LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124158.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	13	rVB	1310055	1647055	7.43%	1.876%
2	5.457	557	573	574	rBV7	81598	265101	1.20%	0.302%
3	5.498	576	580	586	rVV	683103	736294	3.32%	0.839%
4	5.798	624	631	632	rBV3	131750	255948	1.16%	0.292%
5	5.993	650	664	665	rBV2	189805	515936	2.33%	0.588%
6	6.198	692	699	702	rBV	1030640	1298791	5.86%	1.479%
7	6.534	750	756	763	rBV3	331189	729349	3.29%	0.831%
8	6.863	807	812	815	rBV	321796	258437	1.17%	0.294%
9	6.951	821	827	830	rBV	751140	814699	3.68%	0.928%
10	7.304	872	887	890	rBV4	492713	1492059	6.73%	1.699%
11	7.428	905	908	911	rVB	739026	742867	3.35%	0.846%
12	7.481	911	917	922	rBV	1079177	1333957	6.02%	1.519%
13	7.598	928	937	941	rBV3	975250	2085428	9.41%	2.375%
14	7.675	946	950	953	rBV3	934073	1585818	7.16%	1.806%
15	7.698	953	954	962	rVB3	984400	930526	4.20%	1.060%
16	7.787	962	969	971	rBV4	405250	773573	3.49%	0.881%
17	7.816	971	974	977	rVB	515875	530552	2.39%	0.604%
18	7.881	982	985	986	rBV	294324	278858	1.26%	0.318%
19	7.904	986	989	993	rBV6	156178	236474	1.07%	0.269%
20	8.010	1004	1007	1008	rBV2	366431	399959	1.81%	0.456%
21	8.204	1036	1040	1042	rBV	3056388	4351784	19.64%	4.957%
22	8.228	1042	1044	1046	rVB2	4613503	3260880	14.72%	3.714%
23	8.287	1046	1054	1056	rBV	1334917	2140462	9.66%	2.438%
24	8.339	1061	1063	1064	rVB	757475	409585	1.85%	0.467%
25	8.357	1064	1066	1067	rBV	550486	377394	1.70%	0.430%
26	8.445	1067	1081	1082	rBV2	7818649	22157045	100.00%	25.237%
27	8.522	1092	1094	1098	rVB3	633229	701485	3.17%	0.799%
28	8.575	1100	1103	1105	rBV	627278	557812	2.52%	0.635%
29	8.622	1109	1111	1113	rBV2	437670	464039	2.09%	0.529%
30	8.822	1142	1145	1146	rBV	937615	900816	4.07%	1.026%
31	8.922	1158	1162	1163	rVB3	792731	982479	4.43%	1.119%
32	8.939	1163	1165	1166	rVV	694735	588804	2.66%	0.671%
33	8.957	1166	1168	1173	rVB2	2359062	3907135	17.63%	4.450%
34	9.004	1173	1176	1177	rVB2	1259574	931317	4.20%	1.061%
35	9.022	1177	1179	1181	rBV2	696336	807685	3.65%	0.920%
36	9.045	1181	1183	1187	rVB2	1035146	1133574	5.12%	1.291%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.092	1187	1191	1194	rVB3	1169036	1743201	7.87%	1.986%
38	9.139	1197	1199	1201	rVB	326959	255981	1.16%	0.292%
39	9.169	1201	1204	1206	rBV	267176	222580	1.00%	0.254%
40	9.234	1211	1215	1217	rBV	2027004	1979909	8.94%	2.255%
41	9.304	1217	1227	1229	rVB	2021082	5408740	24.41%	6.161%
42	9.434	1246	1249	1250	rBV	311745	256218	1.16%	0.292%
43	9.733	1288	1300	1303	rBV	1226669	2886188	13.03%	3.287%
44	9.828	1312	1316	1319	rBV2	267942	326460	1.47%	0.372%
45	9.910	1327	1330	1337	rVV2	642050	821300	3.71%	0.935%
46	9.981	1339	1342	1349	rVB4	201922	356493	1.61%	0.406%
47	10.181	1368	1376	1378	rBV2	515127	822207	3.71%	0.937%
48	10.710	1462	1466	1472	rVB	797310	834775	3.77%	0.951%
49	10.804	1478	1482	1493	rVB2	281910	519623	2.35%	0.592%
50	11.086	1523	1530	1534	rVB2	340073	449900	2.03%	0.512%
51	11.298	1560	1566	1569	rVV	352270	436870	1.97%	0.498%
52	11.369	1573	1578	1580	rVV	2776341	2748745	12.41%	3.131%
53	11.398	1580	1583	1590	rVV	507188	504079	2.28%	0.574%
54	11.463	1590	1594	1597	rVV	1845547	1602736	7.23%	1.826%
55	11.551	1606	1609	1616	rVB	586132	545404	2.46%	0.621%
56	11.751	1640	1643	1646	rVB	711535	608246	2.75%	0.693%
57	11.939	1670	1675	1680	rBV2	777082	905103	4.08%	1.031%
58	12.657	1793	1797	1804	rVV2	275263	445559	2.01%	0.508%
59	12.716	1804	1807	1819	rVB2	433480	513807	2.32%	0.585%
60	12.880	1831	1835	1841	rBV	451910	508627	2.30%	0.579%
61	12.980	1848	1852	1855	rVB	1191614	957858	4.32%	1.091%
62	14.033	2029	2031	2035	rVB	279702	260161	1.17%	0.296%
63	15.521	2280	2284	2290	rVB2	221998	289857	1.31%	0.330%

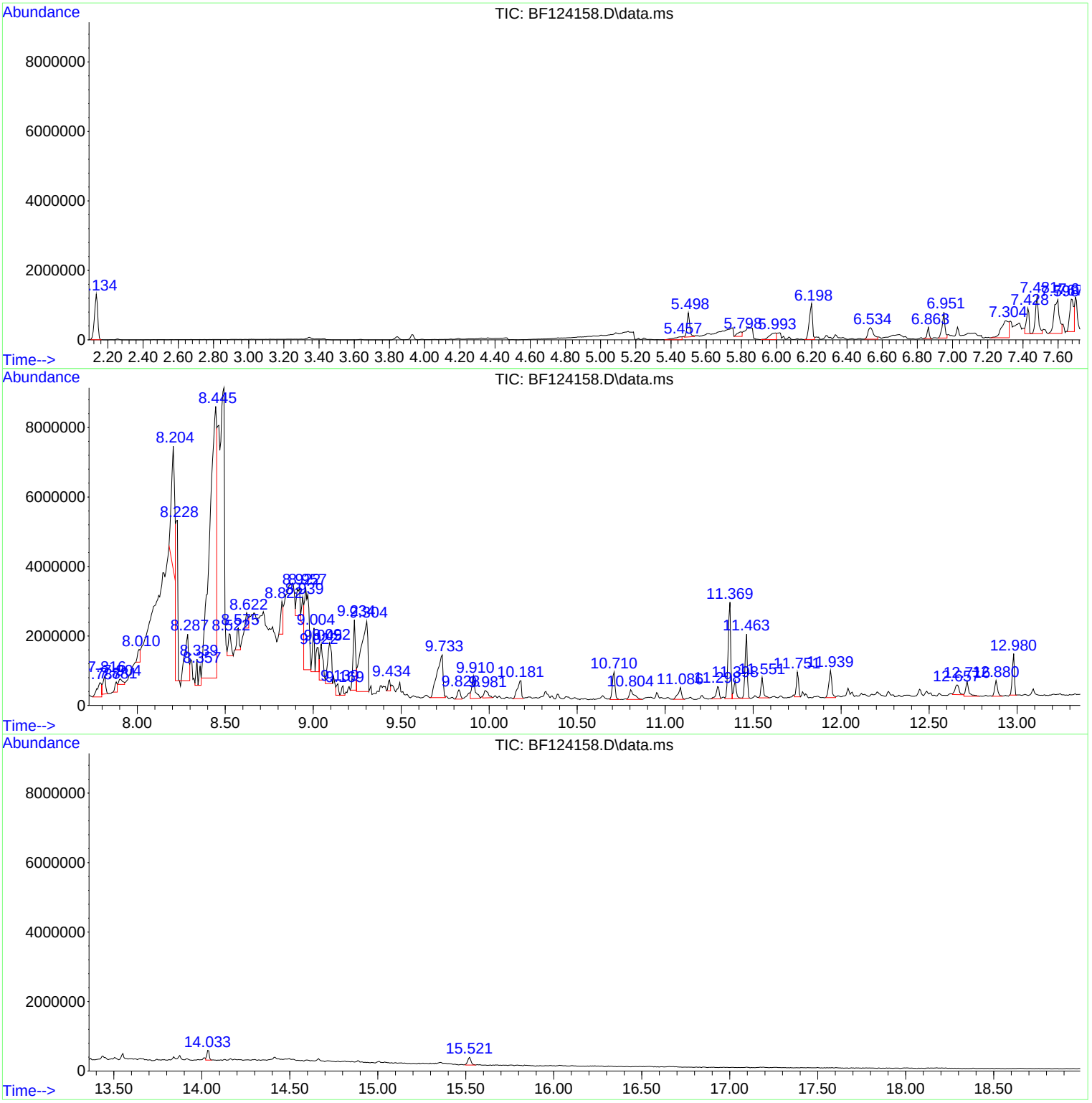
Sum of corrected areas: 87794604

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

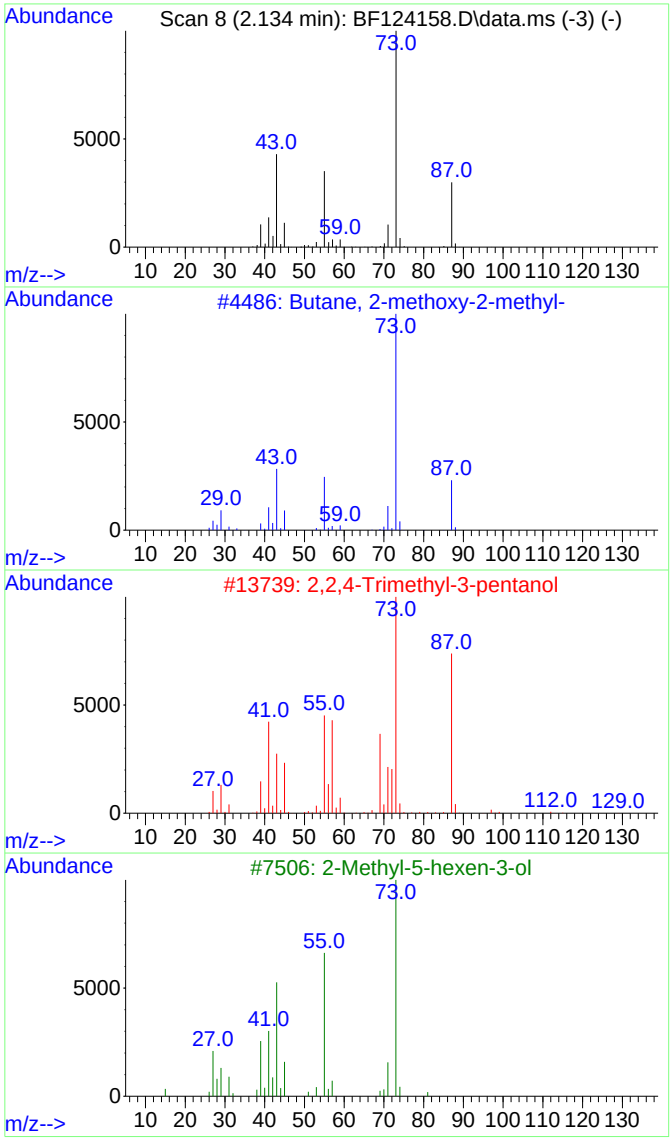
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

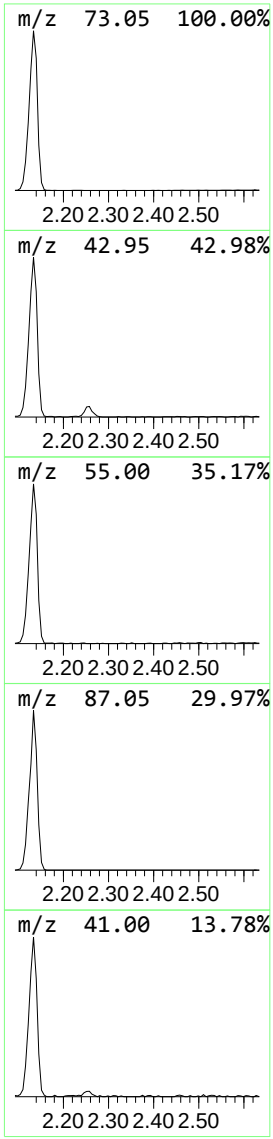
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	127.46 ng	1647060	1,4-Dichlorobenzene-d4	6.863

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	33
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

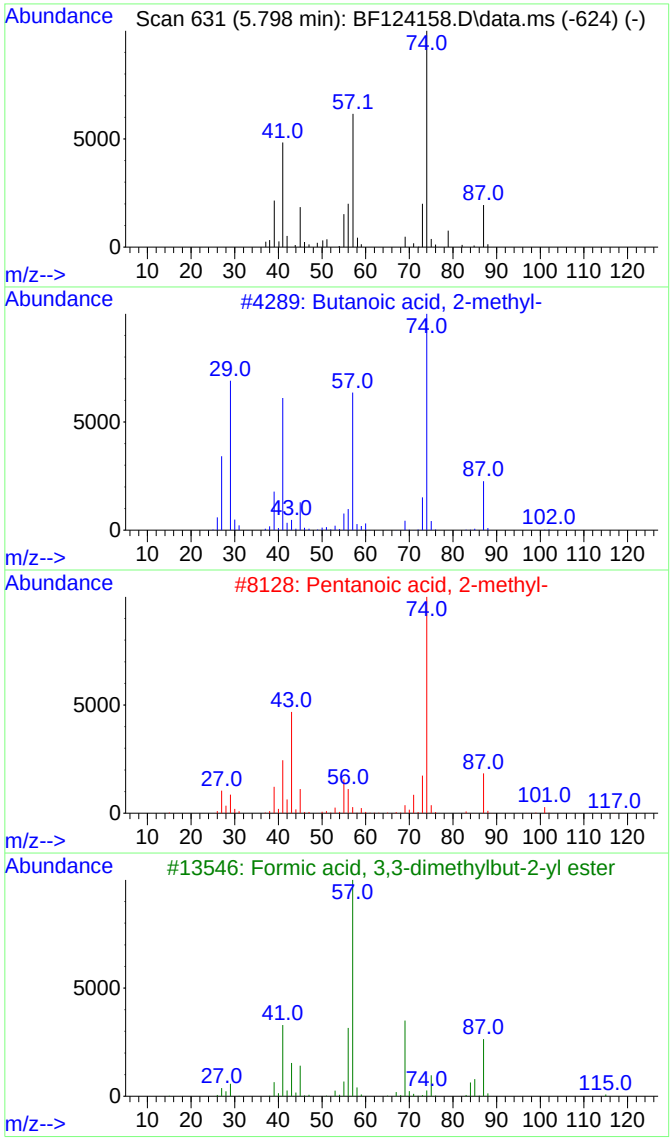
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

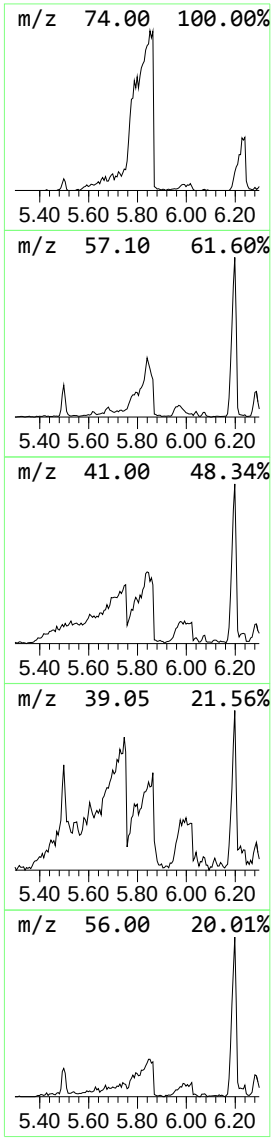
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanoic acid, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.798	19.81 ng	255948	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	64
3	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	16
4	Propanoic acid	74	C3H6O2	000079-09-4	9
5	Morpholine	87	C4H9NO	000110-91-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

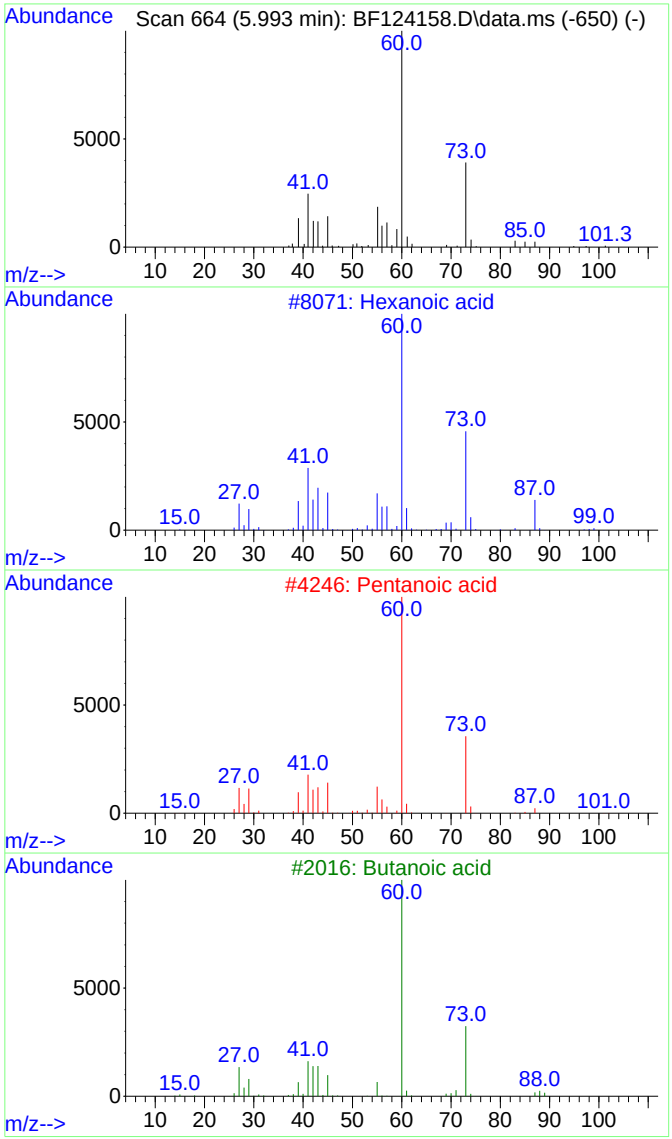
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

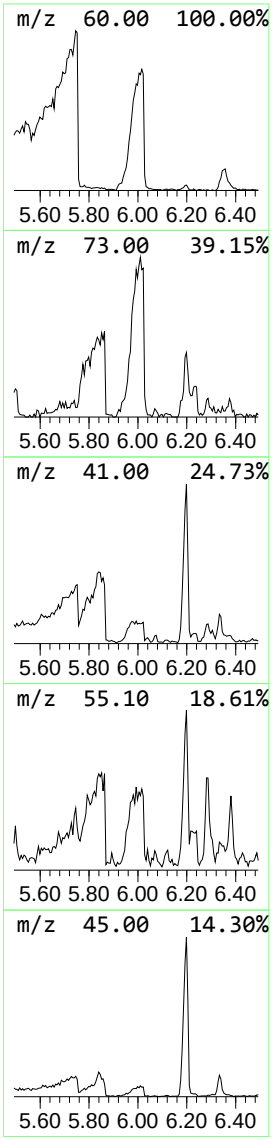
****

Peak Number 3 Hexanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.993	39.93 ng	515936	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Butanoic acid	88	C4H8O2	000107-92-6	64
4	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	64
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

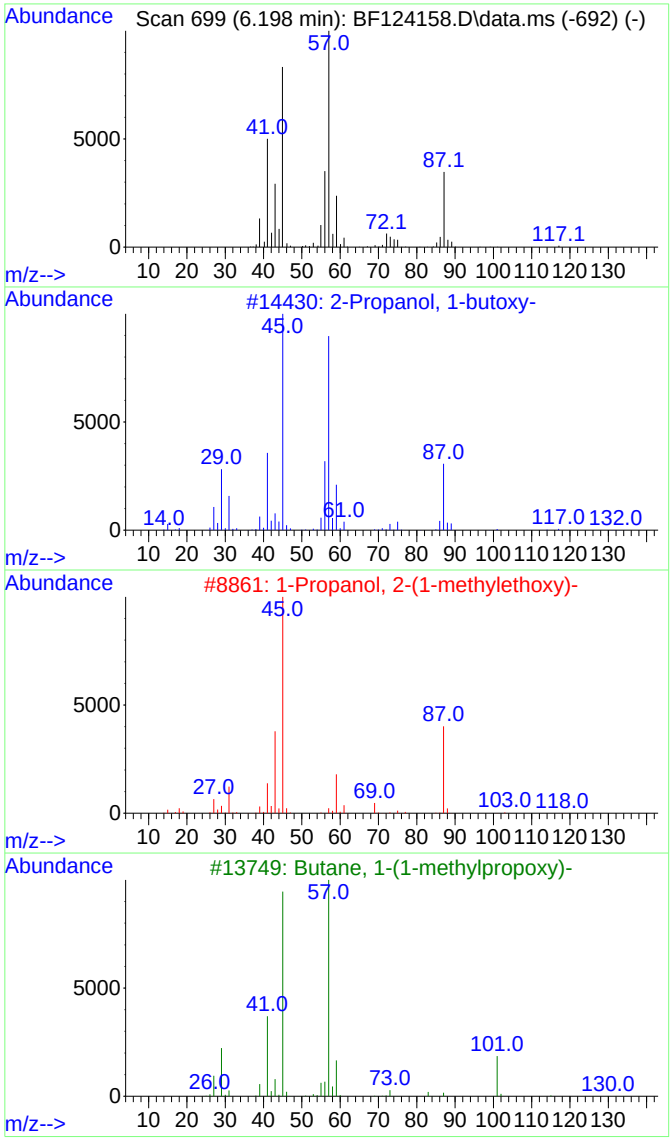
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

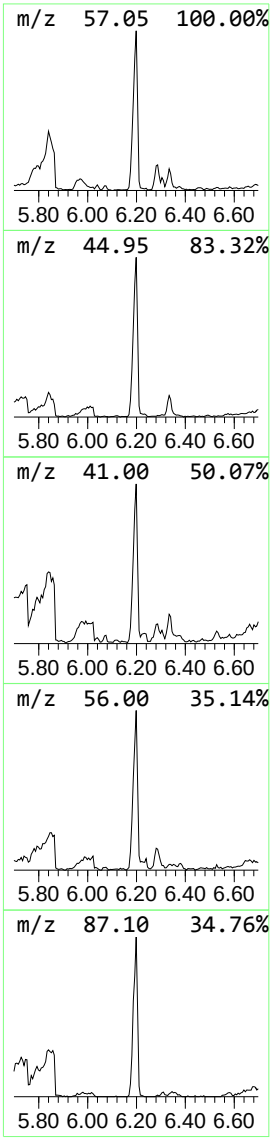
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propanol, 1-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.198	100.51 ng	1298790	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	50
5	Diethyl carbitol	162	C8H18O3	000112-36-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

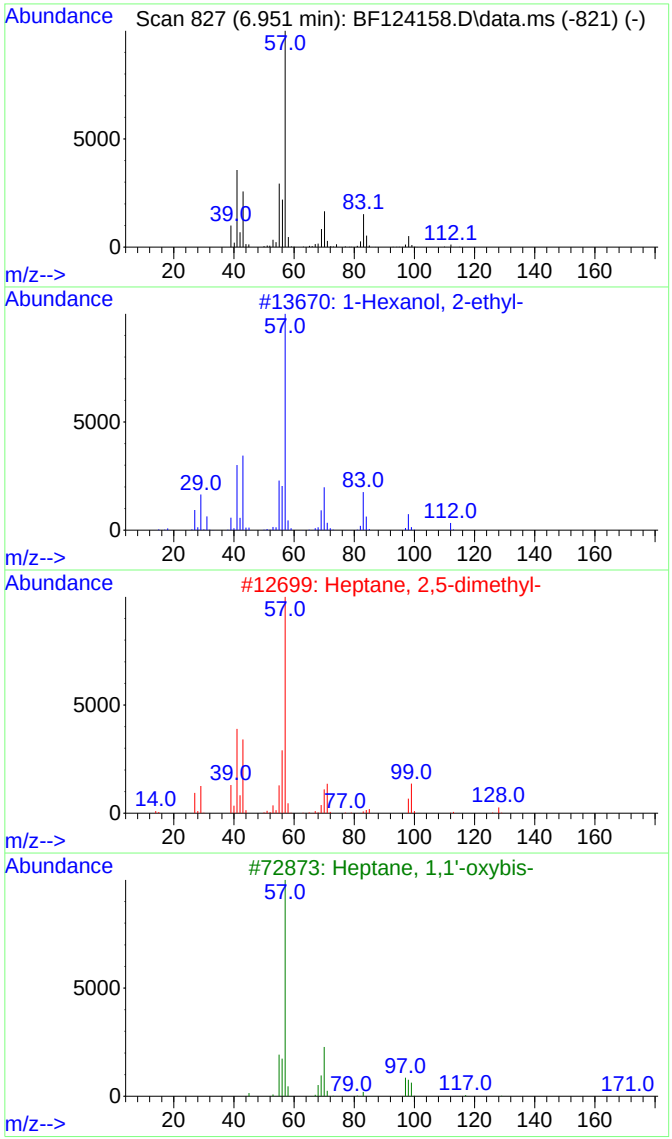
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

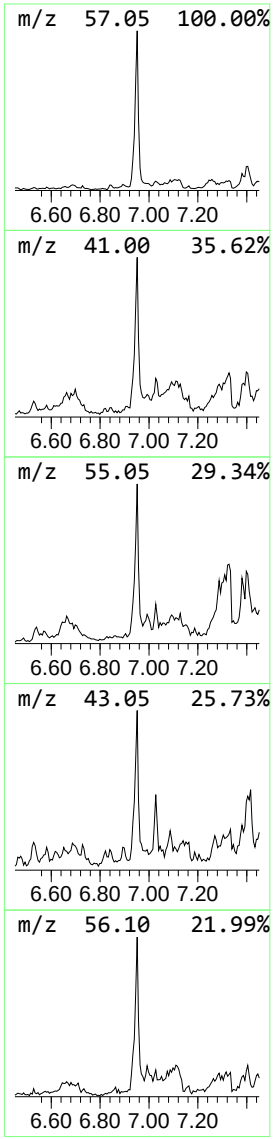
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	63.05 ng	814699	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

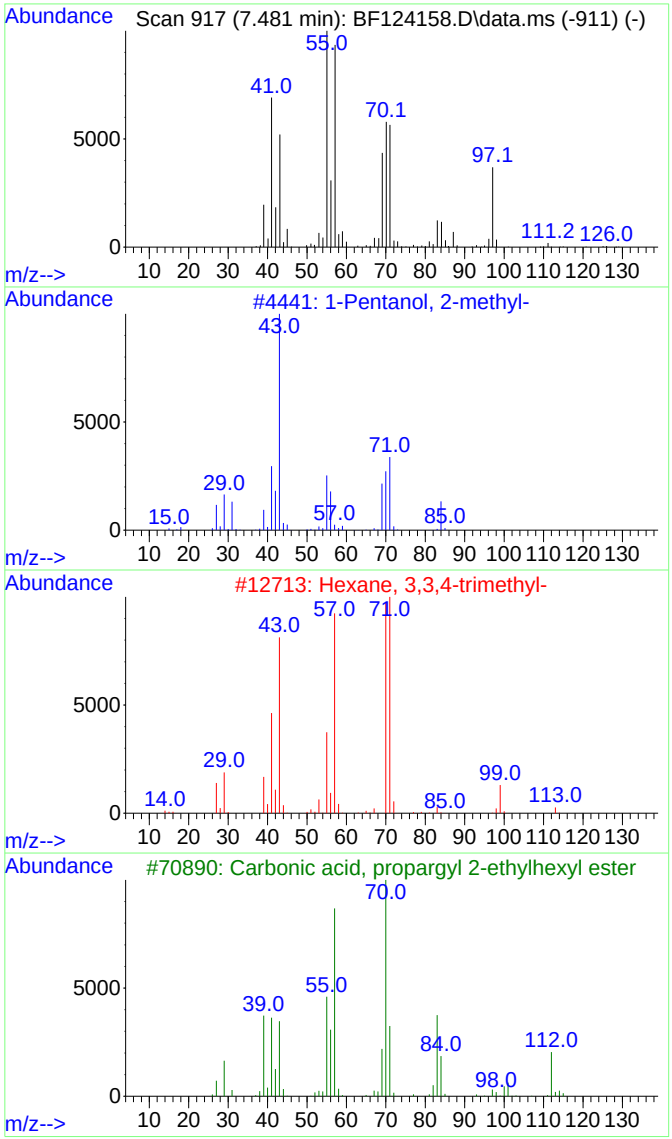
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

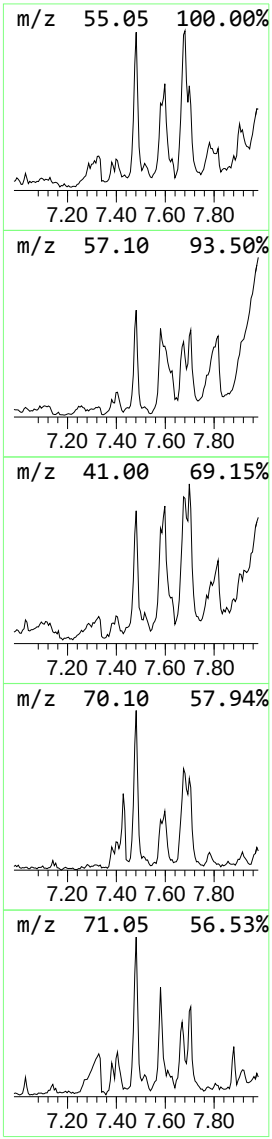
****

Peak Number 6 1-Pentanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	103.23 ng	1333960	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	50
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	47
3	Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	43
4	Formic acid, 2-methylbutyl ester	116	C6H12O2	1000367-91-1	38
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

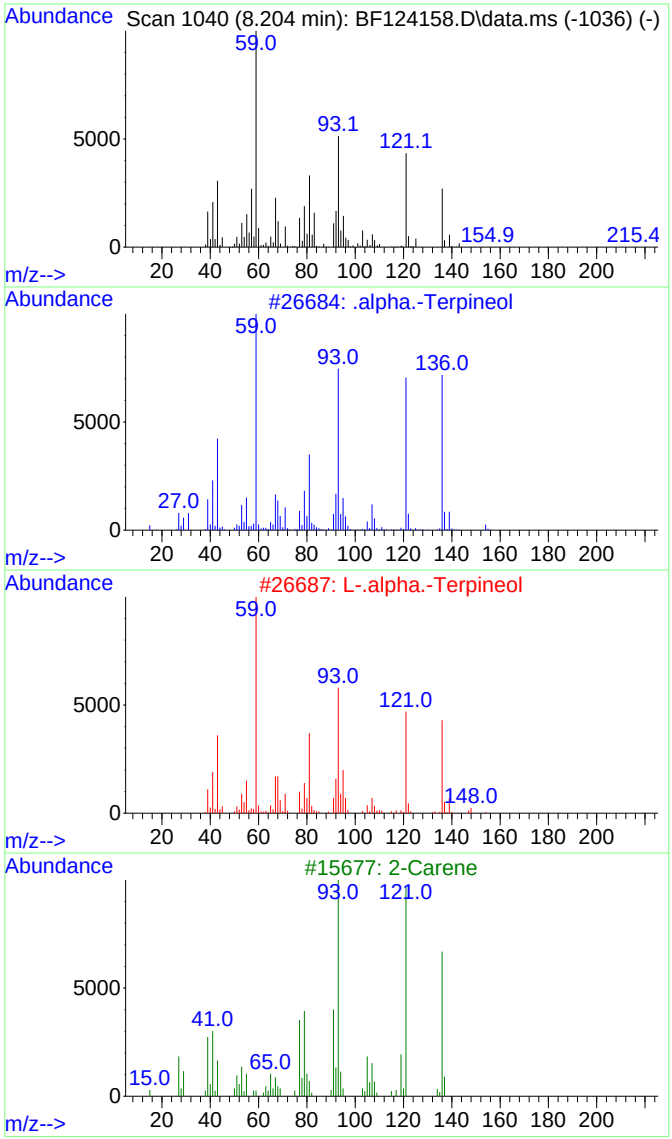
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

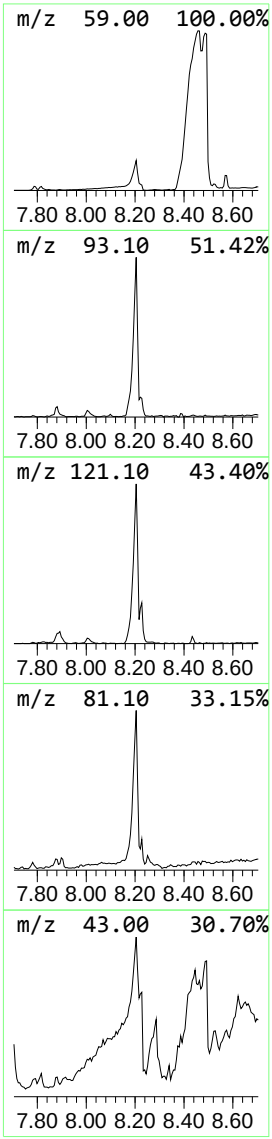
****

Peak Number 7 .alpha.-Terpineol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.204	20.00 ng	4351780	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Terpineol	154	C10H18O	000098-55-5	72
2	L-.alpha.-Terpineol	154	C10H18O	010482-56-1	52
3	2-Carene	136	C10H16	000554-61-0	38
4	(+)-2-Carene	136	C10H16	1000149-94-6	38
5	Methyl m-tolyl carbinol	136	C9H12O	1000342-29-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

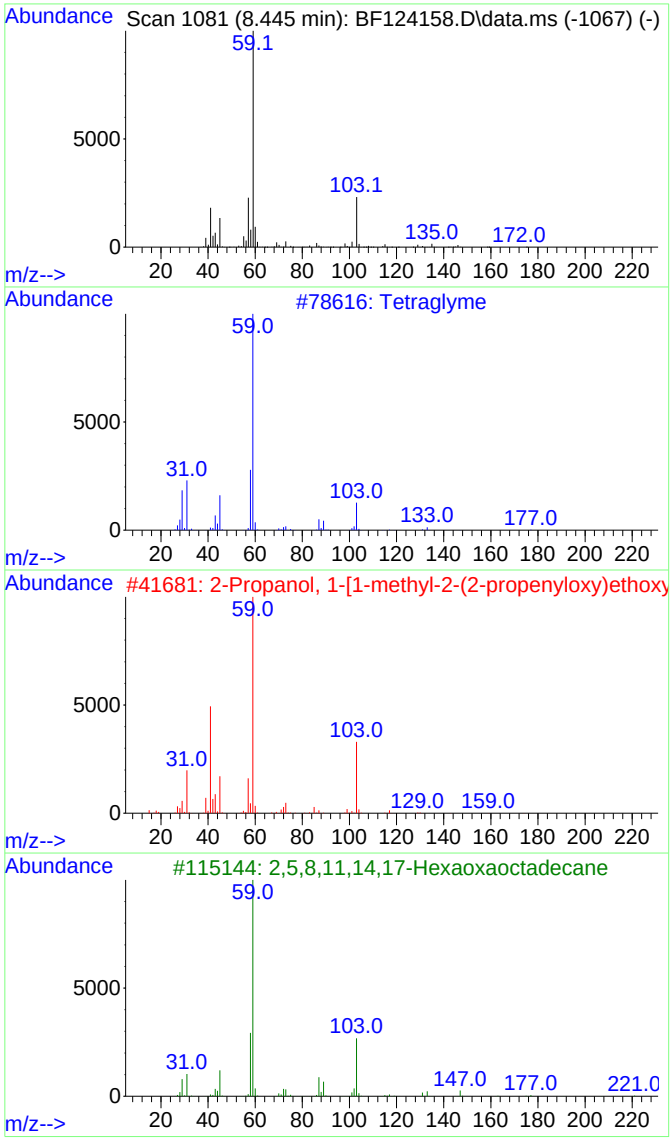
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

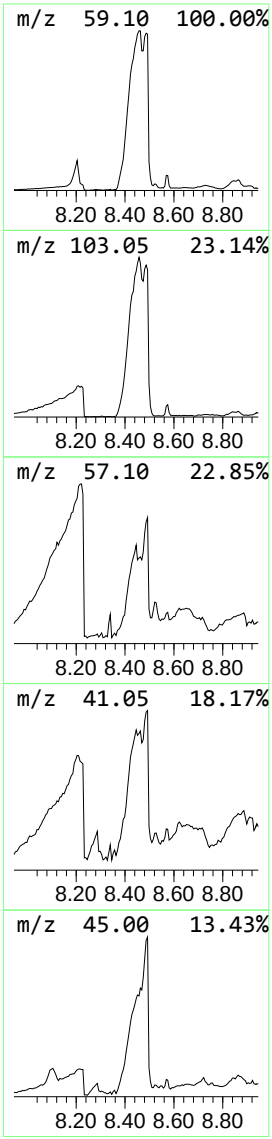
****

Peak Number 8 Tetraglyme Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	101.83 ng	22157000	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraglyme	222	C10H22O5	000143-24-8	72
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
3	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	72
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

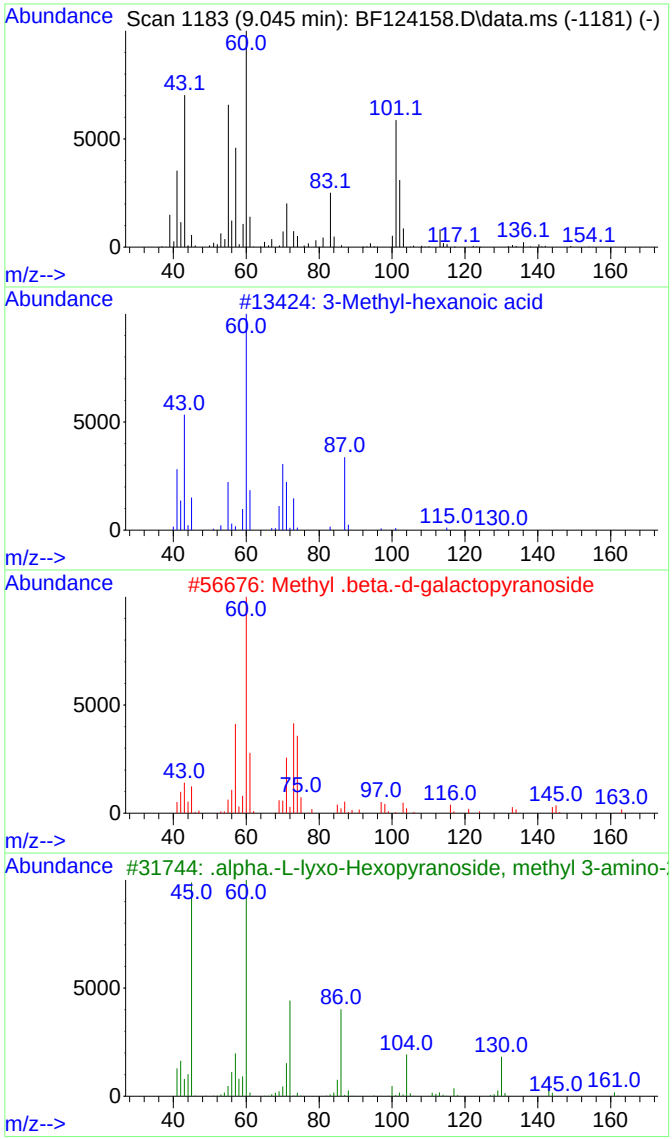
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

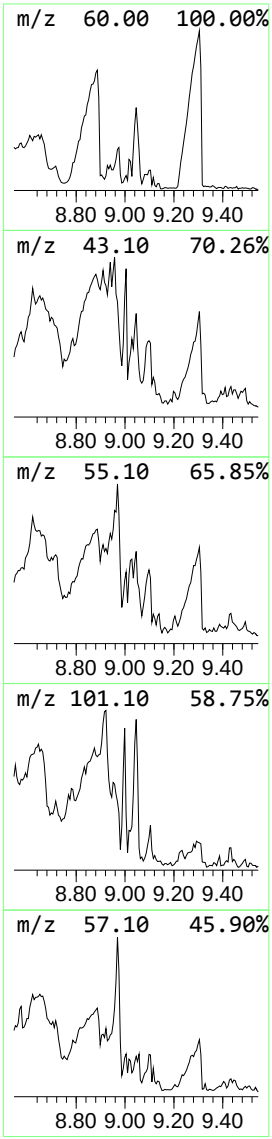
****

Peak Number 9 unknown9.045 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	27.60 ng	1133570	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	25
2	Methyl .beta.-d-galactopyranoside	194	C7H14O6	1000126-04-6	25
3	.alpha.-L-lyxo-Hexopyranoside, m...	161	C7H15NO3	018977-92-9	23
4	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	22
5	Phosphoric triamide, N,N',N''-tr...	269	C3H12N9O4P	014795-54-1	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

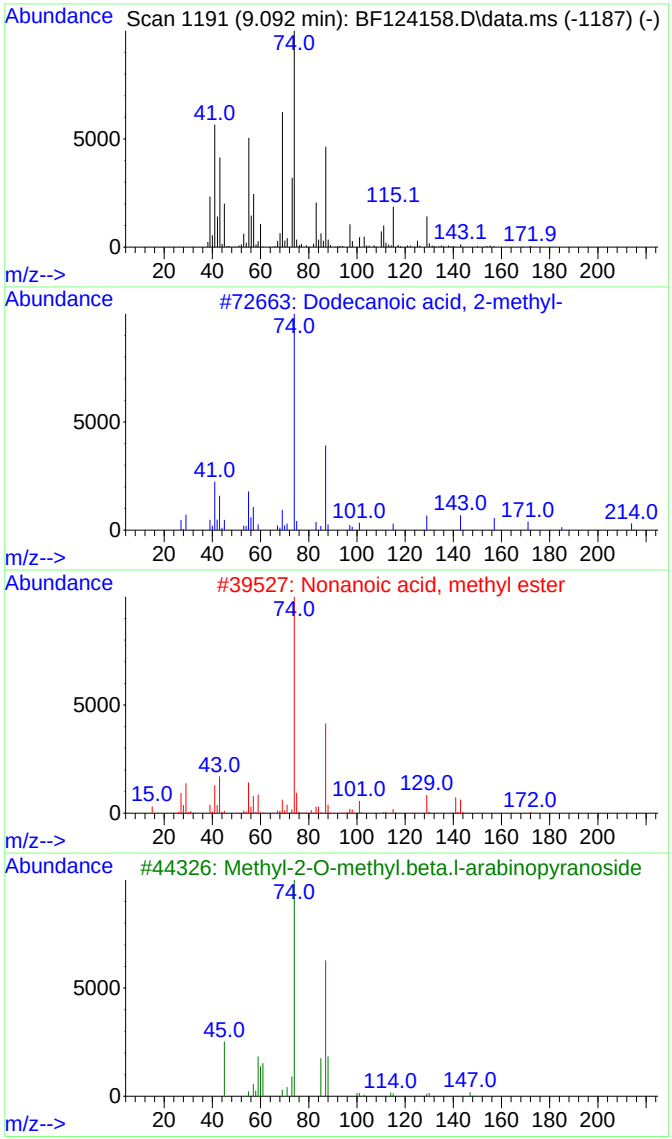
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

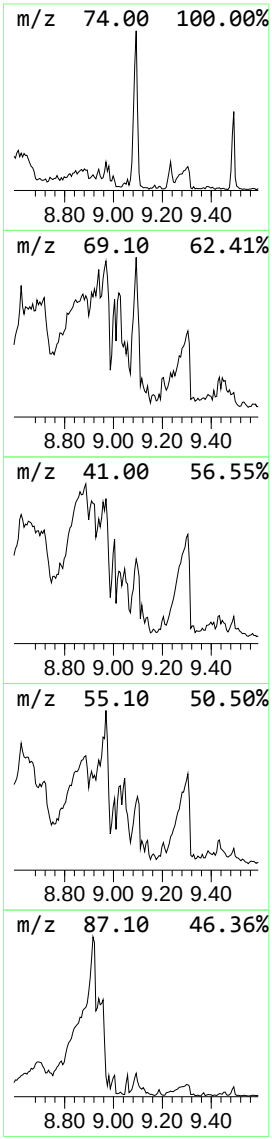
****

Peak Number 10 unknown9.092 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	42.45 ng	1743200	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	47
2	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	46
3	Methyl-2-O-methyl.beta.l-arabino...	178	C7H14O5	007381-11-5	40
4	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	37
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

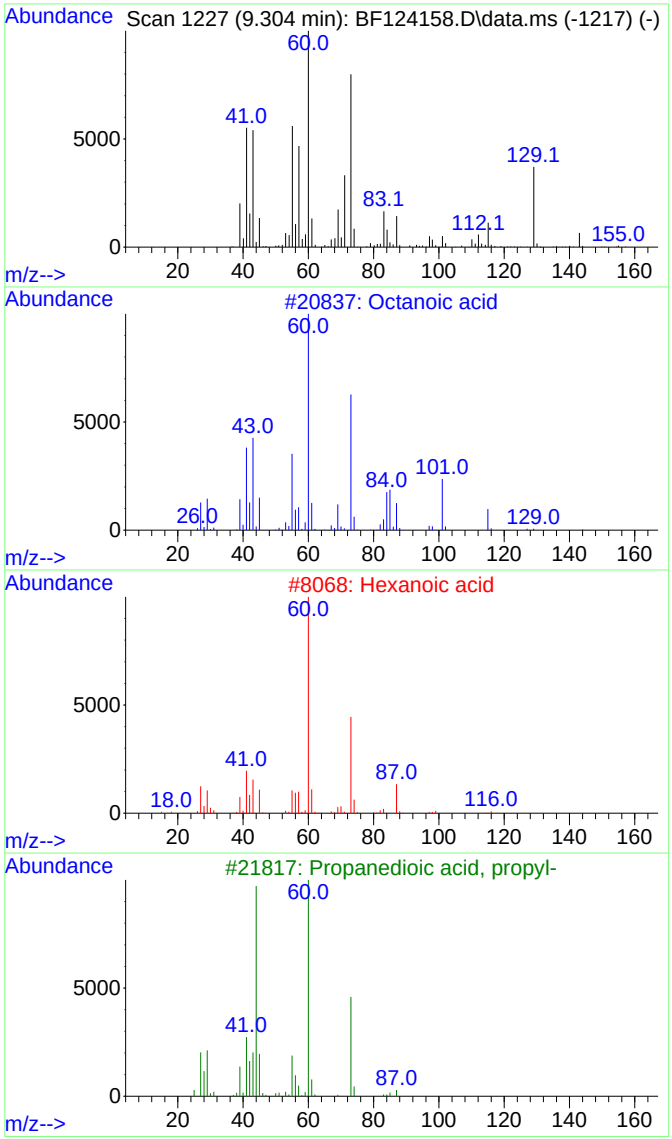
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

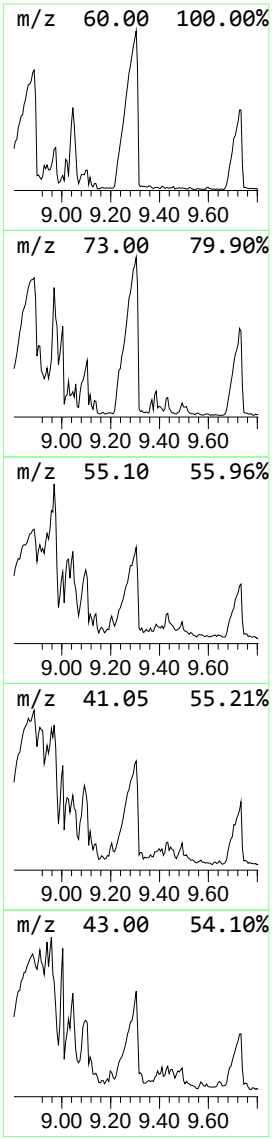
****

Peak Number 11 Octanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	131.71 ng	5408740	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	70
2	Hexanoic acid	116	C6H12O2	000142-62-1	52
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
4	Pentanoic acid	102	C5H10O2	000109-52-4	50
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

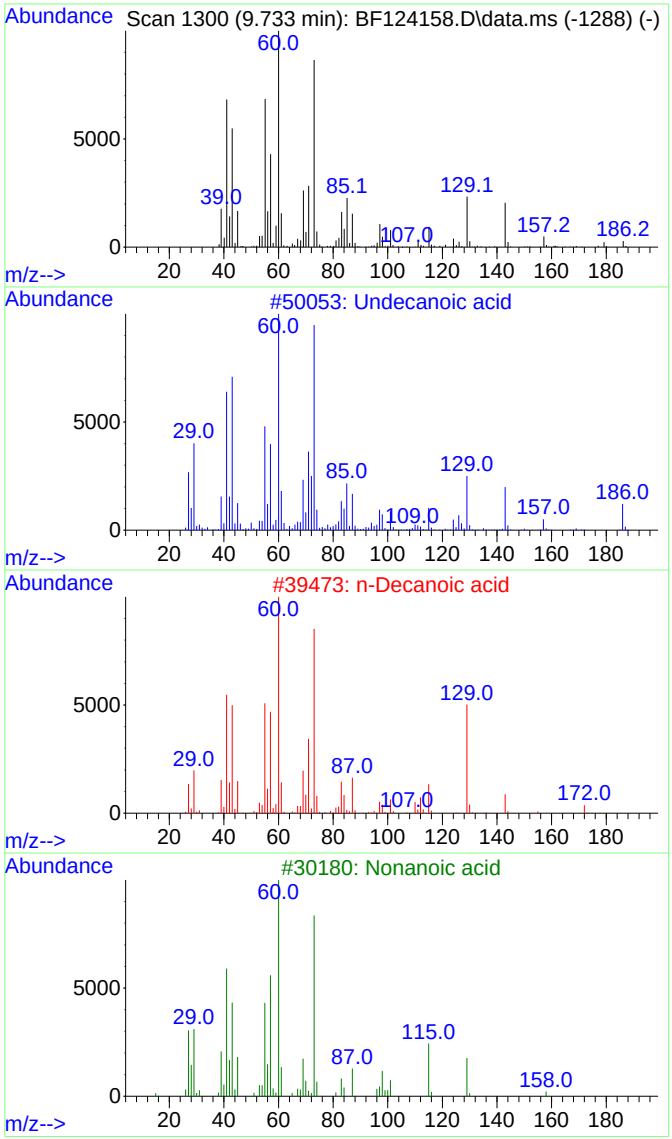
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

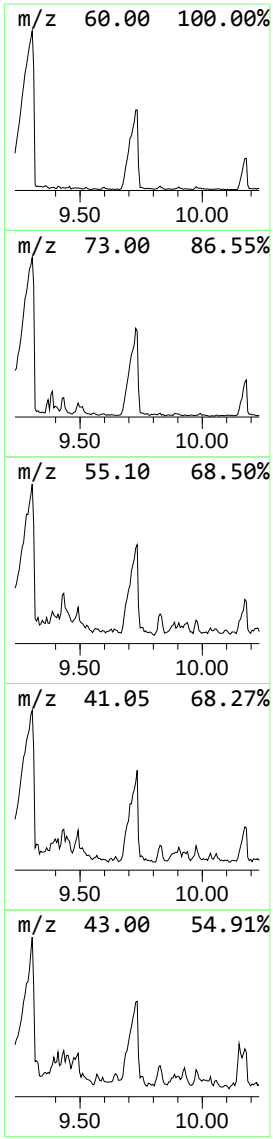
****

Peak Number 12 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.733	70.28 ng	2886190	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Nonanoic acid	158	C9H18O2	000112-05-0	50
4	Octanoic acid	144	C8H16O2	000124-07-2	50
5	Methyl .beta.-d-galactopyranoside	194	C7H14O6	1000126-04-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

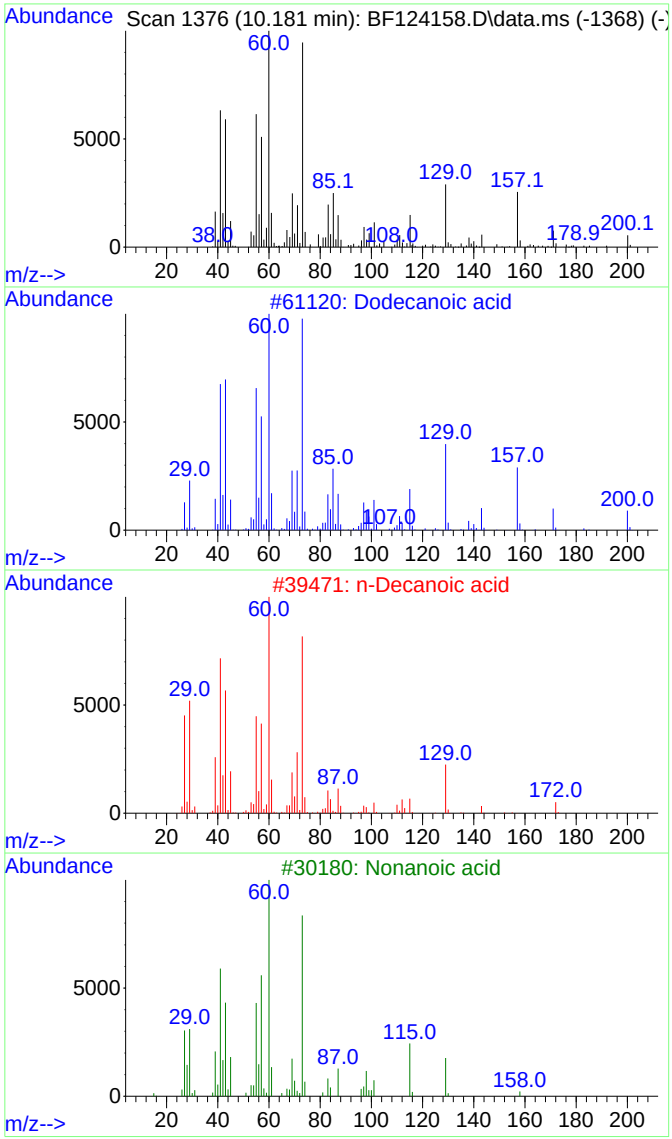
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

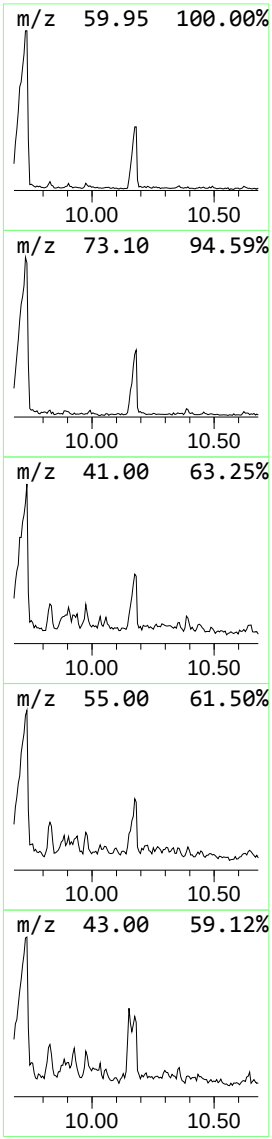
****

Peak Number 13 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	20.02 ng	822207	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	62
3	Nonanoic acid	158	C9H18O2	000112-05-0	60
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
5	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

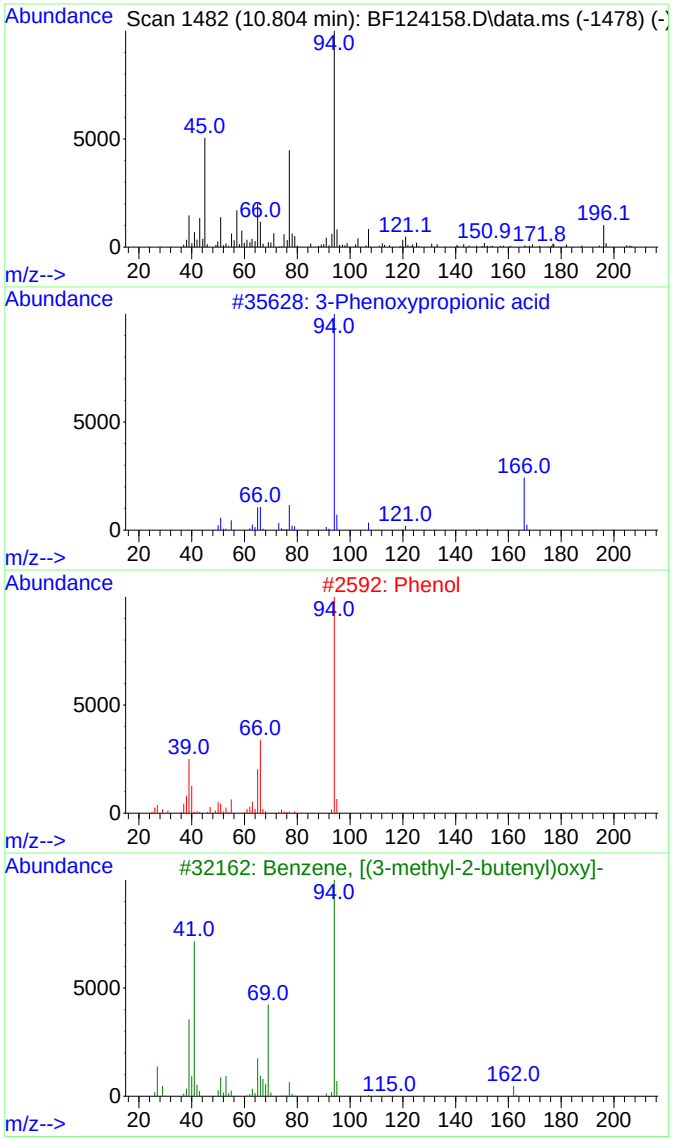
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

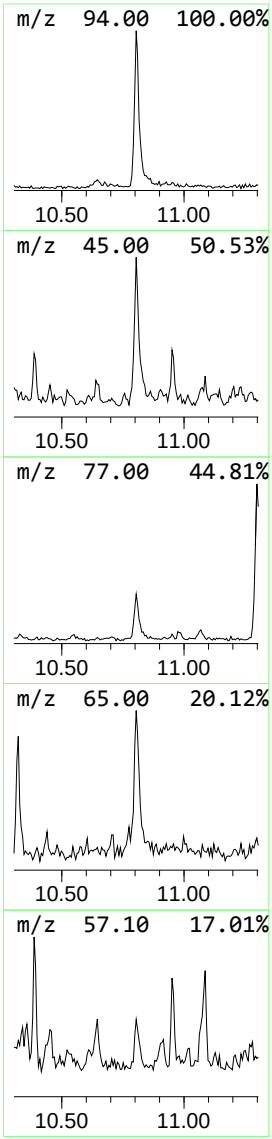
****

Peak Number 14 unknown10.804 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	20.62 ng	519623	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenoxypropionic acid	166	C9H10O3	007170-38-9	47
2	Phenol	94	C6H6O	000108-95-2	38
3	Benzene, [(3-methyl-2-butenyl)oxy]-	162	C11H14O	014309-15-0	38
4	2-Vinylfuran	94	C6H6O	001487-18-9	38
5	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

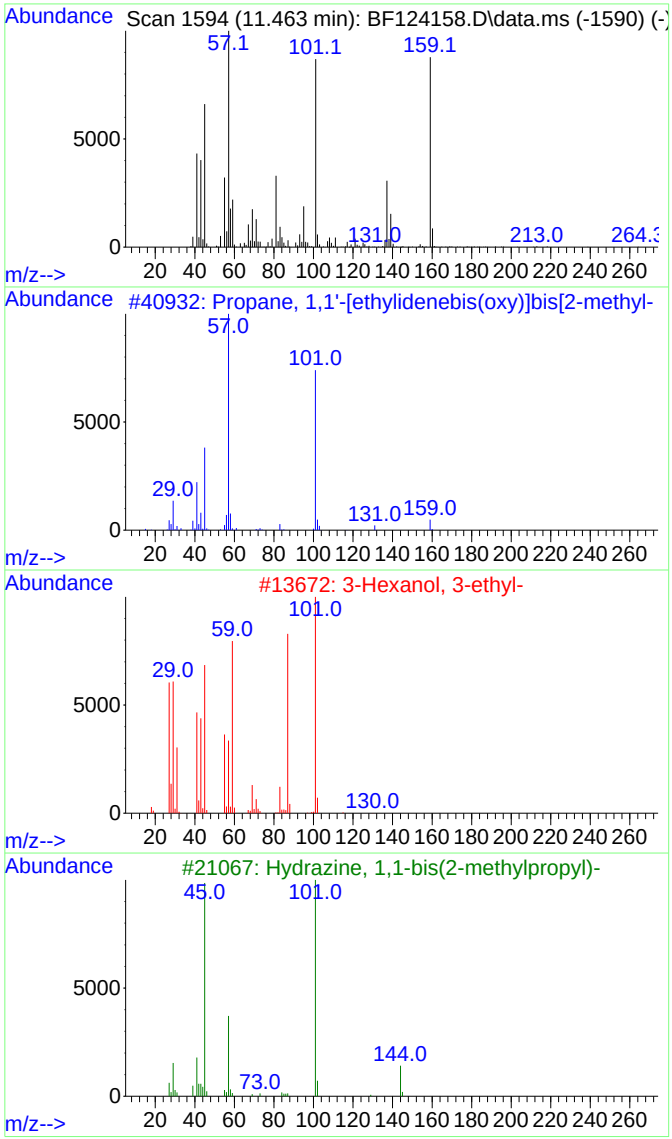
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

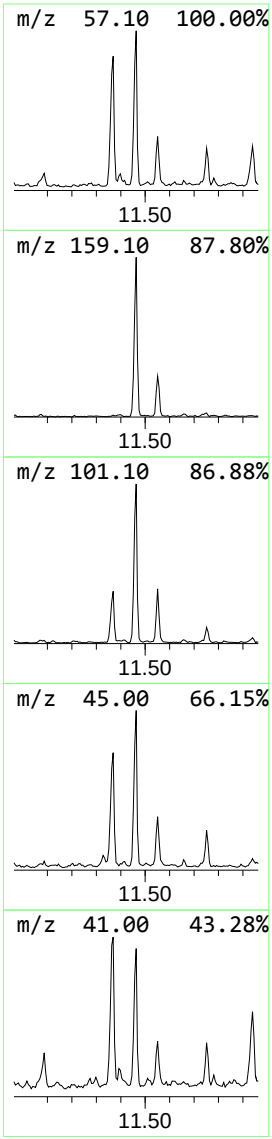
****

Peak Number 15 unknown11.463 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.463	63.59 ng	1602740	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	43
2	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	27
3	Hydrazine, 1,1-bis(2-methylpropyl)-	144	C8H20N2	016596-38-6	27
4	Butanoic acid, 4-[(tetrahydro-2H...	202	C10H18O4	093691-87-3	22
5	Butylphosphonic acid, di(4-metho...	338	C16H35O5P	1000323-49-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

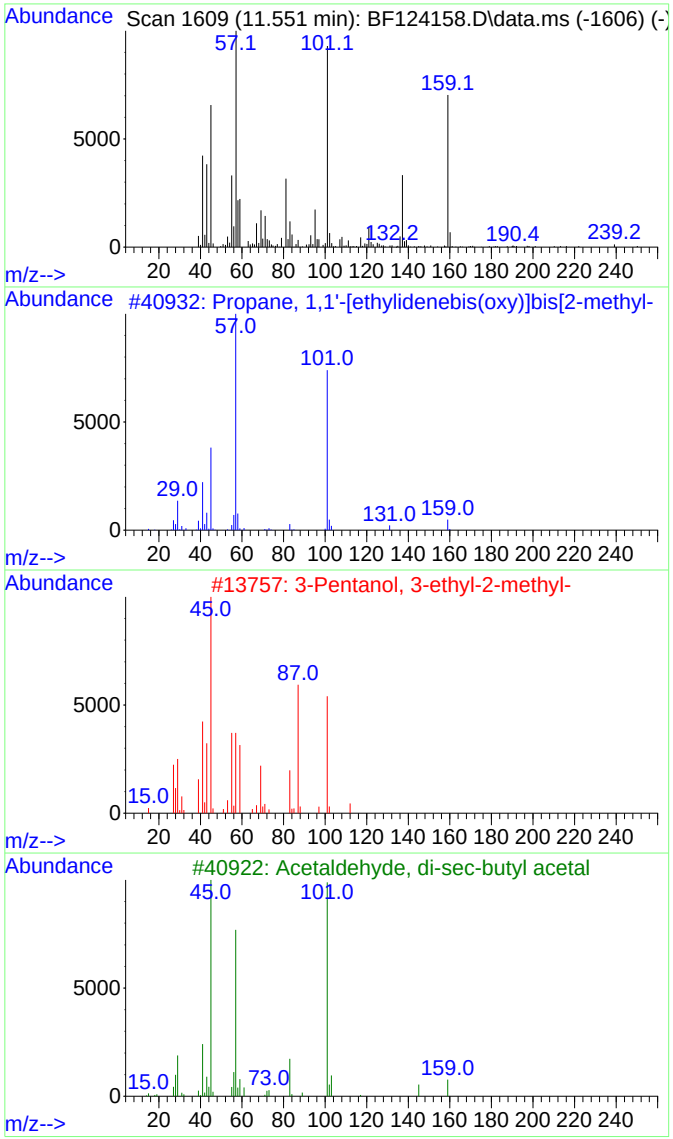
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

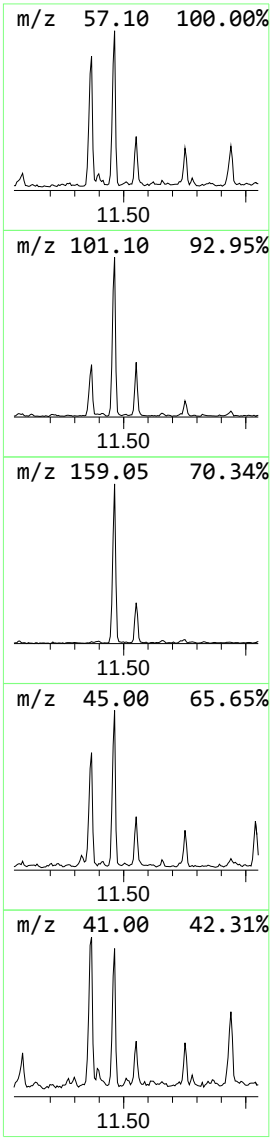
****

Peak Number 16 unknown11.551 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.551	21.64 ng	545404	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	47
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	38
3	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	37
4	Adipic acid, di(4-methoxy-2-meth...	346	C18H34O6	1000324-30-7	35
5	5-Hydroxymethyl-2,2,5-trimethyl-...	174	C9H18O3	1000365-10-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

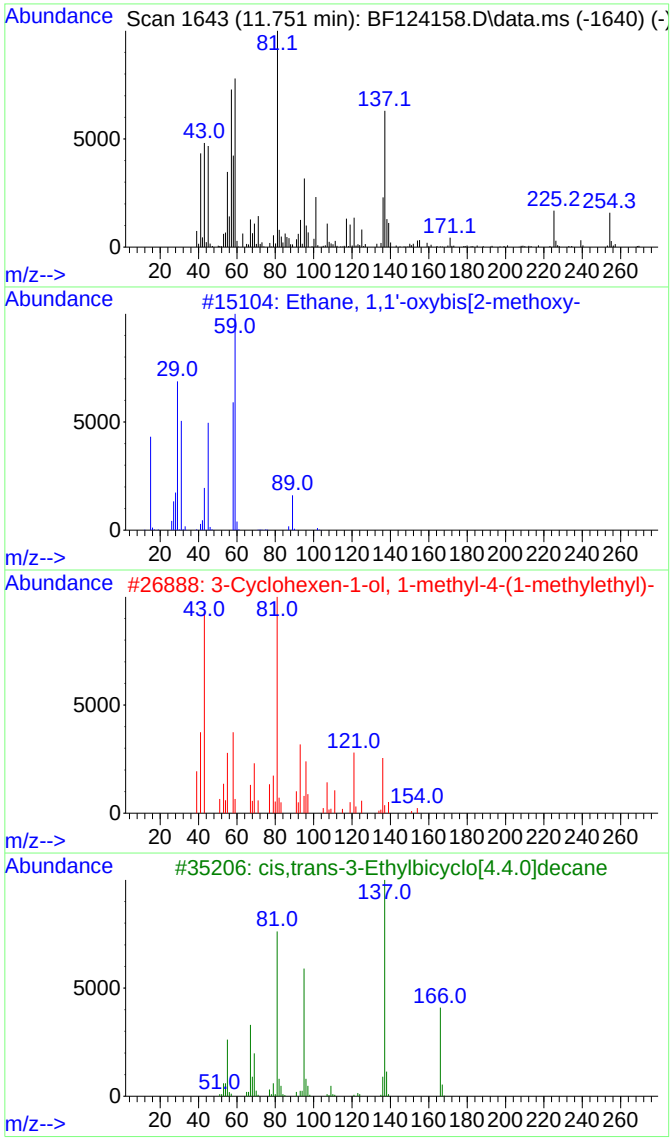
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

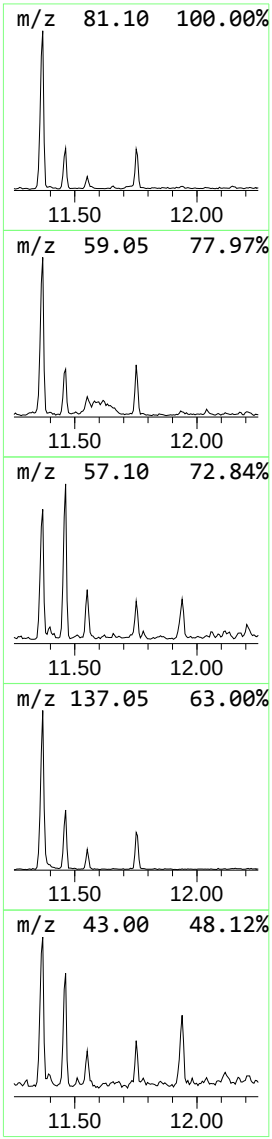
****

Peak Number 17 unknown11.751 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	24.13 ng	608246	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	35
2	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	30
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	27
4	Ethene, (2-ethoxy-1-methoxyethoxy)-	146	C7H14O3	054063-18-2	25
5	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

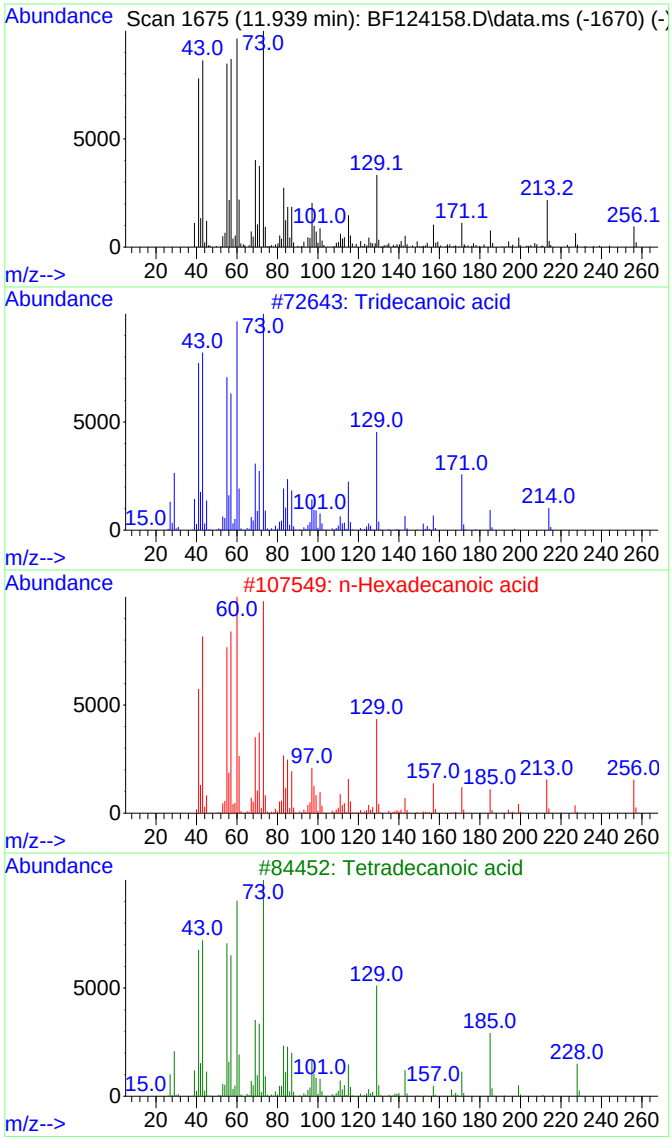
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

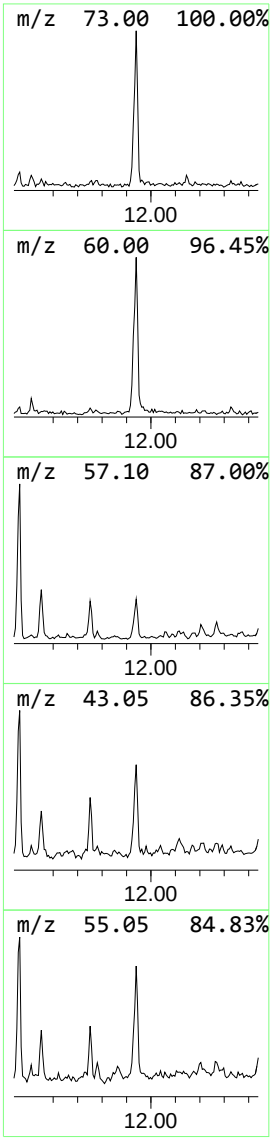
****

Peak Number 18 Tridecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	35.91 ng	905103	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

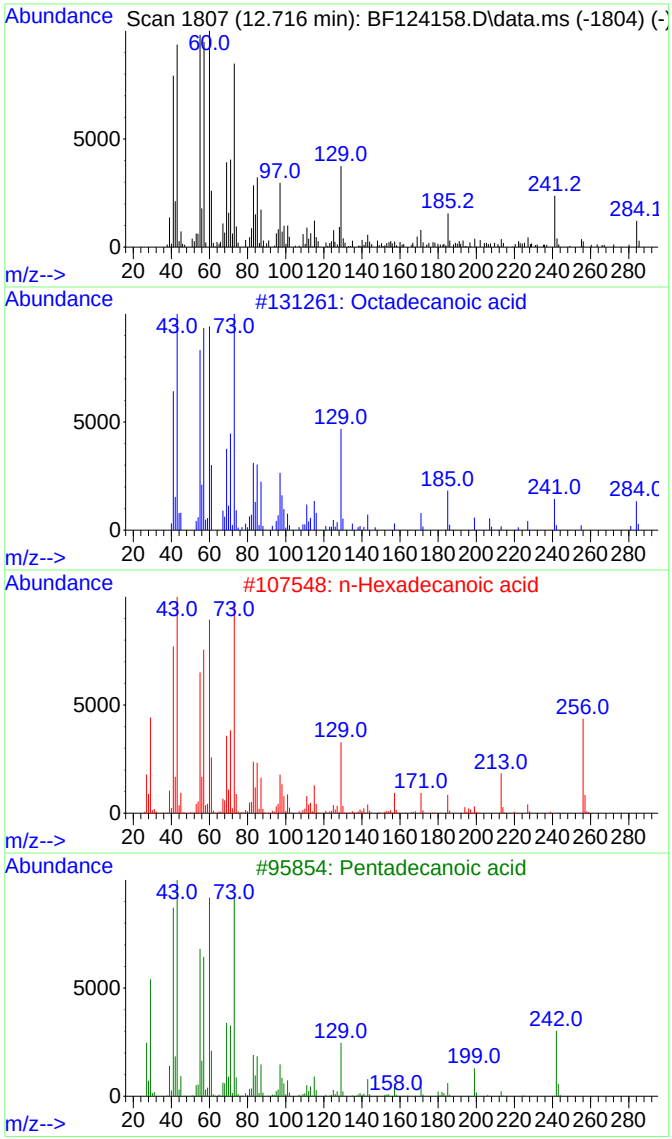
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

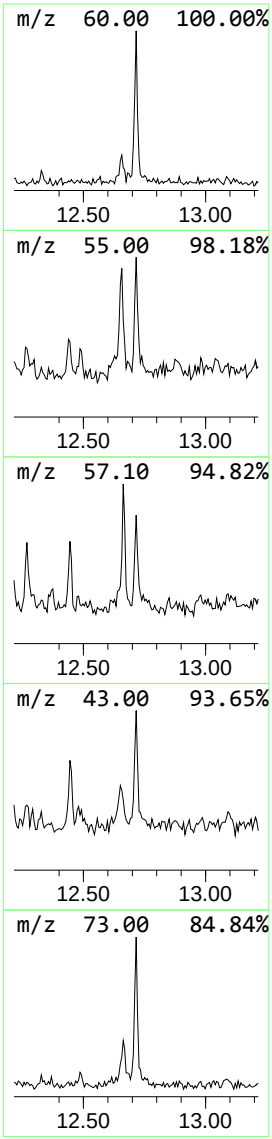
****

Peak Number 19 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	20.39 ng	513807	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

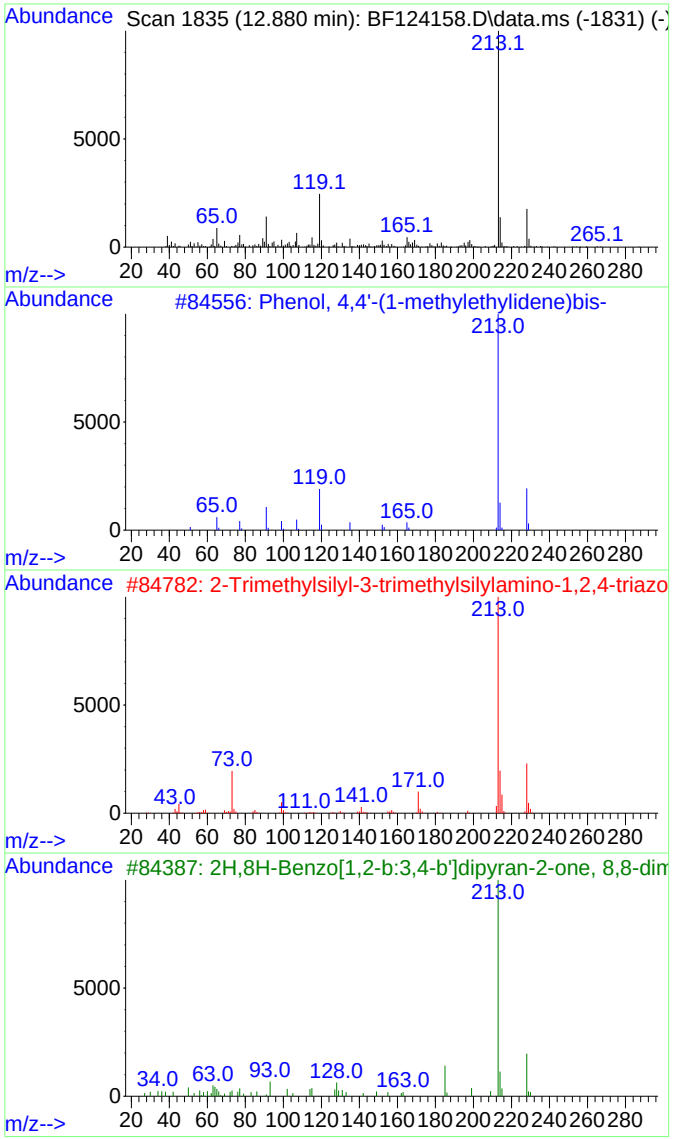
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

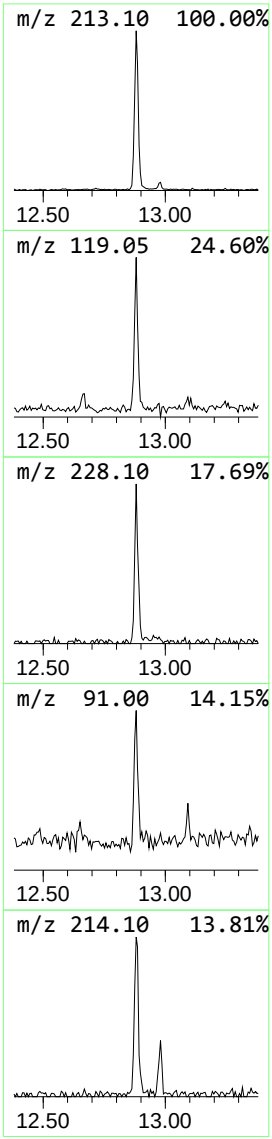
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	39.10 ng	508627	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2-Trimethylsilyl-3-trimethylsily...	228	C8H20N4Si2	1000373-05-5	58
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	50
5	Decanedioic acid, diethyl ester	258	C14H26O4	000110-40-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124158.D
Acq On : 7 Jun 2021 15:44
Operator : JU/CG
Sample : M2583-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35-38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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...	2.134	127.5	ng	1647060	1	6.863	258437	20.0
Butanoic acid, ...	5.798	19.8	ng	255948	1	6.863	258437	20.0
Hexanoic acid	5.993	39.9	ng	515936	1	6.863	258437	20.0
2-Propanol, 1-b...	6.198	100.5	ng	1298790	1	6.863	258437	20.0
1-Hexanol, 2-et...	6.951	63.0	ng	814699	1	6.863	258437	20.0
1-Pentanol, 2-m...	7.481	103.2	ng	1333960	1	6.863	258437	20.0
.alpha.-Terpineol	8.204	20.0	ng	4351780	2	8.145	4351780	20.0
Tetraglyme	8.445	101.8	ng	22157000	2	8.145	4351780	20.0
unknown9.045	9.045	27.6	ng	1133570	3	9.910	821300	20.0
unknown9.092	9.092	42.5	ng	1743200	3	9.910	821300	20.0
Octanoic acid	9.304	131.7	ng	5408740	3	9.910	821300	20.0
Undecanoic acid	9.733	70.3	ng	2886190	3	9.910	821300	20.0
Dodecanoic acid	10.181	20.0	ng	822207	3	9.910	821300	20.0
unknown10.804	10.804	20.6	ng	519623	4	11.398	504079	20.0
unknown11.463	11.463	63.6	ng	1602740	4	11.398	504079	20.0
unknown11.551	11.551	21.6	ng	545404	4	11.398	504079	20.0
unknown11.751	11.751	24.1	ng	608246	4	11.398	504079	20.0
Tridecanoic acid	11.939	35.9	ng	905103	4	11.398	504079	20.0
Octadecanoic acid	12.716	20.4	ng	513807	4	11.398	504079	20.0
Phenol, 4,4'-(1...	12.880	39.1	ng	508627	5	14.033	260161	20.0