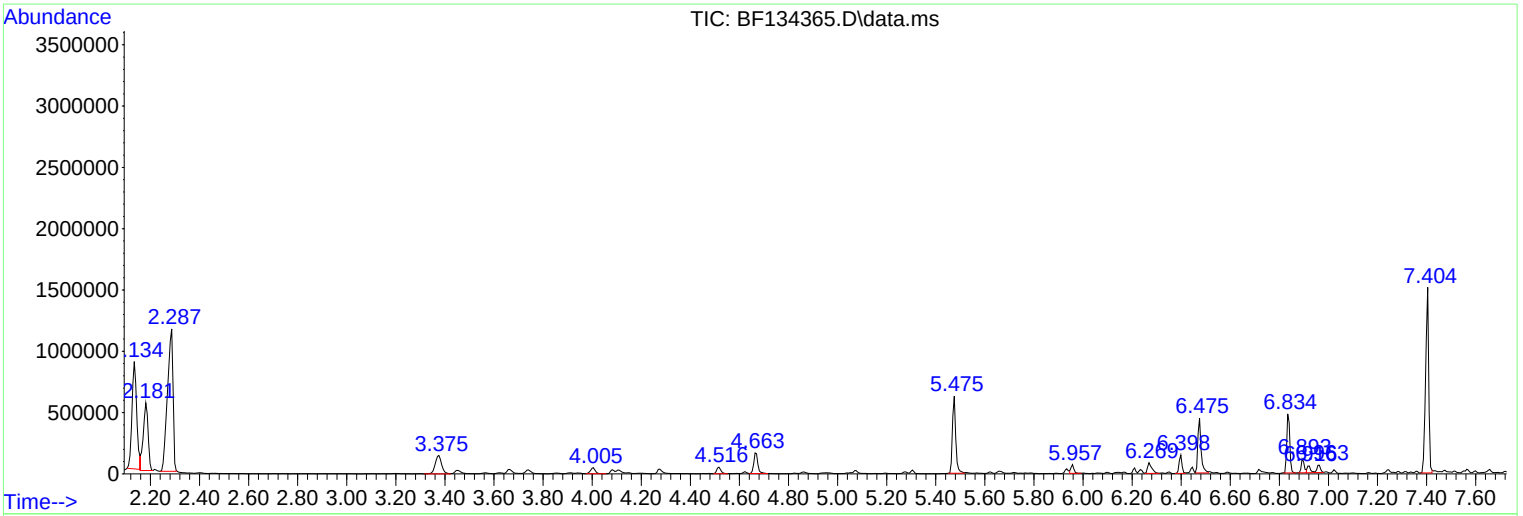
Sum of corrected areas: 24103181

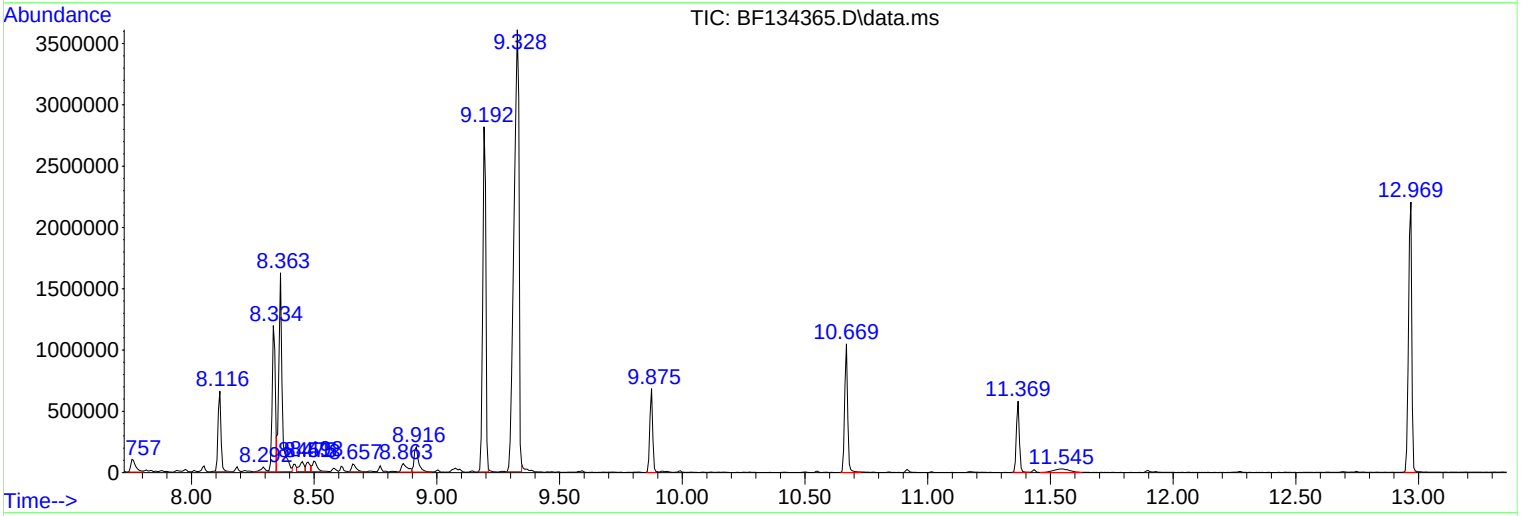
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

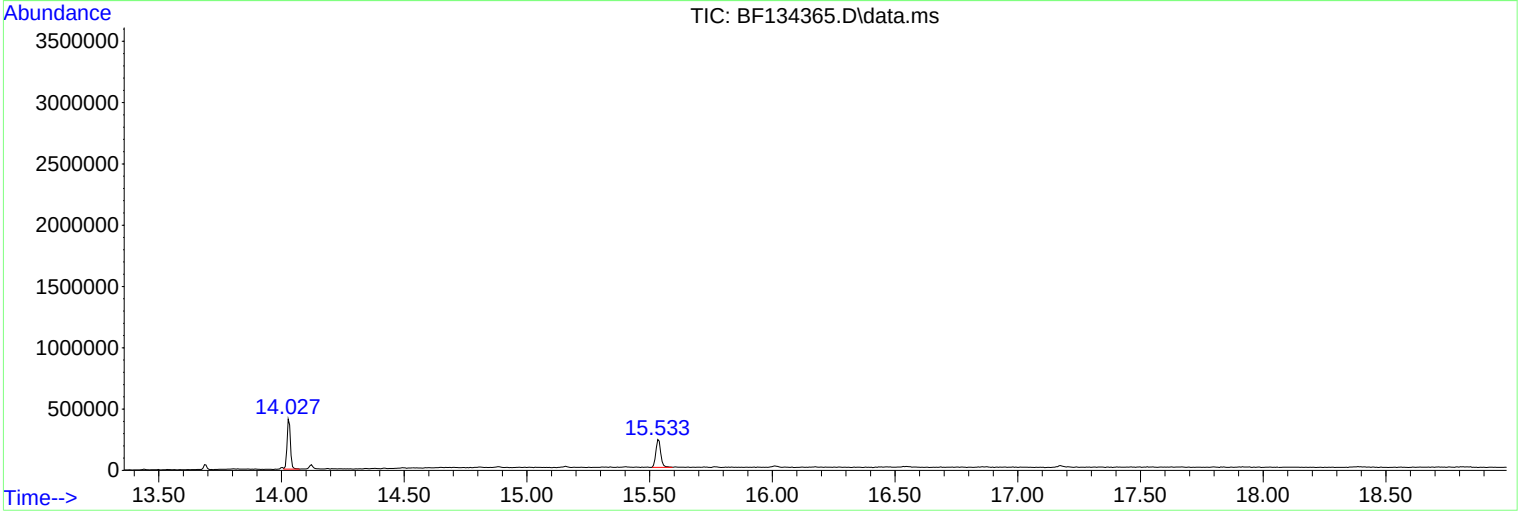
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

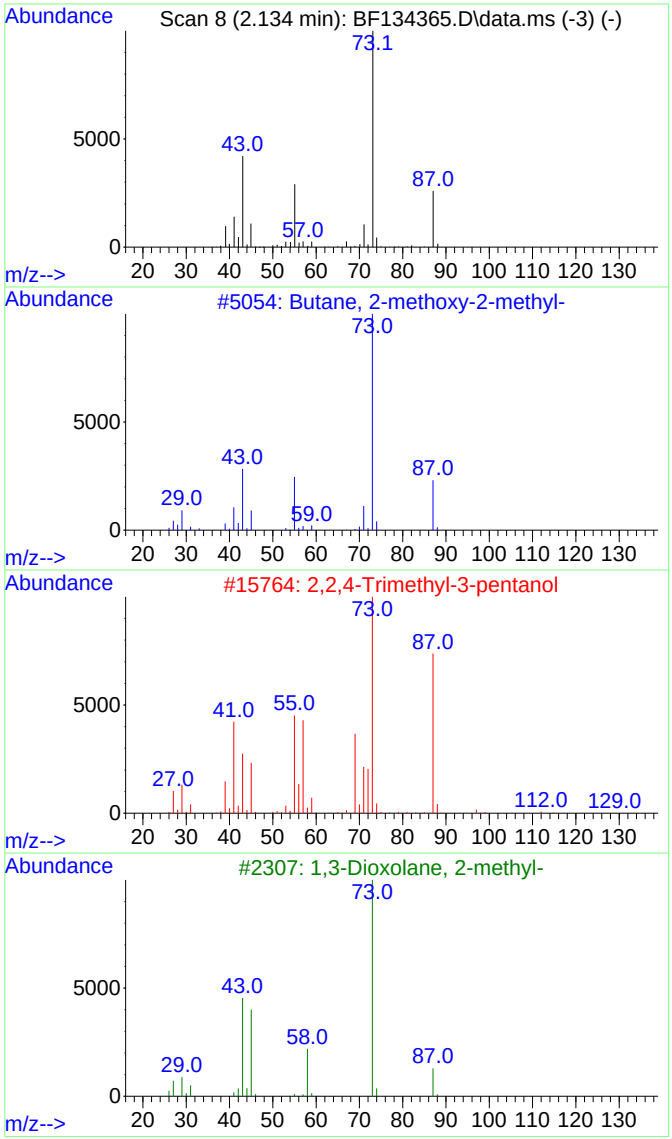
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

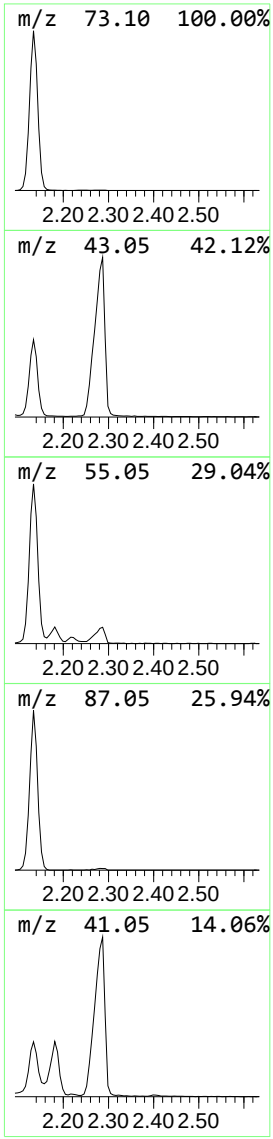
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	57.84 ng	1179430	1,4-Dichlorobenzene-d4	6.834

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

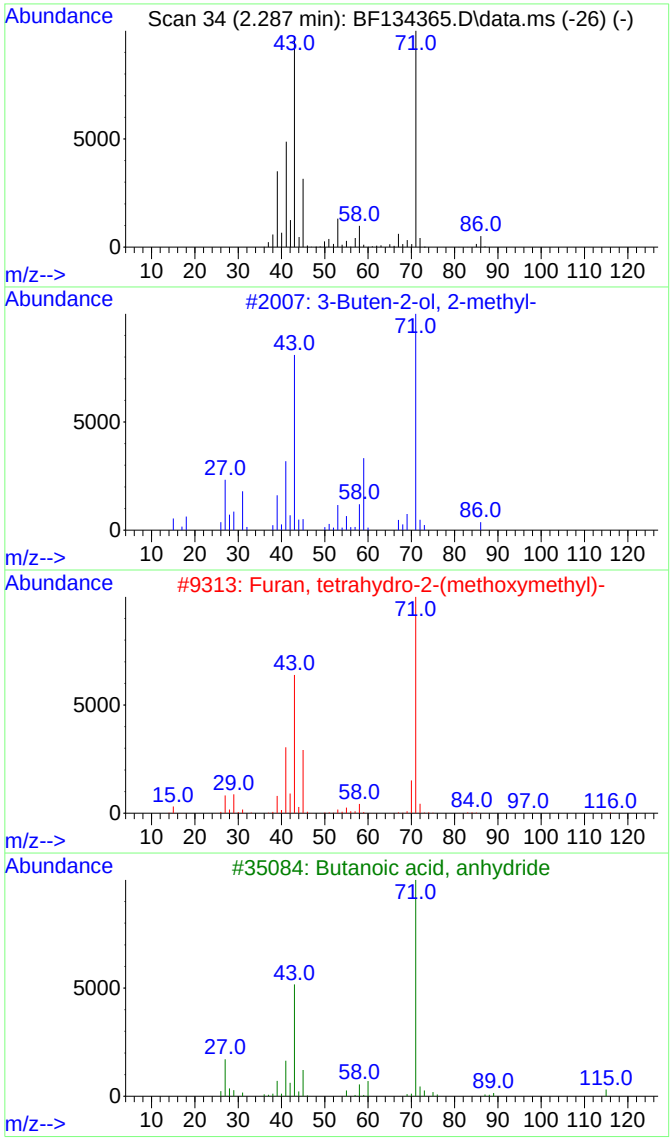
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

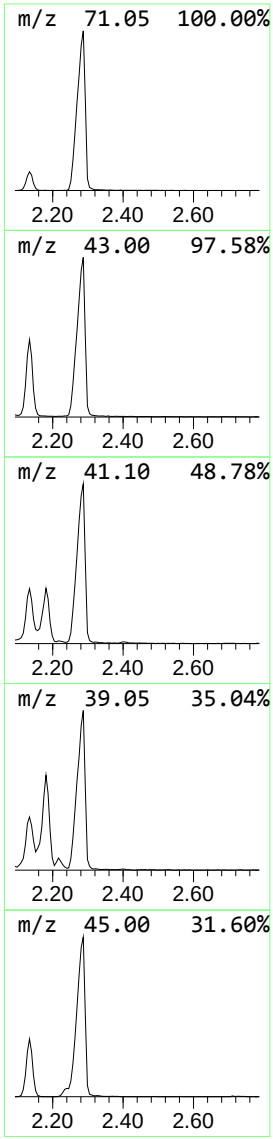
****

Peak Number 3 3-Buten-2-ol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.287	88.25 ng	1799600	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
3	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	56
4	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	53
5	3-Penten-2-ol	86	C5H10O	001569-50-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

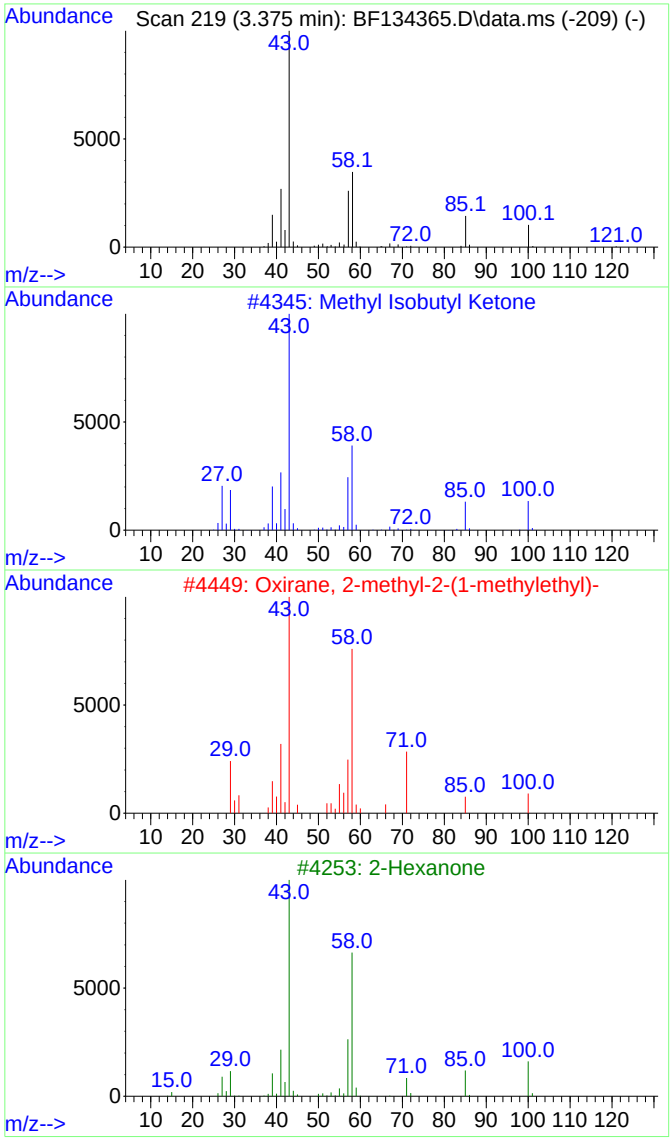
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

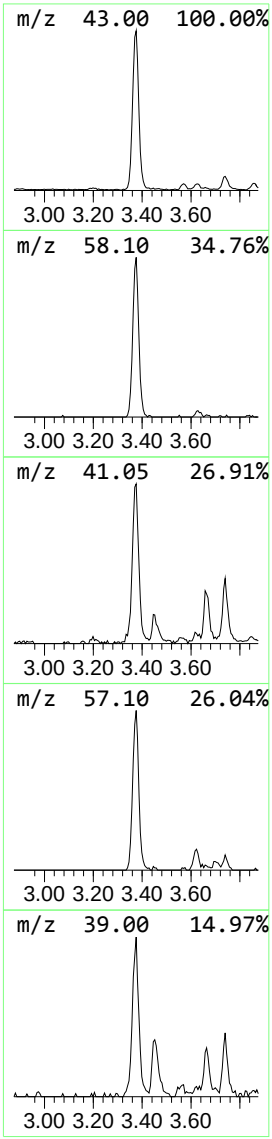
****

Peak Number 4 Methyl Isobutyl Ketone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.375	13.31 ng	271372	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	90
2	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	78
3	2-Hexanone	100	C6H12O	000591-78-6	64
4	2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	56
5	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

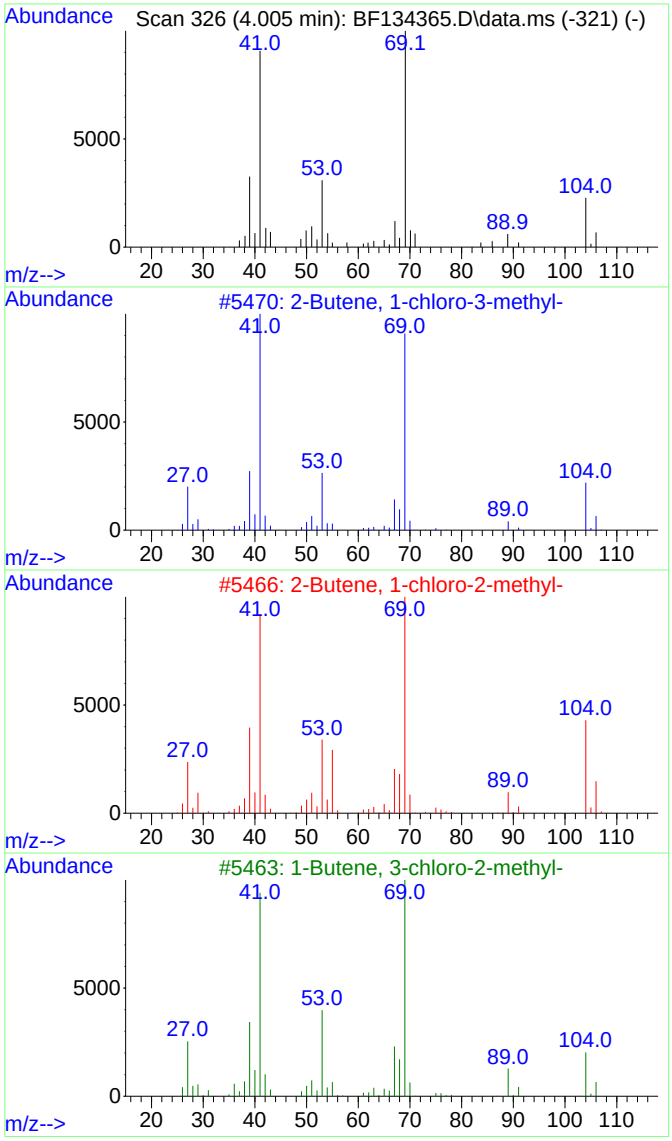
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

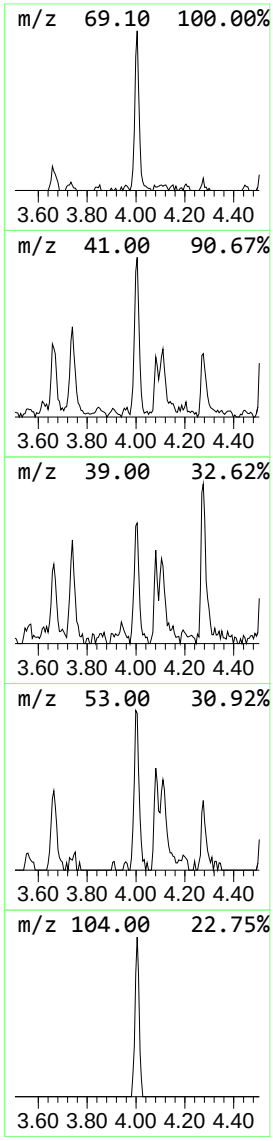
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Butene, 1-chloro-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.005	3.32 ng	67706	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	91
2	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	78
3	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	72
4	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	64
5	3-Methyl-3-nitrobut-1-ene	115	C5H9NO2	001809-67-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

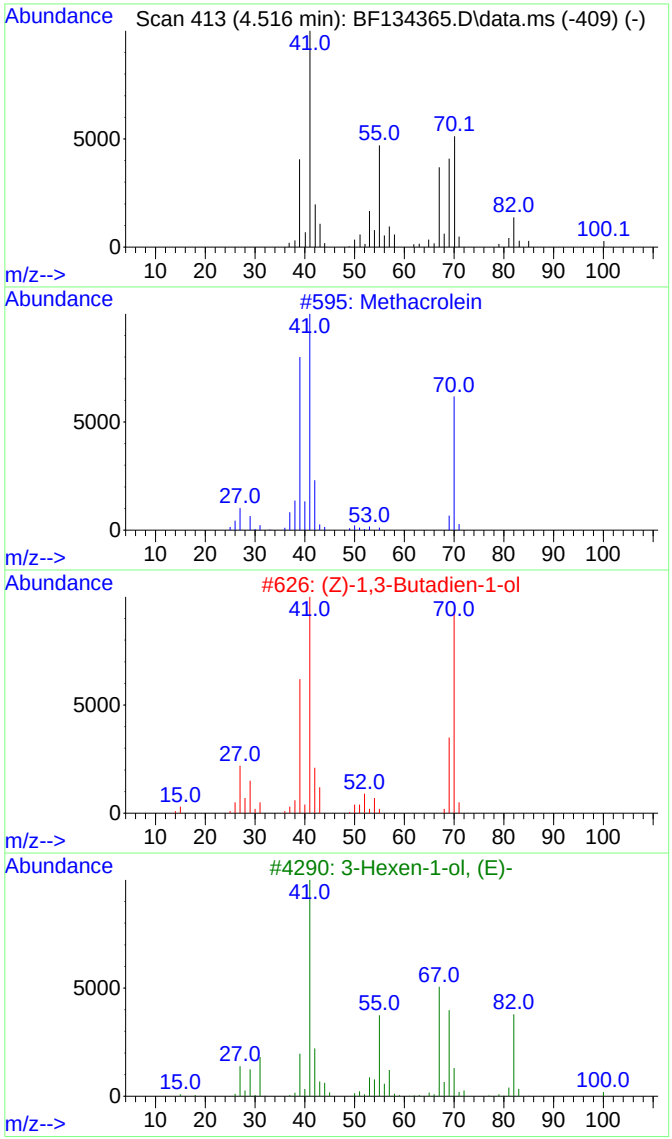
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

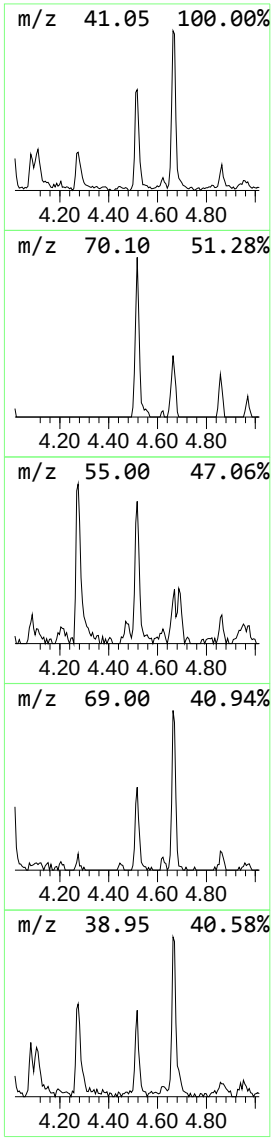
****

Peak Number 6 Methacrolein Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	3.11 ng	63476	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrolein	70	C4H6O	000078-85-3	50
2	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	43
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	43
4	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	40
5	2-Penten-1-ol, 2-methyl-, (Z)-	100	C6H12O	016958-20-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

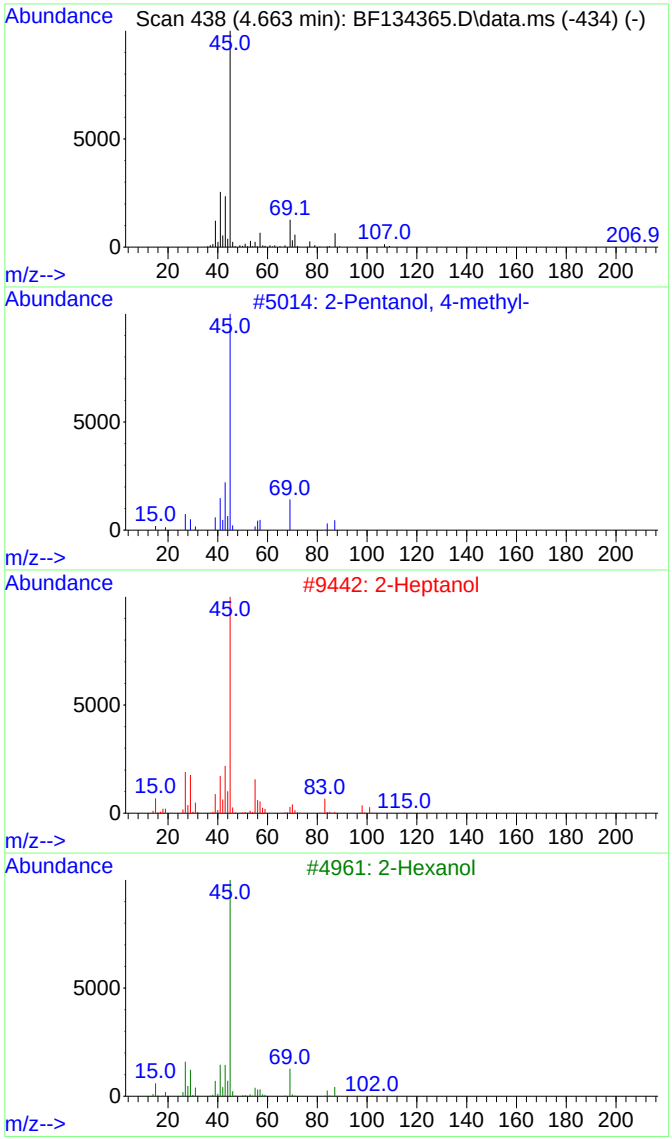
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

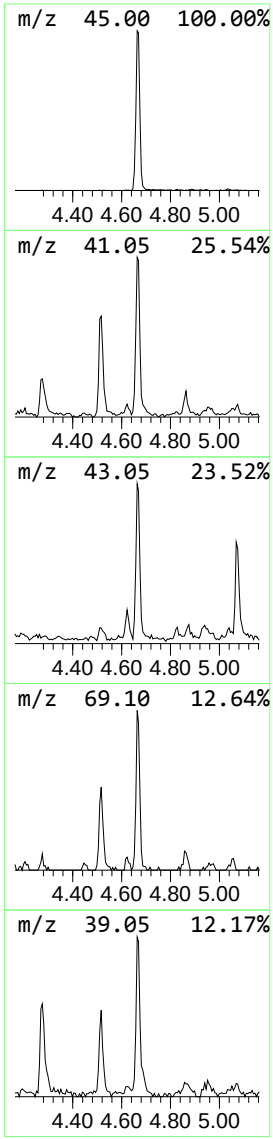
****

Peak Number 7 2-Pentanol, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.663	9.59 ng	195636	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
2	2-Heptanol	116	C7H16O	000543-49-7	45
3	2-Hexanol	102	C6H14O	000626-93-7	40
4	4-Penten-2-ol	86	C5H10O	000625-31-0	39
5	(+-)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

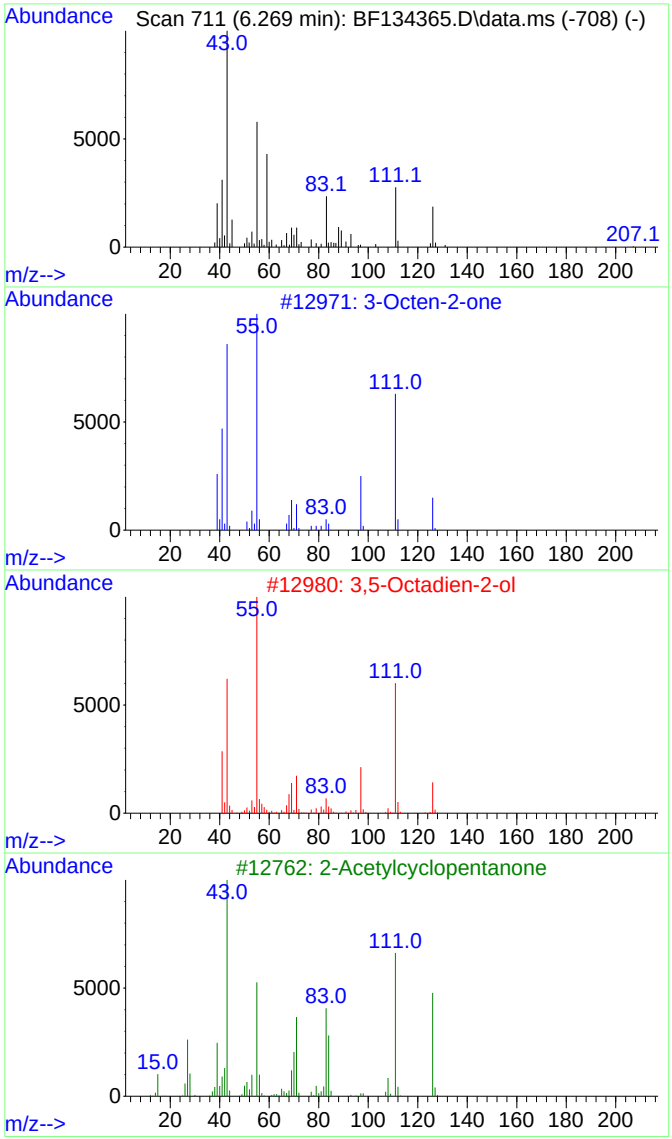
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

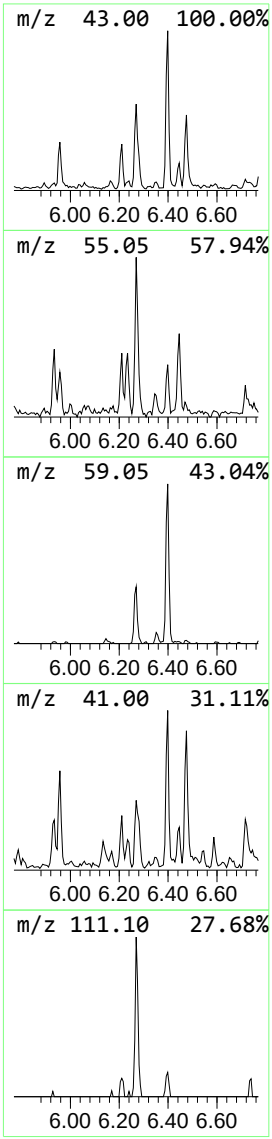
****

Peak Number 8 unknown6.269 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	5.16 ng	105255	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-one	126	C8H14O	001669-44-9	27
2	3,5-Octadien-2-ol	126	C8H14O	069668-82-2	25
3	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	25
4	3-Penten-2-one, 3-ethyl-4-methyl-	126	C8H14O	022287-11-2	22
5	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

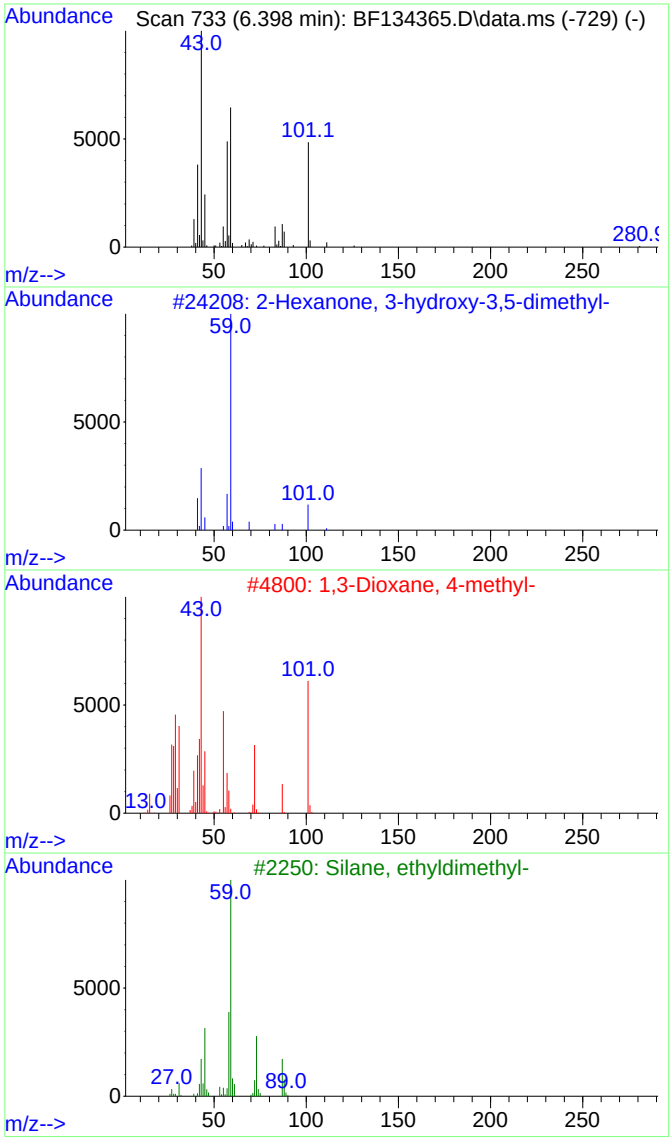
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

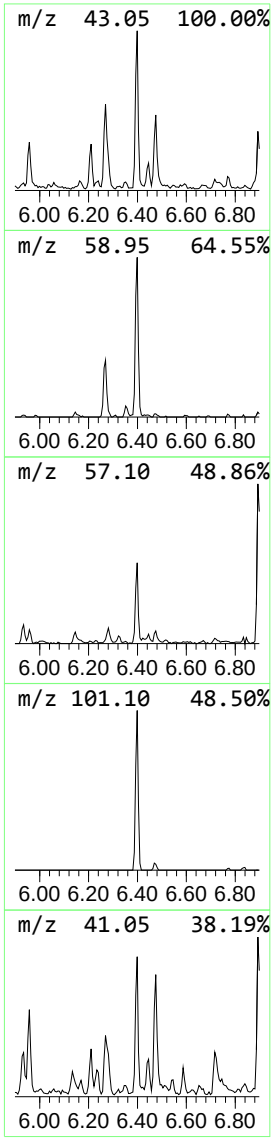
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Hexanone, 3-hydroxy-3,5-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	5.97 ng	121667	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	50
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	47
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
4	2,3:5,6-Diacetone-4-O-methylmann...	276	C13H24O6	1000130-08-7	23
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

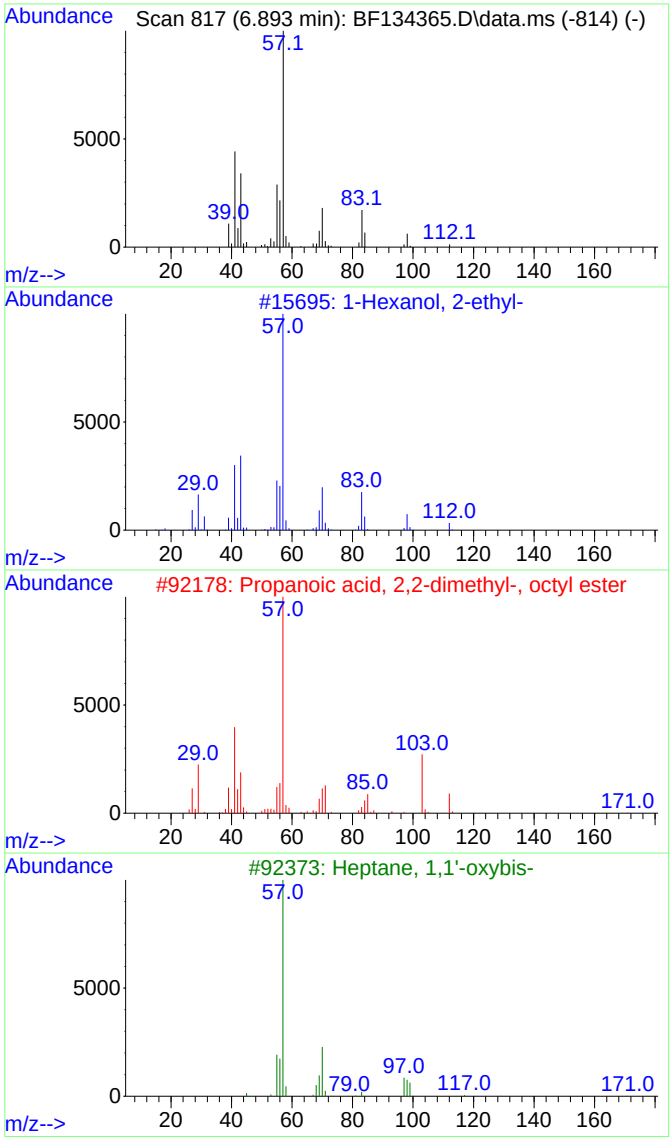
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

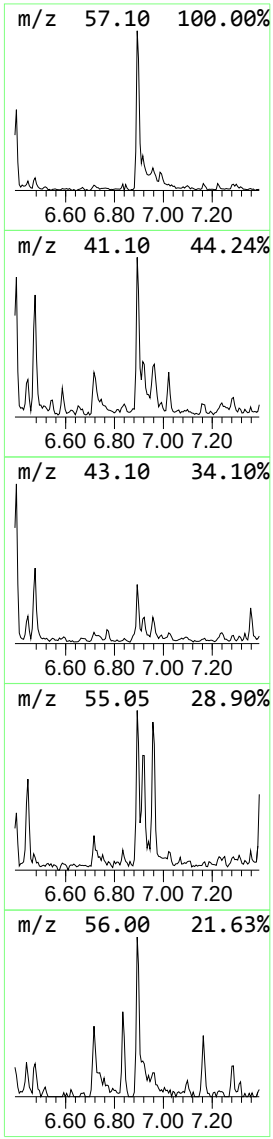
****

Peak Number 10 1-Hexanol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.893	4.93 ng	100582	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	50
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
5	2-Propyl-1-pentanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

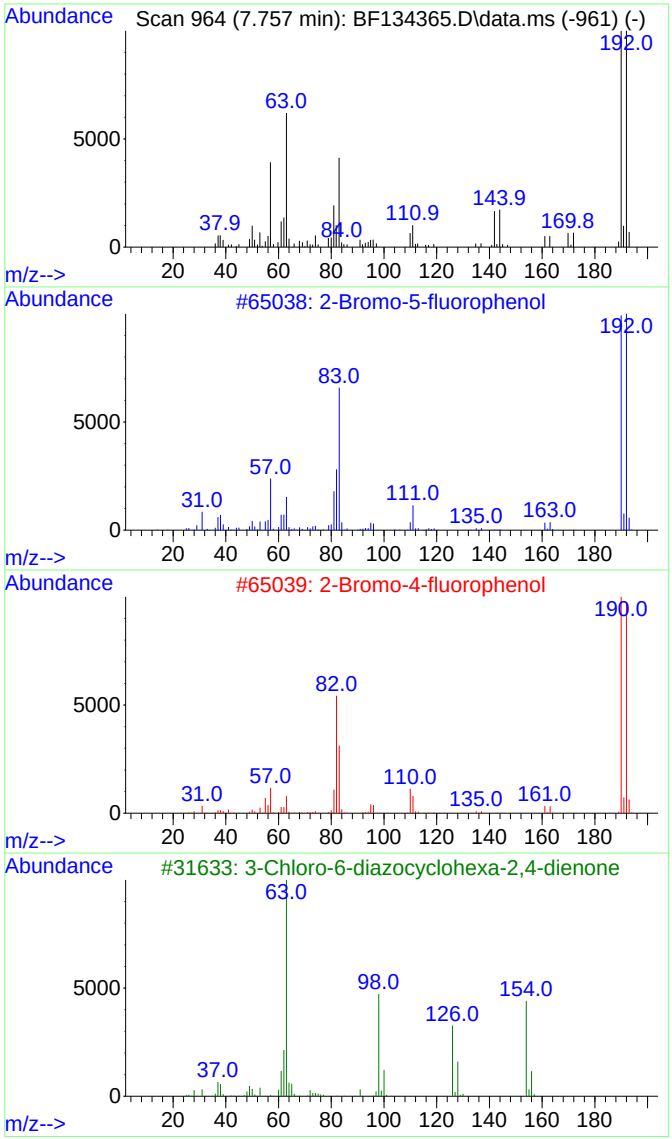
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

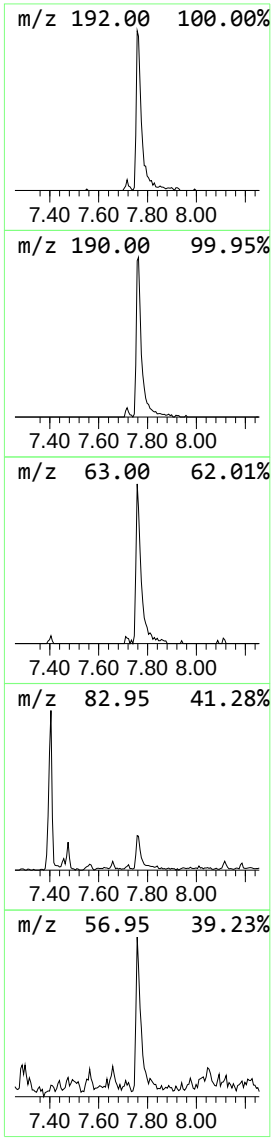
****

Peak Number 11 2-Bromo-5-fluorophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	5.34 ng	146352	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-5-fluorophenol	190	C6H4BrFO	147460-41-1	53
2	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	41
3	3-Chloro-6-diazocyclohexa-2,4-di...	154	C6H3ClN2O	080090-95-5	35
4	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	27
5	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

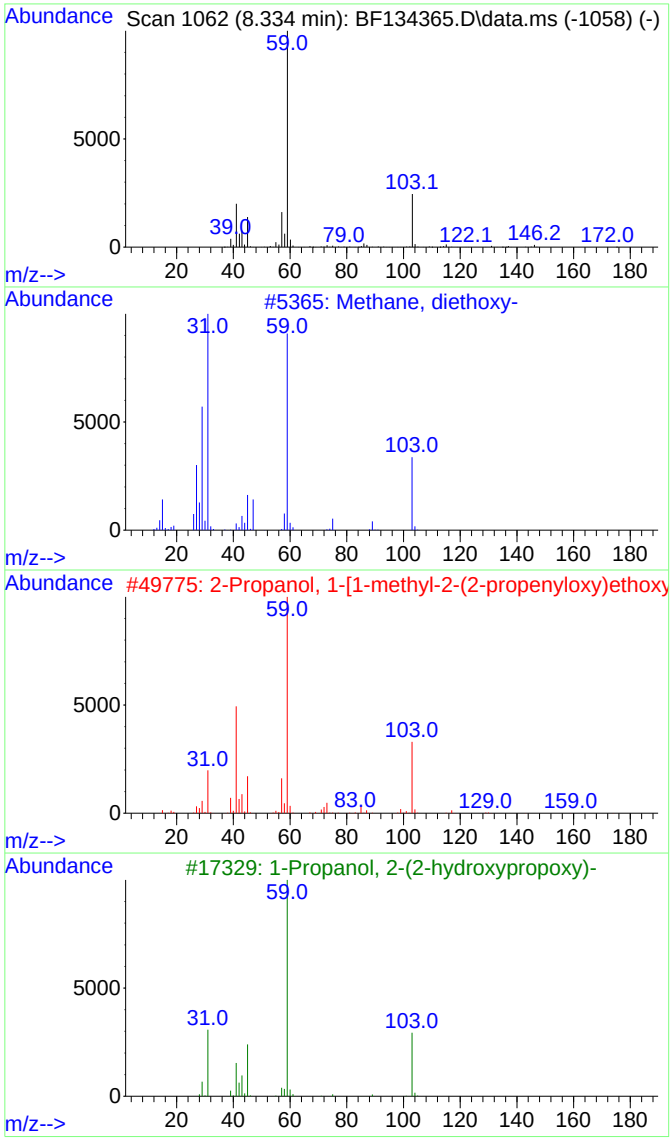
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

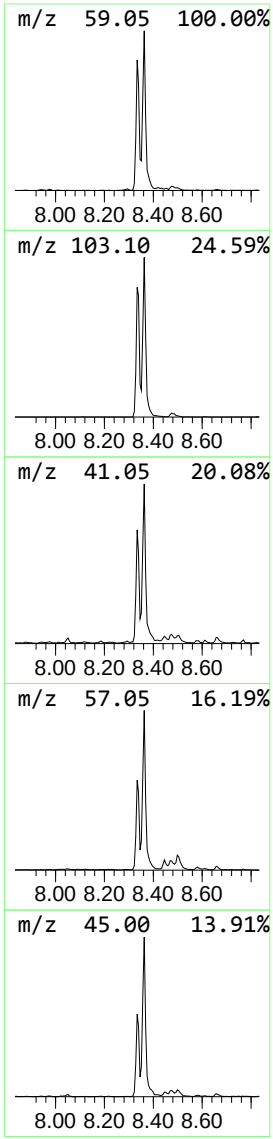
****

Peak Number 12 Methane, diethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	38.83 ng	1064870	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	80
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
4	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	72
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

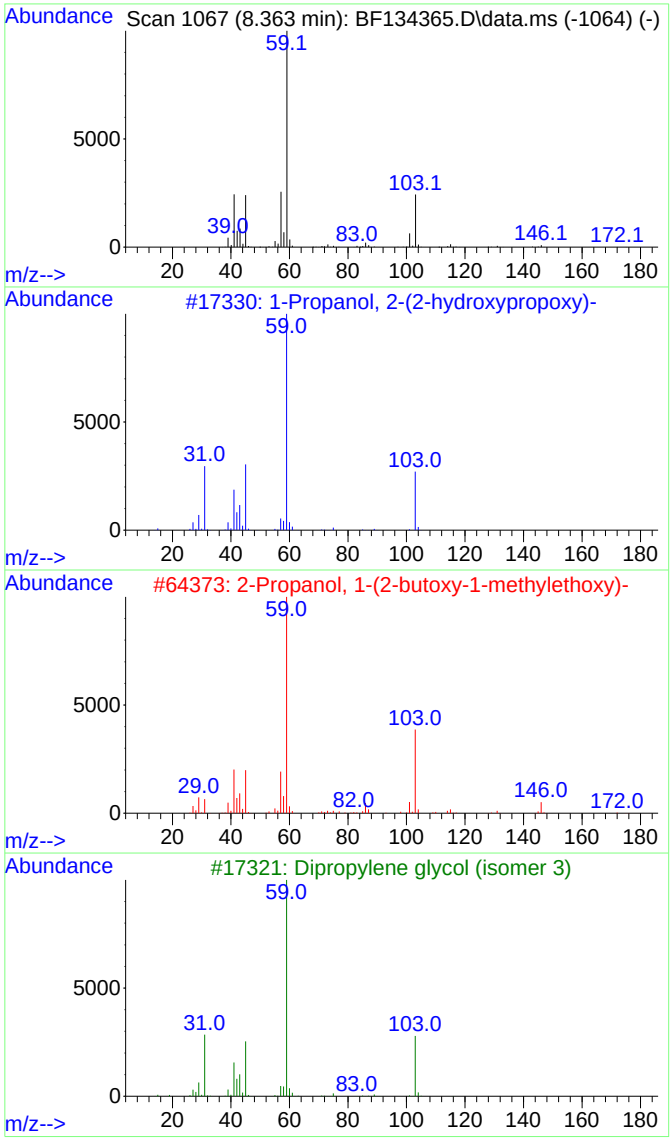
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

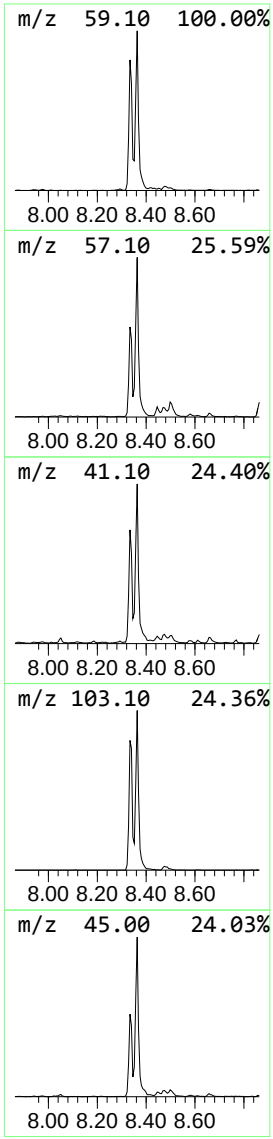
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Propanol, 2-(2-hydroxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	55.61 ng	1524920	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	78
3	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	72
4	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	72
5	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

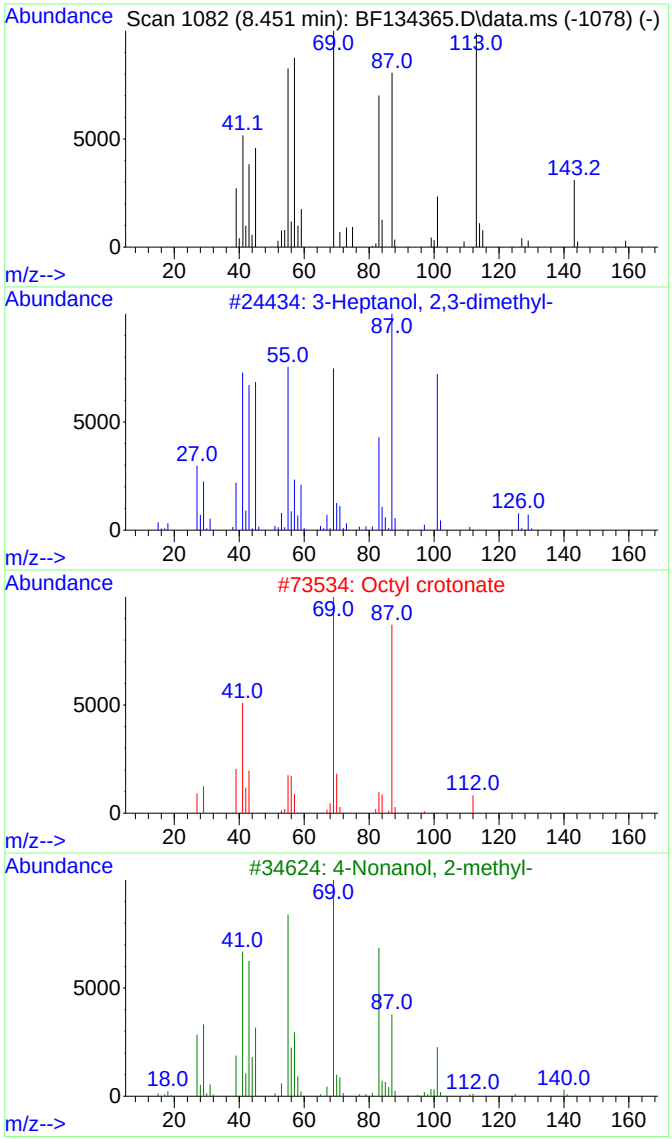
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

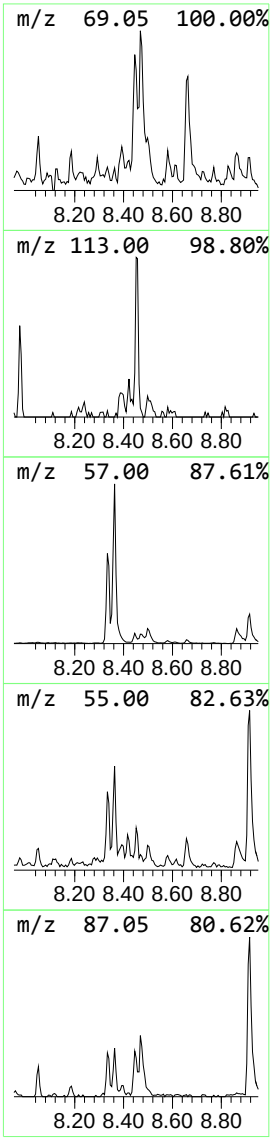
****

Peak Number 14 unknown8.451 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	4.07 ng	111571	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 2,3-dimethyl-	144	C9H20O	019549-71-4	40
2	Octyl crotonate	198	C12H22O2	1000429-17-5	35
3	4-Nonanol, 2-methyl-	158	C10H22O	026533-31-3	32
4	2-Methyl-5-nonanol	158	C10H22O	029843-62-7	27
5	Propargyl alcohol, TMS derivative	128	C6H12OSi	005582-62-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

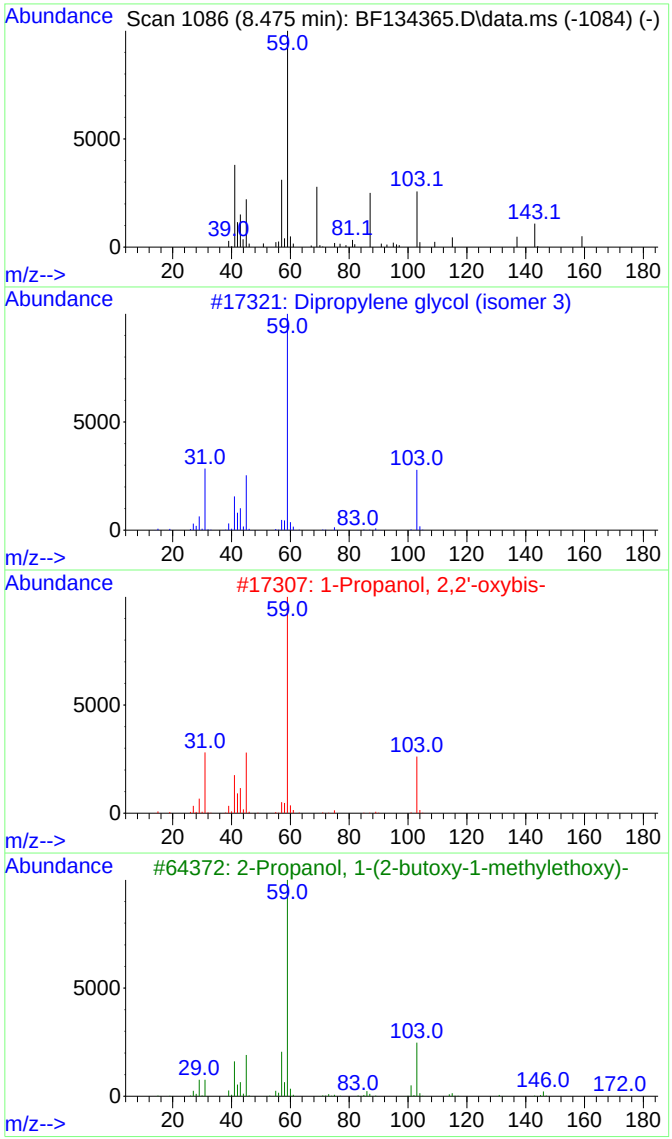
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

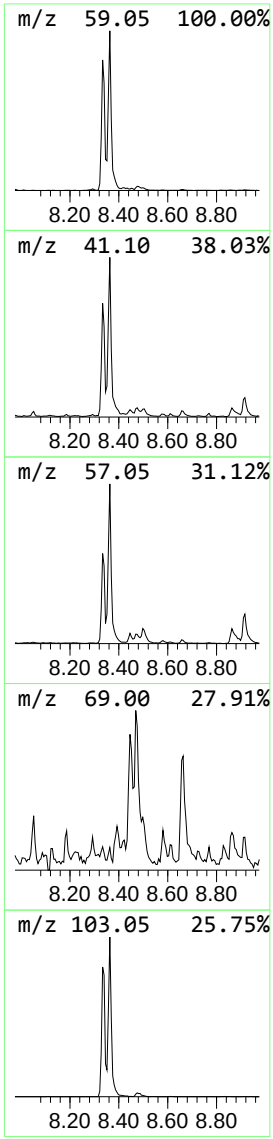
****

Peak Number 15 Dipropylene glycol (isomer 3) Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	3.18 ng	87220	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol (isomer 3)	134	C6H14O3	1000506-25-5	59
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	59
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	59
4	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	59
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

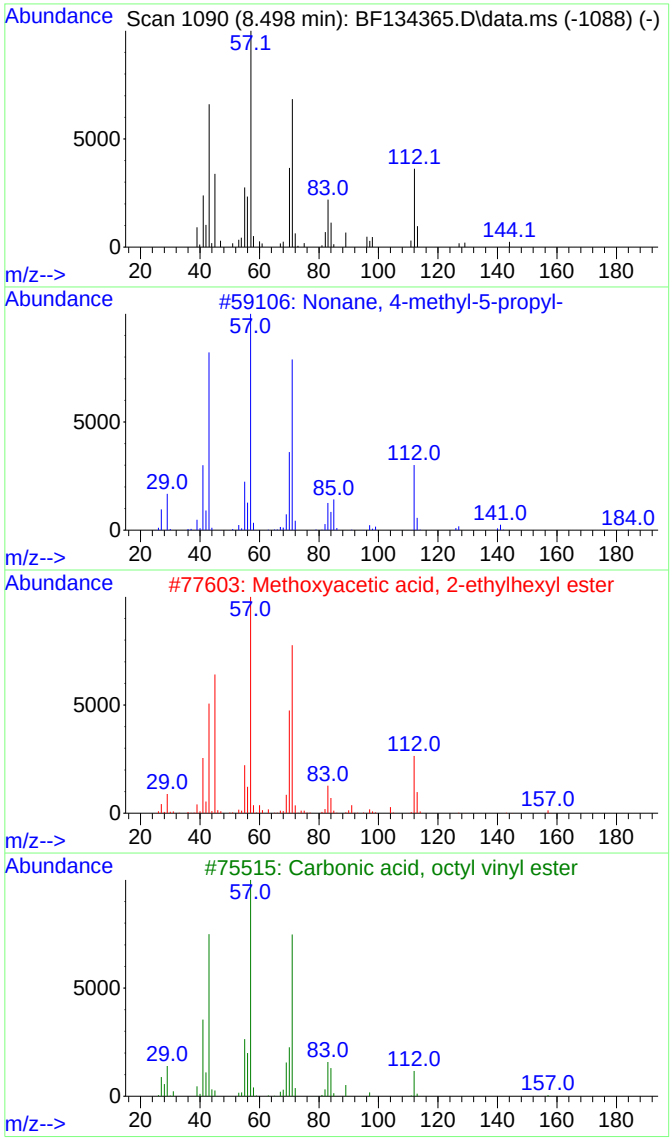
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

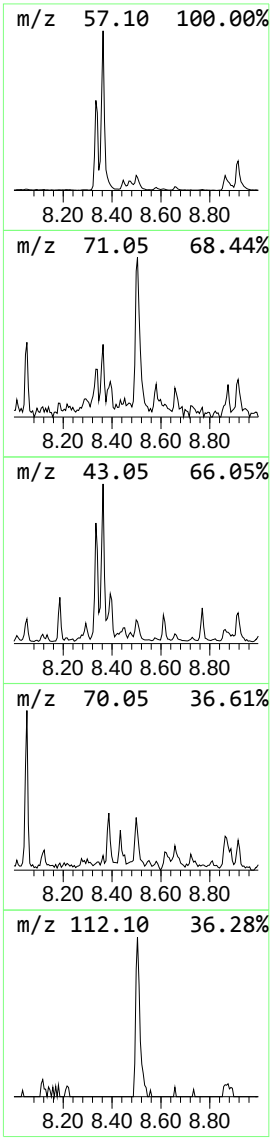
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Nonane, 4-methyl-5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	3.89 ng	106657	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59
2	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	59
3	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	58
4	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	50
5	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

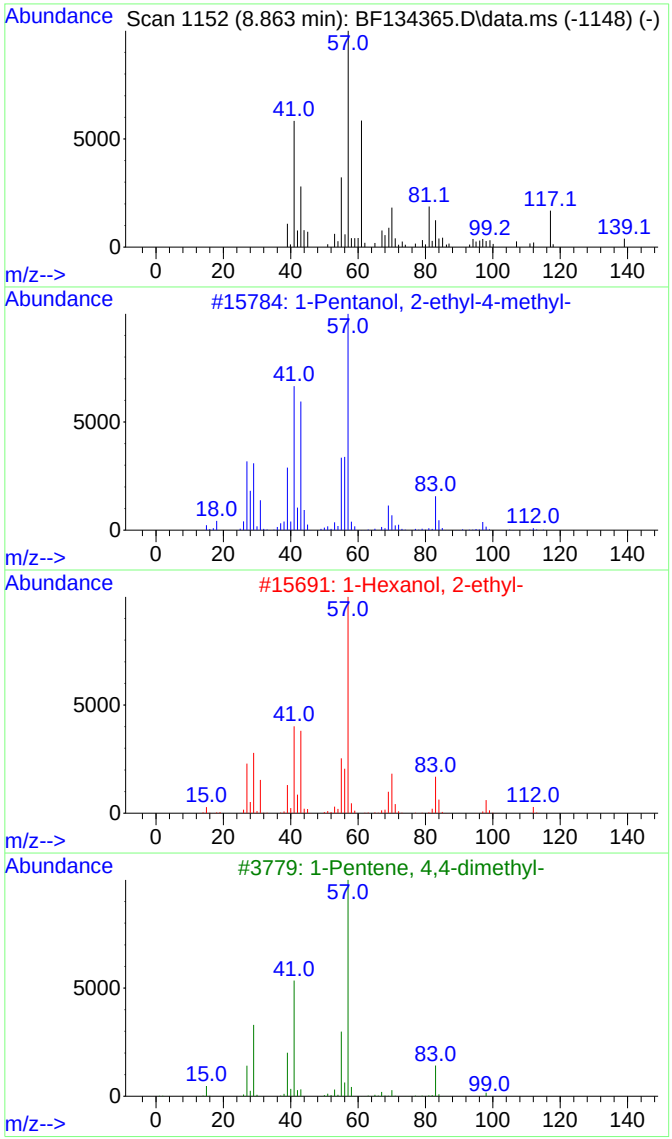
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

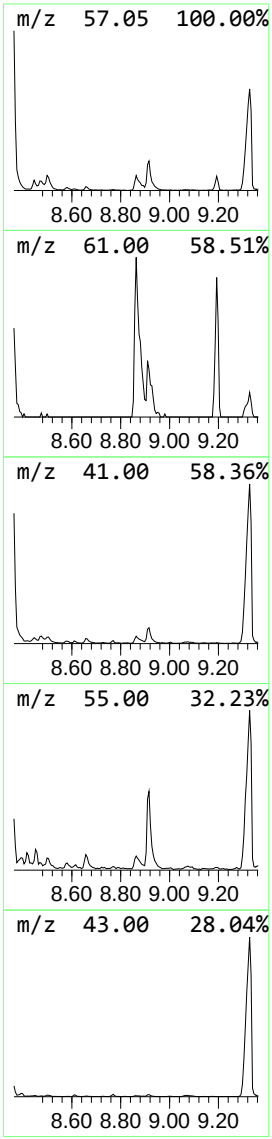
****

Peak Number 17 unknown8.863 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	4.35 ng	119248	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	22
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	14
3	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	11
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	10
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

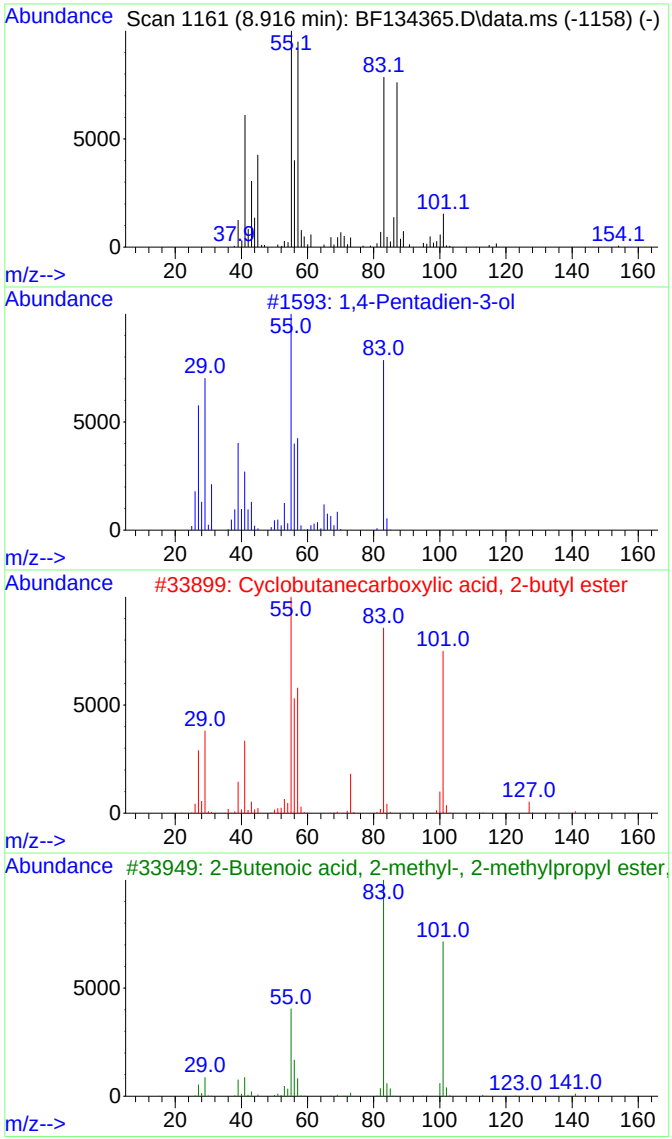
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

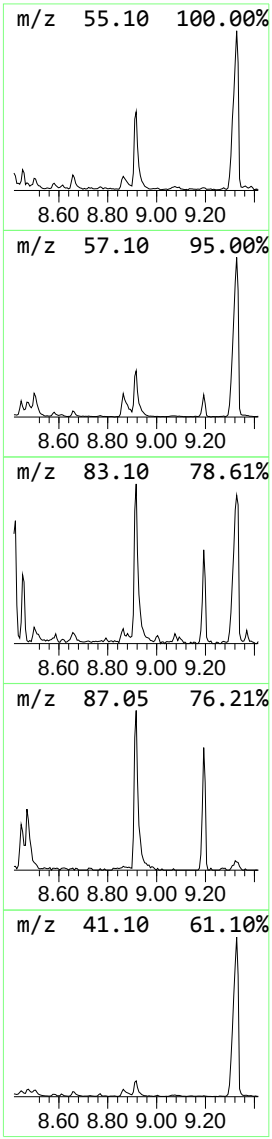
****

Peak Number 18 unknown8.916 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	8.88 ng	243391	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	38
2	Cyclobutanecarboxylic acid, 2-bu...	156	C9H16O2	1000282-60-4	38
3	2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	38
4	3-Ethyl-5-hexen-3-ol	128	C8H16O	001907-46-6	35
5	Cyclopropanecarboxylic acid, 1-a...	101	C4H7NO2	022059-21-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

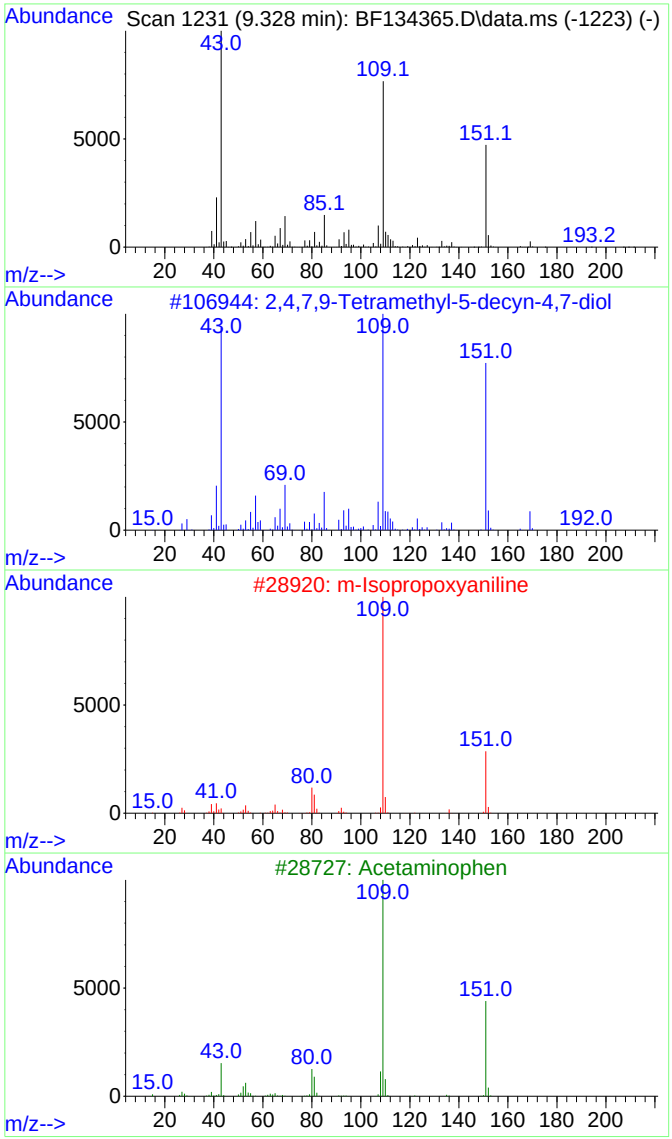
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

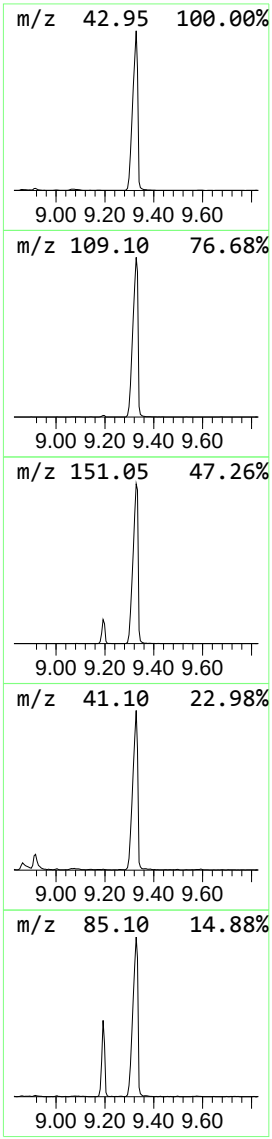
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	187.98 ng	5192730	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
3	Acetaminophen	151	C8H9NO2	000103-90-2	59
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
5	Metacetamol	151	C8H9NO2	000621-42-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

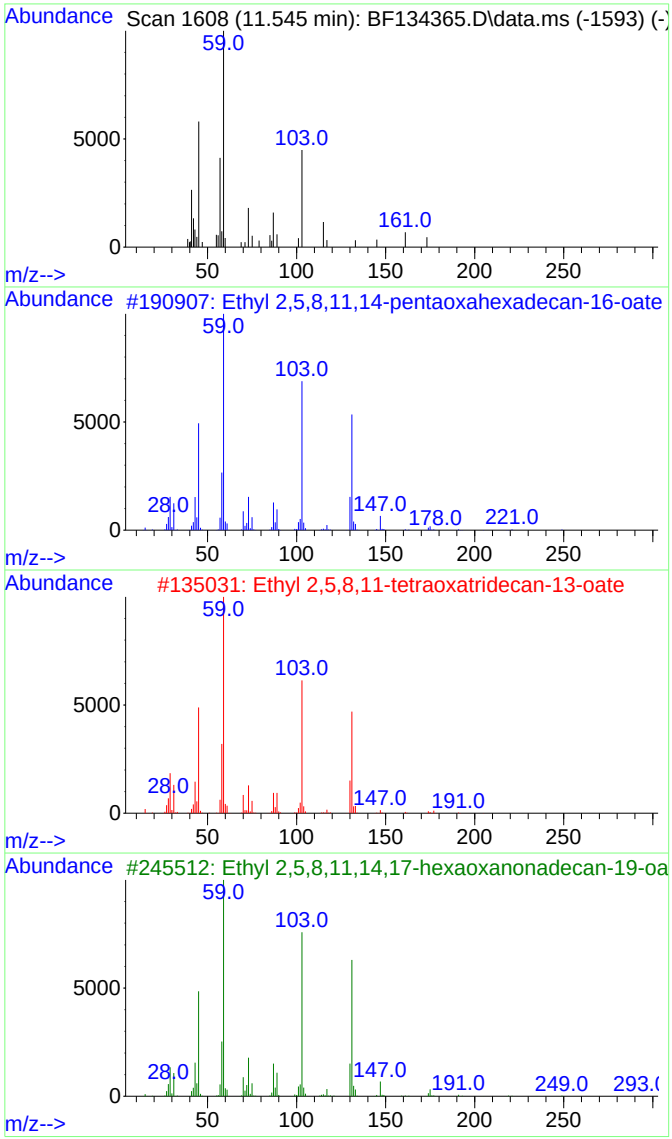
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

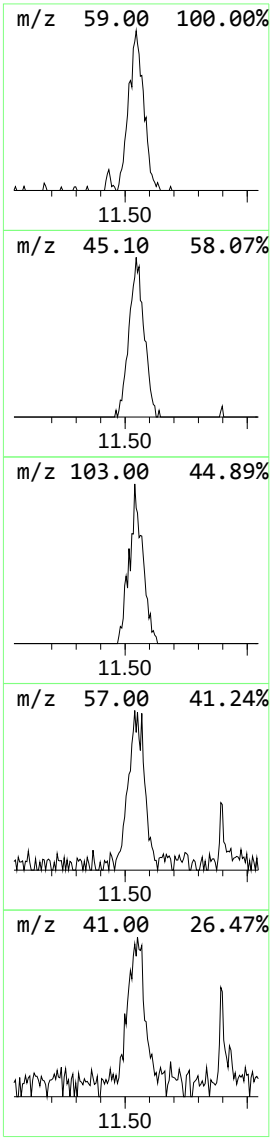
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethyl 2,5,8,11,14-pentaoxah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.545	5.36 ng	129001	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2,5,8,11,14-pentaoxahexade...	294	C13H26O7	1000366-80-7	56
2	Ethyl 2,5,8,11-tetraoxatridecan-...	250	C11H22O6	1000366-77-9	56
3	Ethyl 2,5,8,11,14,17-hexaoxanona...	338	C15H30O8	1000366-80-6	56
4	Methyltrioxitol, TBDMS derivative	278	C13H30O4Si	1000352-09-5	47
5	Methyl 2,5,8,11,14,17,20,23-octa...	412	C18H36O10	1000366-81-2	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134365.D
Acq On : 19 Jul 2023 18:38
Operator : CG\JU
Sample : 03599-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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...	2.134	57.8	ng	1179430	1	6.834	407830	20.0
3-Buten-2-ol, 2...	2.287	88.3	ng	1799600	1	6.834	407830	20.0
Methyl Isobutyl...	3.375	13.3	ng	271372	1	6.834	407830	20.0
2-Butene, 1-chl...	4.005	3.3	ng	67706	1	6.834	407830	20.0
Methacrolein	4.516	3.1	ng	63476	1	6.834	407830	20.0
2-Pentanol, 4-m...	4.663	9.6	ng	195636	1	6.834	407830	20.0
unknown6.269	6.269	5.2	ng	105255	1	6.834	407830	20.0
2-Hexanone, 3-h...	6.398	6.0	ng	121667	1	6.834	407830	20.0
1-Hexanol, 2-et...	6.893	4.9	ng	100582	1	6.834	407830	20.0
2-Bromo-5-fluor...	7.757	5.3	ng	146352	2	8.116	548448	20.0
Methane, diethoxy-	8.334	38.8	ng	1064870	2	8.116	548448	20.0
1-Propanol, 2-(...	8.363	55.6	ng	1524920	2	8.116	548448	20.0
unknown8.451	8.451	4.1	ng	111571	2	8.116	548448	20.0
Dipropylene gly...	8.475	3.2	ng	87220	2	8.116	548448	20.0
Nonane, 4-methy...	8.498	3.9	ng	106657	2	8.116	548448	20.0
unknown8.863	8.863	4.3	ng	119248	2	8.116	548448	20.0
unknown8.916	8.916	8.9	ng	243391	2	8.116	548448	20.0
2,4,7,9-Tetrame...	9.328	188.0	ng	5192730	3	9.875	552473	20.0
Ethyl 2,5,8,11,...	11.545	5.4	ng	129001	4	11.369	481392	20.0