LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRV-OILY-WATER

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	265	270	277	rBV	334416	463761	7.88%	0.637%
2	4.016	291	294	300	rVB	126593	157617	2.68%	0.217%
3	5.110	475	480	482	rBV3	90979	130304	2.21%	0.179%
4	5.475	536	542	546	rBV3	187632	386600	6.57%	0.531%
5	5.522	546	550	556	rVB	2565227	2395755	40.71%	3.291%
6	5.634	566	569	575	rVB	462291	370024	6.29%	0.508%
7	5.728	582	585	589	rVB2	193566	184064	3.13%	0.253%
8	5.834	600	603	605	rBV	395558	370835	6.30%	0.509%
9	5.851	605	606	612	rVB	319910	185612	3.15%	0.255%
10	6.051	637	640	644	rBV	214453	176493	3.00%	0.242%
11	6.122	648	652	657	rBV	411690	460092	7.82%	0.632%
12	6.187	659	663	666	rVV	432104	367163	6.24%	0.504%
13	6.428	701	704	711	rVB3	719012	698953	11.88%	0.960%
14	6.504	715	717	719	rBV	163539	156398	2.66%	0.215%
15	6.534	719	722	726	rVV	1702129	1696127	28.82%	2.330%
16	6.587	727	731	735	rVB3	258051	385990	6.56%	0.530%
17	6.675	743	746	749	rBV2	125171	133047	2.26%	0.183%
18	6.704	749	751	757	rVB3	242879	262725	4.46%	0.361%
19	6.881	778	781	784	rVV	1216983	1076184	18.29%	1.478%
20	6.922	784	788	790	rVV2	255292	308004	5.23%	0.423%
21	6.945	790	792	798	rVV2	451821	459951	7.82%	0.632%
22	7.034	801	807	810	rVV2	1025993	1085291	18.44%	1.491%
23	7.075	810	814	816	rVV2	225893	229943	3.91%	0.316%
24	7.122	820	822	825	rVV	199375	176528	3.00%	0.243%
25	7.151	825	827	832	rVV4	236837	309951	5.27%	0.426%
26	7.204	832	836	840	rVV3	456841	602333	10.23%	0.827%
27	7.292	848	851	857	rVB3	323294	406208	6.90%	0.558%
28	7.339	857	859	862	rBV2	183013	135827	2.31%	0.187%
29	7.451	867	878	881	rBV	3513361	3987668	67.76%	5.478%
30	7.504	884	887	893	rVV5	104840	165679	2.82%	0.228%
31	7.557	893	896	901	rVV4	187211	268052	4.55%	0.368%
32	7.622	903	907	909	rVV4	106107	175514	2.98%	0.241%
33	7.651	909	912	914	rVV	226727	290149	4.93%	0.399%
34	7.675	914	916	917	rVV	376088	319998	5.44%	0.440%
35	7.698	917	920	922	rVV	1182085	1121547	19.06%	1.541%
36	7.775	922	933	937	rVV2	1310569	3203323	54.43%	4.401%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.834	940	943	948	rVV3	341878	539769	9.17%	0.742%
38	7.904	951	955	957	rVV3	439524	552252	9.38%	0.759%
39	7.928	957	959	961	rVV	372152	342899	5.83%	0.471%
40	7.957	961	964	969	rVV6	368849	635492	10.80%	0.873%
41	8.004	969	972	974	rVV3	313244	442585	7.52%	0.608%
42	8.039	974	978	981	rVV4	918133	1393403	23.68%	1.914%
43	8.069	981	983	987	rVV	692245	618540	10.51%	0.850%
44	8.133	991	994	996	rVV	555435	501688	8.52%	0.689%
45	8.169	996	1000	1002	rVV	1791475	1893600	32.18%	2.601%
46	8.186	1002	1003	1006	rVV	1137172	919429	15.62%	1.263%
47	8.239	1009	1012	1017	rVB3	207844	291720	4.96%	0.401%
48	8.351	1022	1031	1034	rBV2	398159	903153	15.35%	1.241%
49	8.392	1034	1038	1042	rVV4	607739	1009314	17.15%	1.387%
50	8.445	1042	1047	1049	rVV3	923857	1117774	18.99%	1.536%
51	8.475	1049	1052	1057	rVV2	582666	736302	12.51%	1.012%
52	8.528	1057	1061	1063	rVV3	299532	412839	7.01%	0.567%
53	8.586	1066	1071	1076	rVV6	683137	1611094	27.37%	2.213%
54	8.633	1076	1079	1082	rVV3	891926	1015713	17.26%	1.395%
55	8.663	1082	1084	1086	rVV2	279552	281662	4.79%	0.387%
56	8.686	1086	1088	1092	rVV2	302301	263322	4.47%	0.362%
57	8.763	1096	1101	1105	rVB	1374646	1291012	21.94%	1.774%
58	8.880	1116	1121	1124	rBV	1516222	1315430	22.35%	1.807%
59	8.945	1127	1132	1135	rBV2	367849	349674	5.94%	0.480%
60	8.980	1135	1138	1140	rBV	1065383	801945	13.63%	1.102%
61	9.045	1147	1149	1150	rBV	323274	218764	3.72%	0.301%
62	9.122	1156	1162	1165	rBV3	273042	357056	6.07%	0.491%
63	9.169	1165	1170	1174	rVV3	833506	985606	16.75%	1.354%
64	9.210	1174	1177	1178	rVV2	129718	142441	2.42%	0.196%
65	9.245	1178	1183	1186	rVB	6308347	5885275	100.00%	8.085%
66	9.339	1196	1199	1201	rBV2	332888	270852	4.60%	0.372%
67	9.363	1201	1203	1208	rVB3	140779	133094	2.26%	0.183%
68	9.410	1208	1211	1213	rBV	531458	451865	7.68%	0.621%
69	9.439	1213	1216	1220	rVB	383933	412224	7.00%	0.566%
70	9.492	1221	1225	1227	rBV	698254	702406	11.93%	0.965%
71	9.516	1227	1229	1231	rVV	771436	577512	9.81%	0.793%
72	9.580	1234	1240	1243	rVV4	297541	471247	8.01%	0.647%
73	9.610	1243	1245	1248	rVV2	251037	206271	3.50%	0.283%
74	9.639	1248	1250	1252	rVV	168653	138629	2.36%	0.190%
75	9.686	1254	1258	1265	rVV	2913292	2779684	47.23%	3.819%
76	9.745	1265	1268	1271	rVB3	217954	243647	4.14%	0.335%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRV-OILY-WATER

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.786	1272	1275	1278	rBV4	127055	135104	2.30%	0.186%
78	9.827	1278	1282	1288	rBV3	221078	302140	5.13%	0.415%
79	9.880	1288	1291	1295	rBV3	238453	258278	4.39%	0.355%
80	9.927	1295	1299	1302	rVV	1894143	1559762	26.50%	2.143%
81	10.086	1323	1326	1330	rBV2	258606	269760	4.58%	0.371%
82	10.139	1331	1335	1340	rVB2	317703	338279	5.75%	0.465%
83	10.322	1363	1366	1368	rVV	498393	384322	6.53%	0.528%
84	10.498	1393	1396	1400	rVB2	383569	320093	5.44%	0.440%
85	10.722	1430	1434	1437	rBV	3339407	2949224	50.11%	4.052%
86	10.839	1451	1454	1459	rVB2	265750	249234	4.23%	0.342%
87	11.033	1484	1487	1492	rBV	619086	552577	9.39%	0.759%
88	11.074	1492	1494	1498	rVV2	127186	122399	2.08%	0.168%
89	11.116	1498	1501	1503	rVB	616281	456359	7.75%	0.627%
90	11.416	1549	1552	1556	rVV	1374265	1168549	19.86%	1.605%
91	11.574	1577	1579	1584	rBV3	123762	186618	3.17%	0.256%
92	11.733	1602	1606	1609	rBV	88224	124916	2.12%	0.172%
93	11.798	1614	1617	1620	rVV	448457	356187	6.05%	0.489%
94	11.939	1638	1641	1645	rVB2	143358	146733	2.49%	0.202%
95	12.504	1732	1737	1740	rBV2	494005	521877	8.87%	0.717%
96	13.004	1818	1822	1825	rBV	4005320	3679372	62.52%	5.055%
97	13.339	1877	1879	1884	rBV2	97573	131650	2.24%	0.181%
98	14.063	1999	2002	2007	rBV	891989	796227	13.53%	1.094%
99	14.374	2052	2055	2058	rBV3	259727	299589	5.09%	0.412%
100	15.557	2252	2256	2262	rVB2	722143	962317	16.35%	1.322%

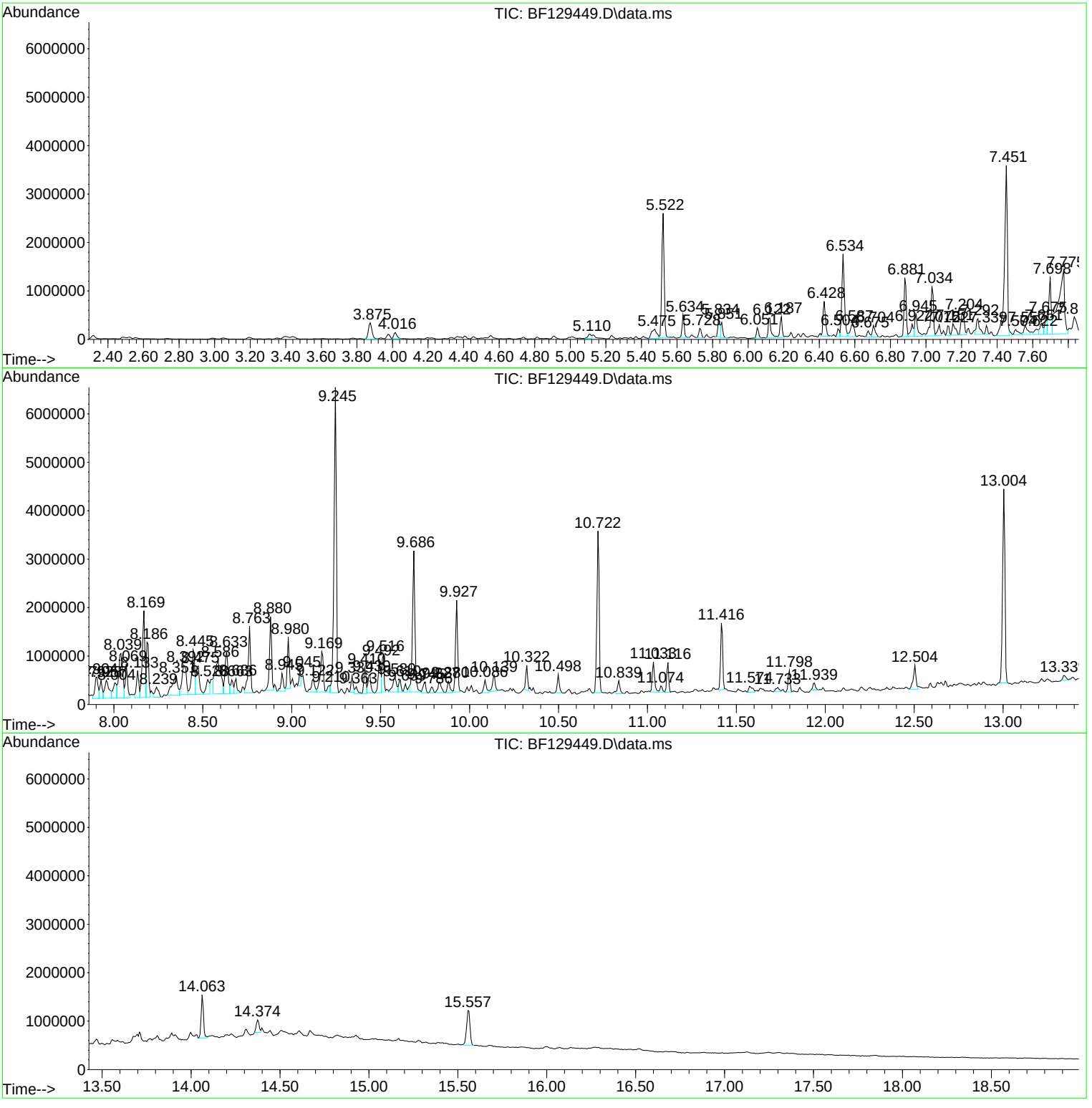
Sum of corrected areas: 72792460

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

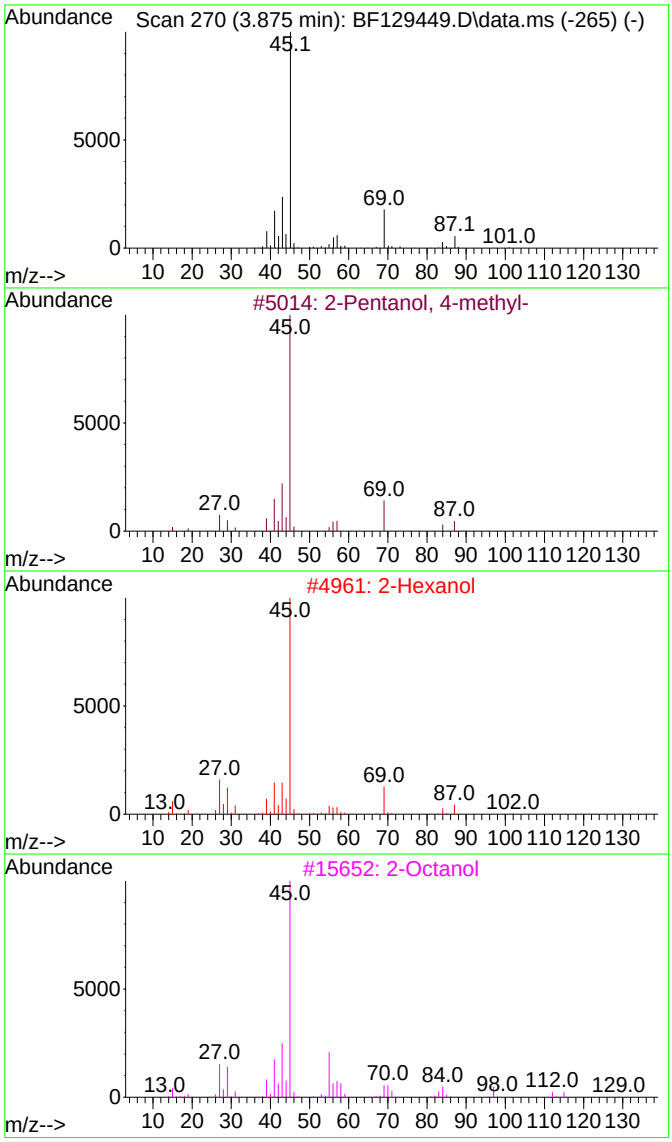
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

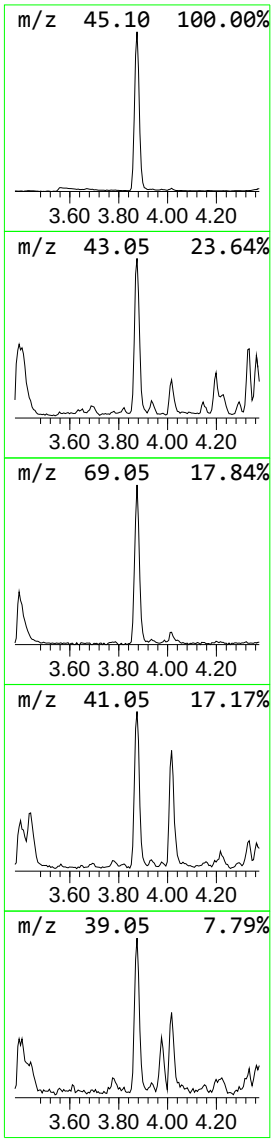
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.875	8.62 ng	463761	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Octanol	130	C8H18O	000123-96-6	78
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	72
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

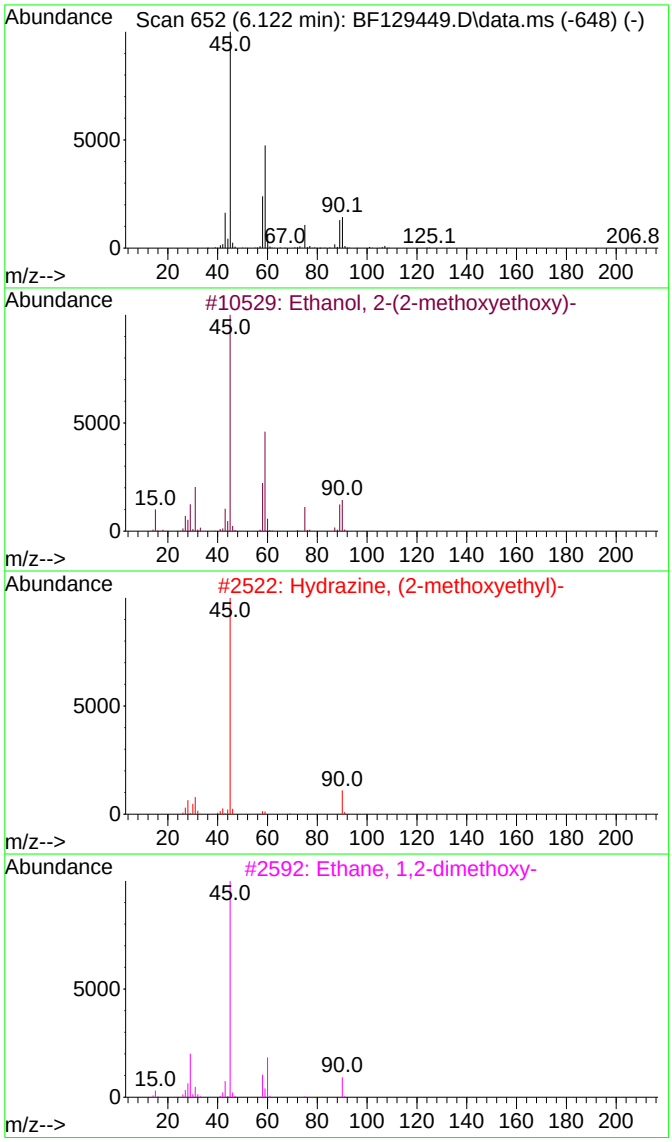
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

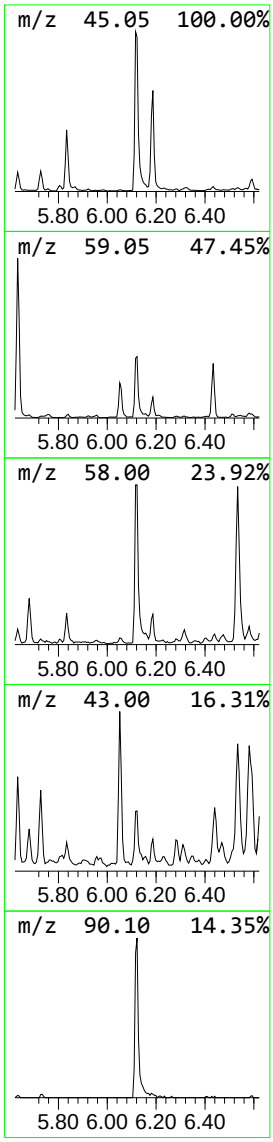
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.122	8.55 ng	460092	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	90
2	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	38
3	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	38
4	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	36
5	2,3-Dimethoxypropan-1-ol	120	C5H12O3	040453-77-8	34





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

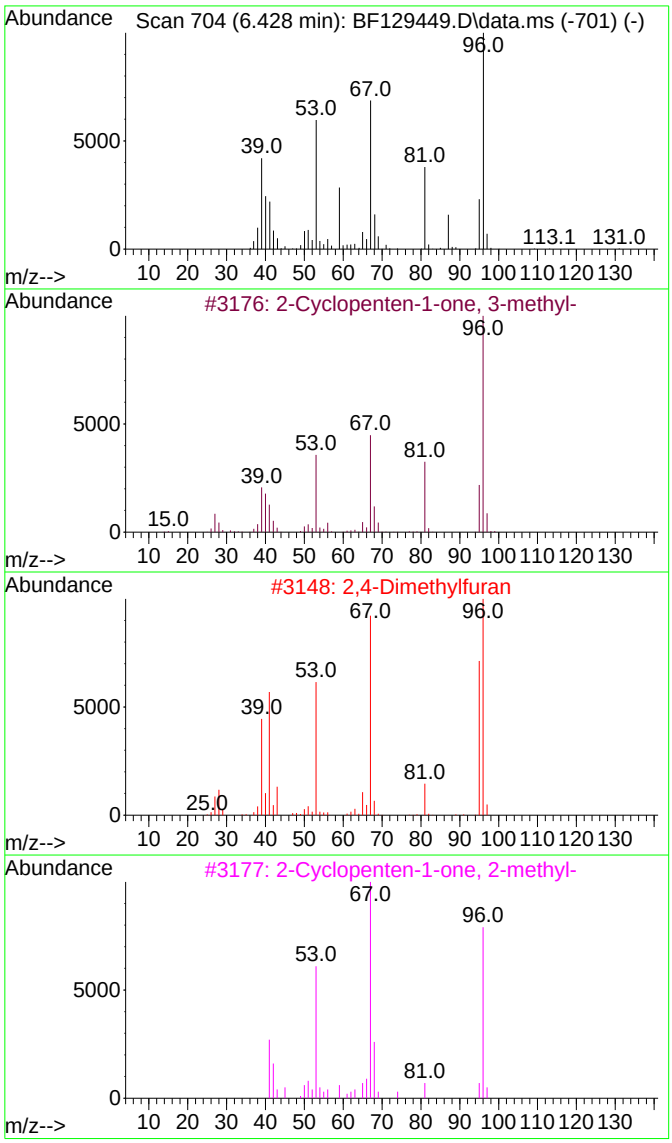
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

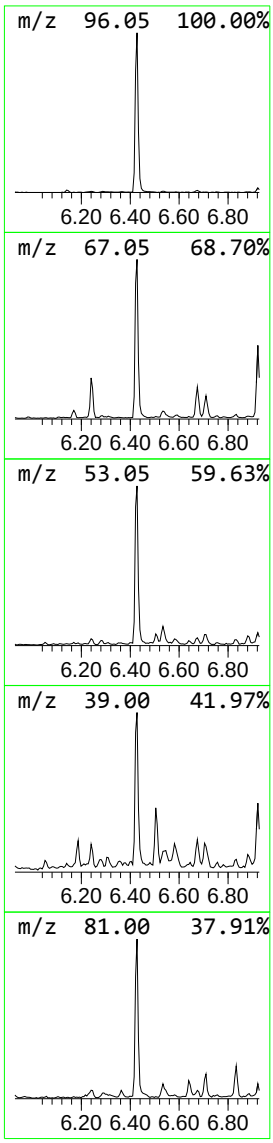
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	12.99 ng	698953	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	95
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	80
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	80
4	Isoprene	68	C5H8	000078-79-5	47
5	1-Pentyne	68	C5H8	000627-19-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

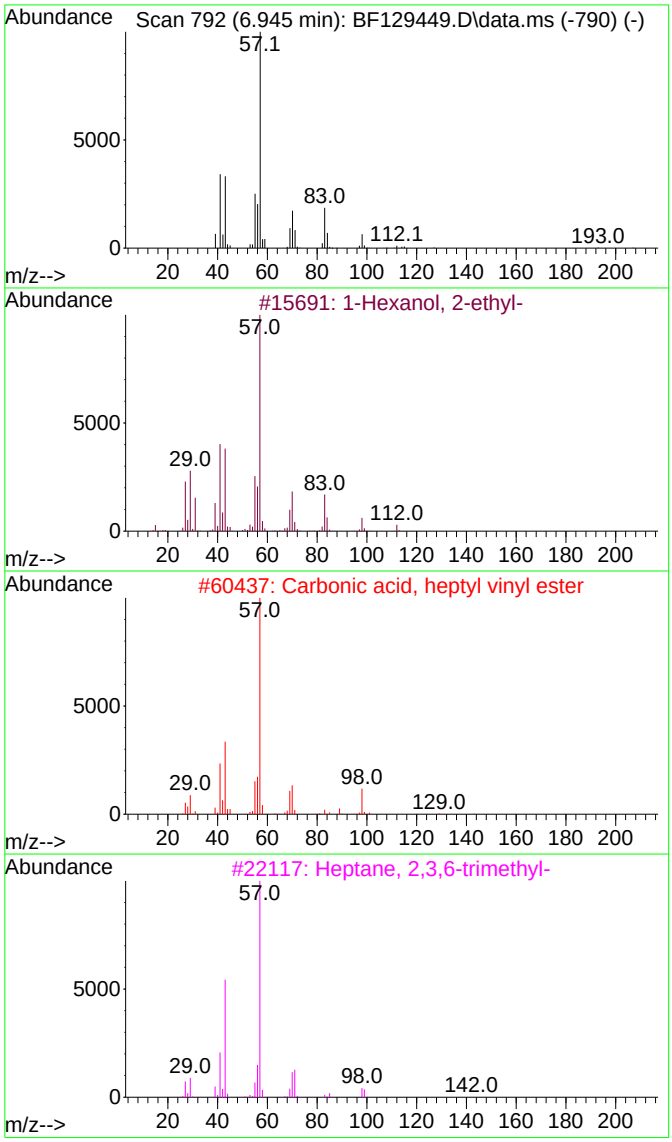
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

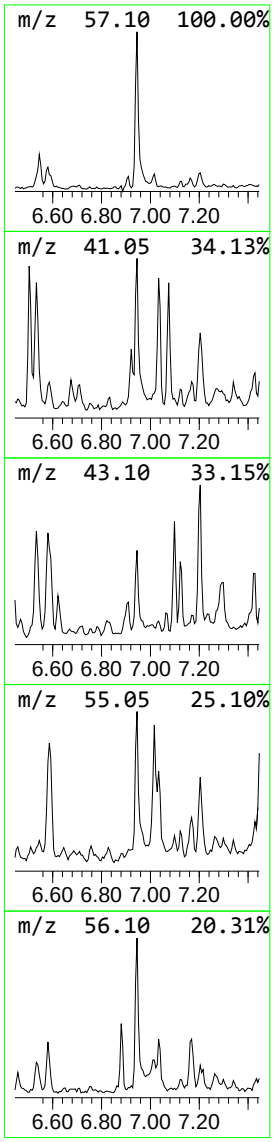
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.945	8.55 ng	459951	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	59
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	59
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

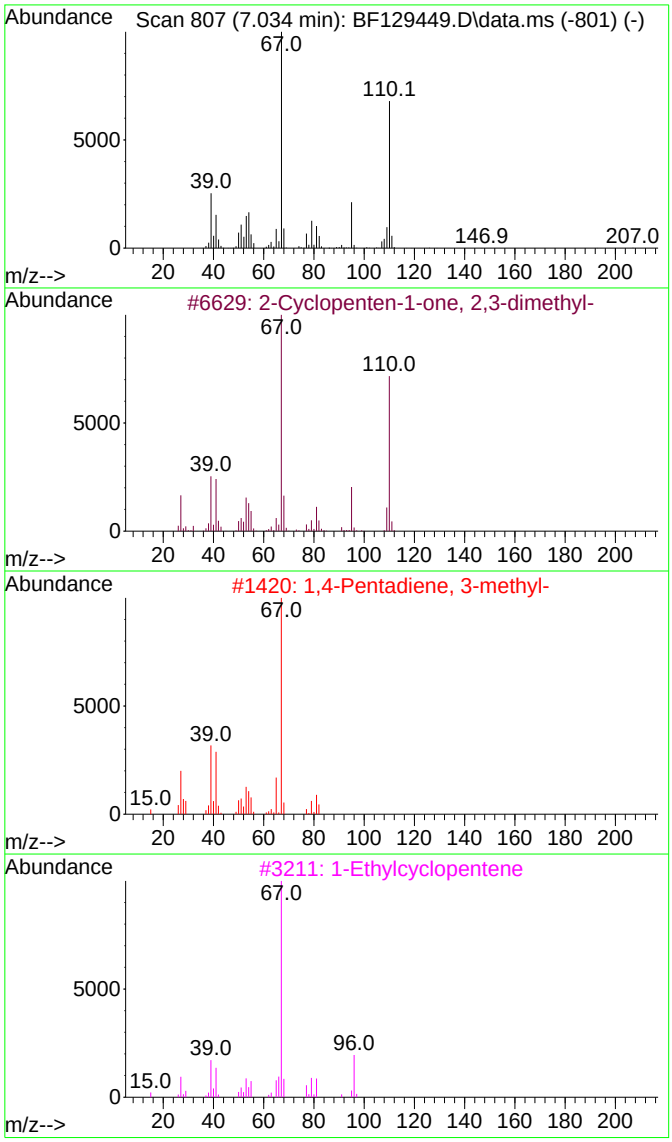
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

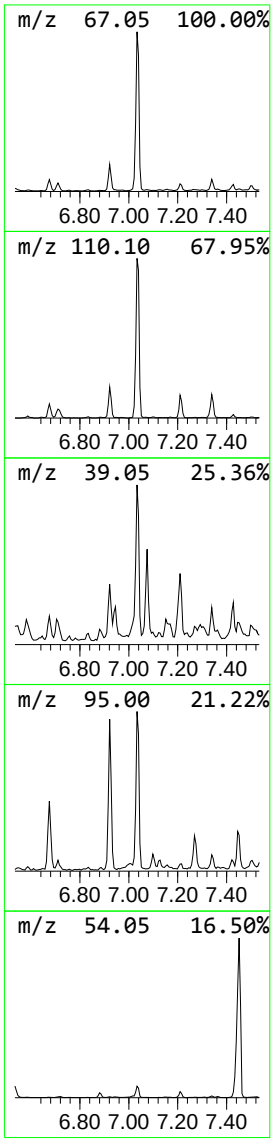
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	20.17 ng	1085290	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	90
2	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	49
3	1-Ethylcyclopentene	96	C7H12	002146-38-5	43
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	43
5	3-Methyl-4-propenyl-oxetan-2-one	126	C7H10O2	1000194-65-2	43





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Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

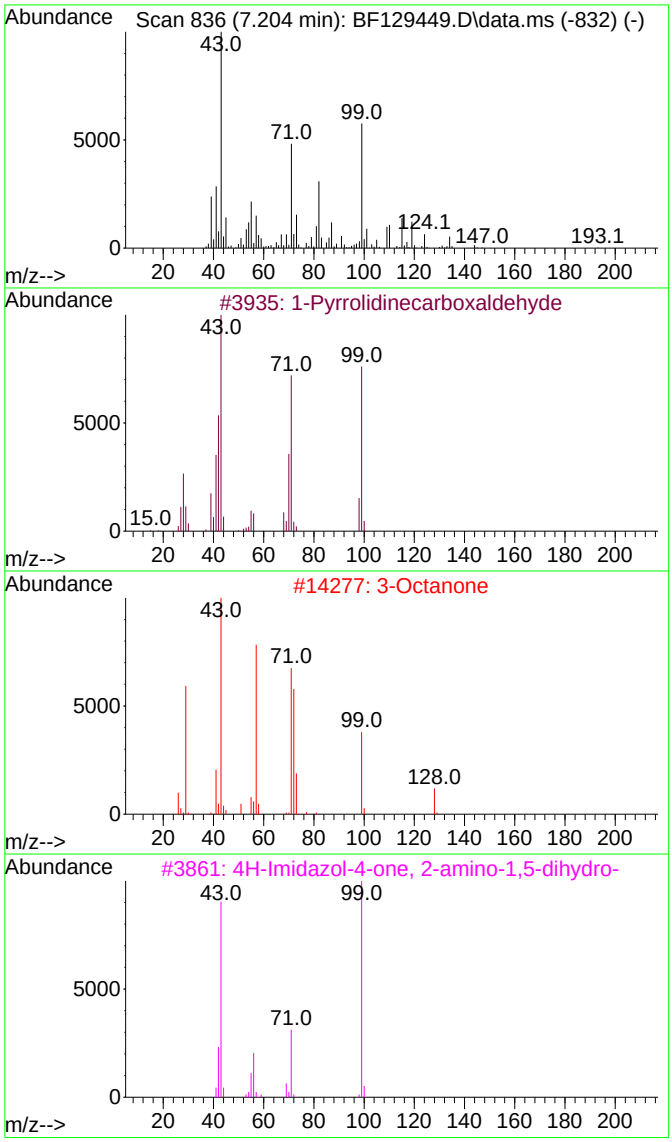
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

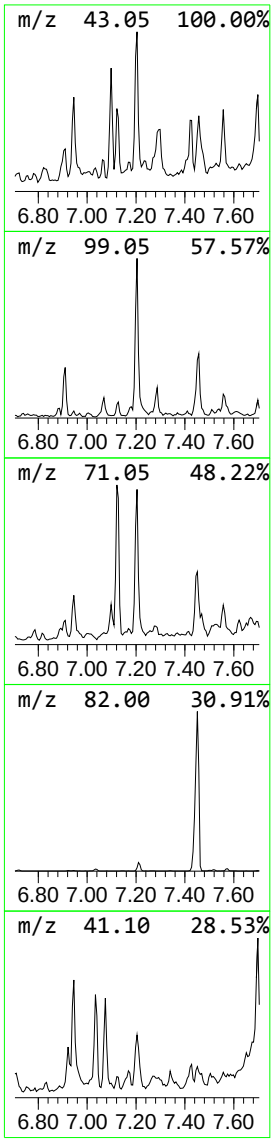
****

Peak Number 6 unknown7.204 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	11.19 ng	602333	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	43
2	3-Octanone	128	C8H16O	000106-68-3	43
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	43
4	iso-Amyl levulinate	186	C10H18O3	071172-75-3	38
5	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	38





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IRV-OILY-WATER

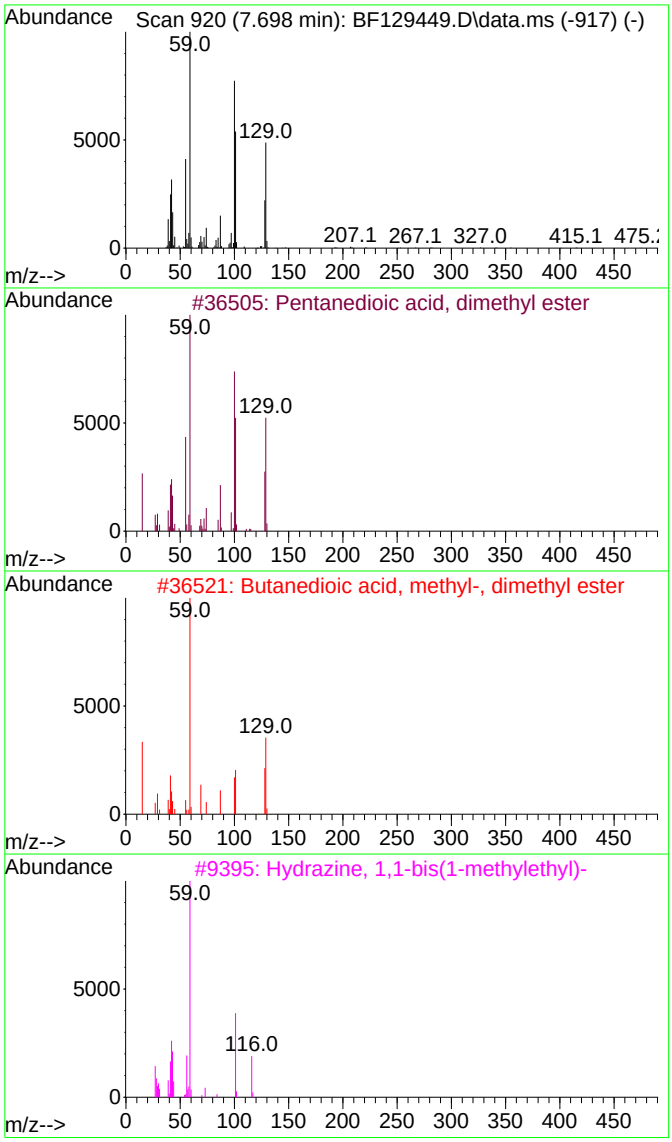
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

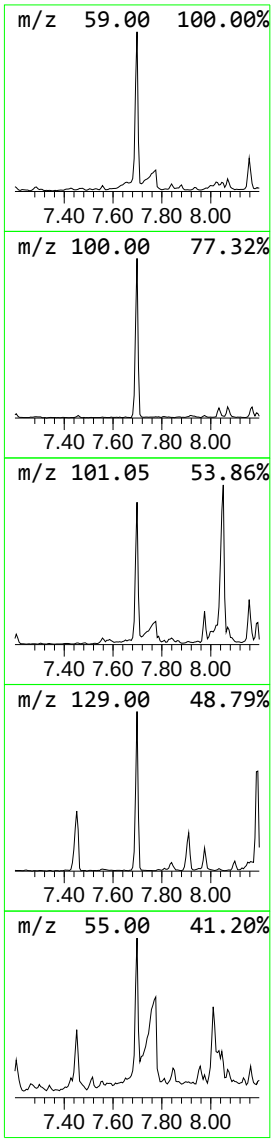
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentanedioic acid, dimethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	11.85 ng	1121550	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	91
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	47
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	22
5	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	16





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

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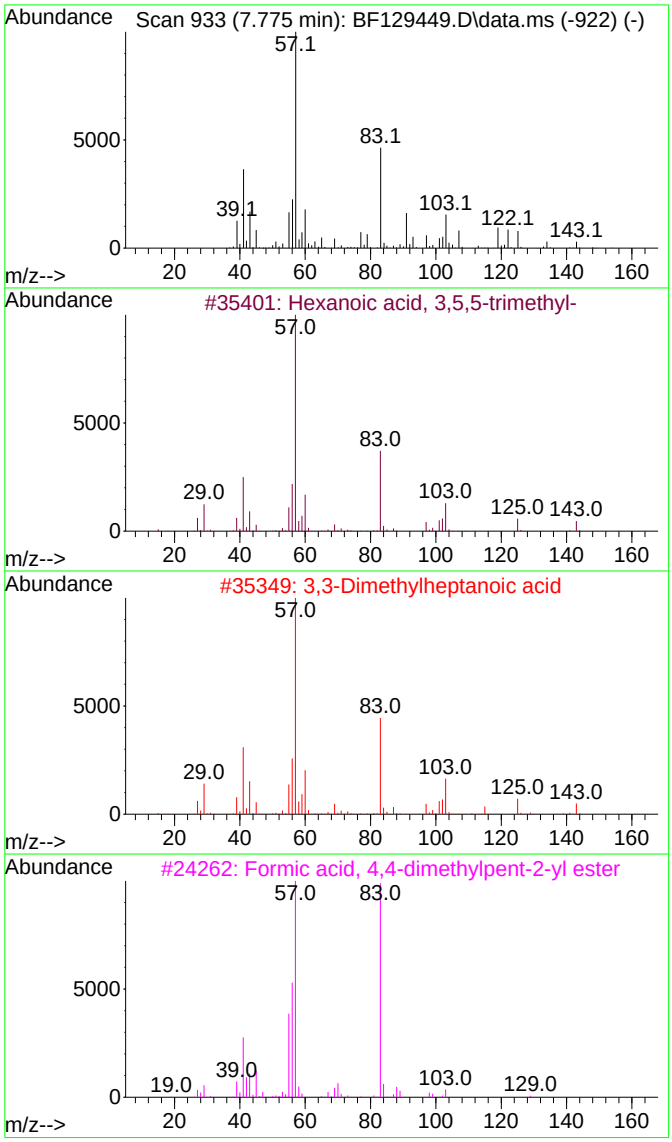
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

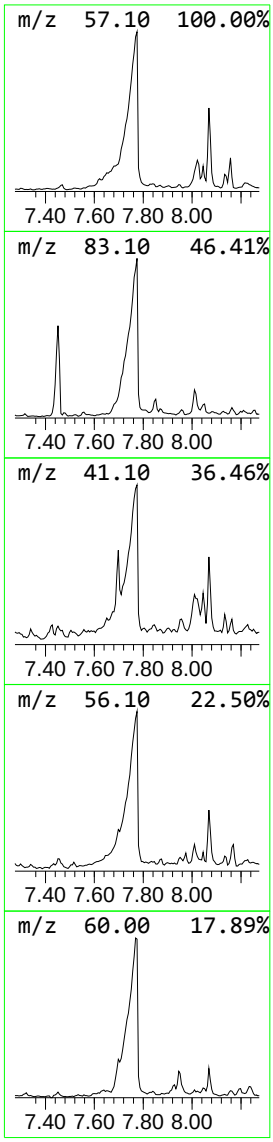
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexanoic acid, 3,5,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	33.83 ng	3203320	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	72
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	47
3	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	38
4	6,6-Dimethylheptanoic acid	158	C9H18O2	015898-92-7	37
5	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	10





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ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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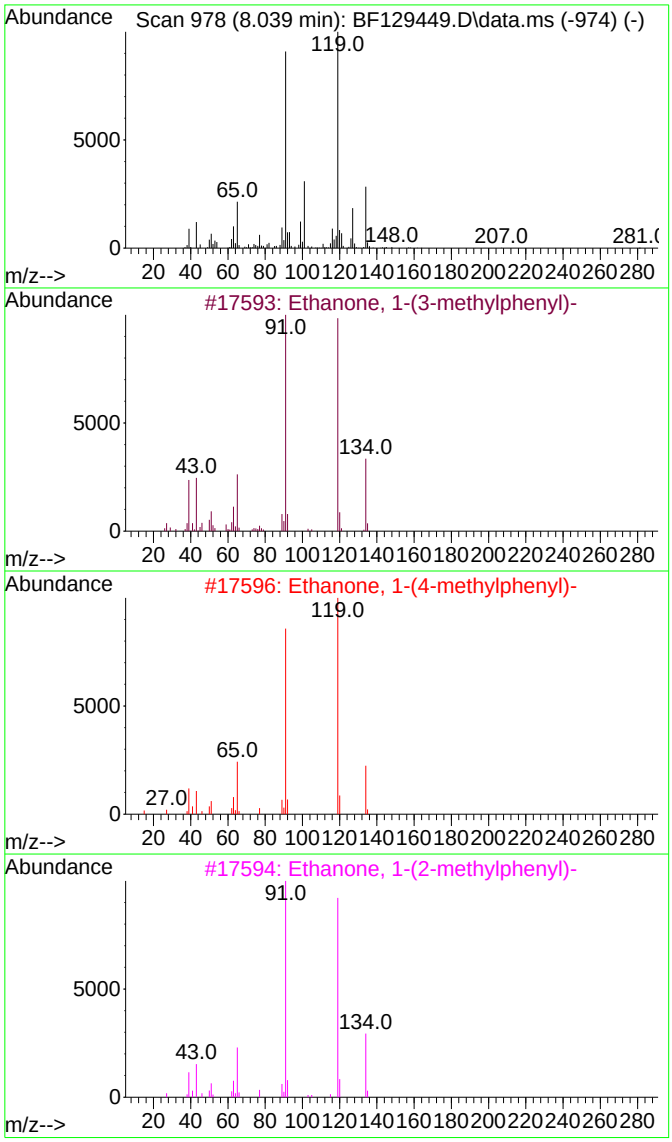
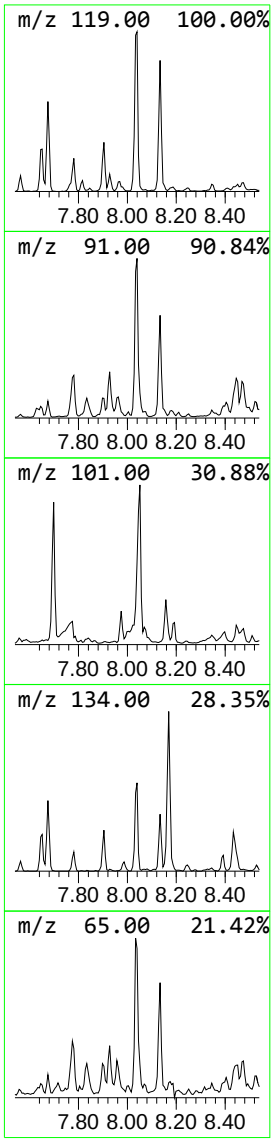
Peak Number 9 Ethanone, 1-(3-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.039	14.72 ng	1393400	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	95
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	93
3	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	70
4	p-Toluic acid, 3,5-difluoropheny...	248	C14H10F2O2	1000292-64-0	52
5	Glyoxal, 4-methylphenyl-	148	C9H8O2	001075-47-4	49





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IRV-OILY-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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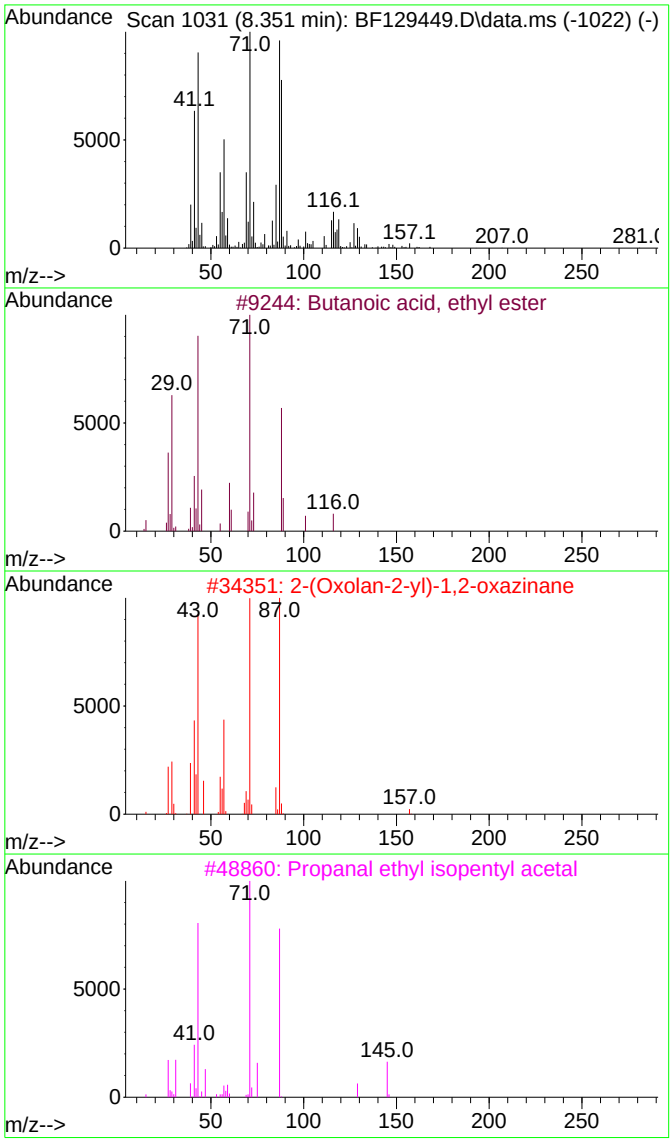
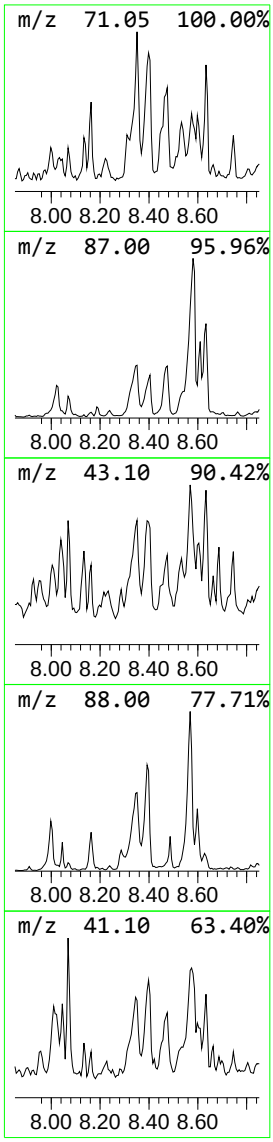
Peak Number 10 unknown8.351 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	9.54 ng	903153	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	46
2	2-(Oxolan-2-yl)-1,2-oxazinane	157	C8H15NO2	1000445-08-1	43
3	Propanal ethyl isopentyl acetal	174	C10H22O2	1000431-61-6	38
4	Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	27
5	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	25





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
IRV-OILY-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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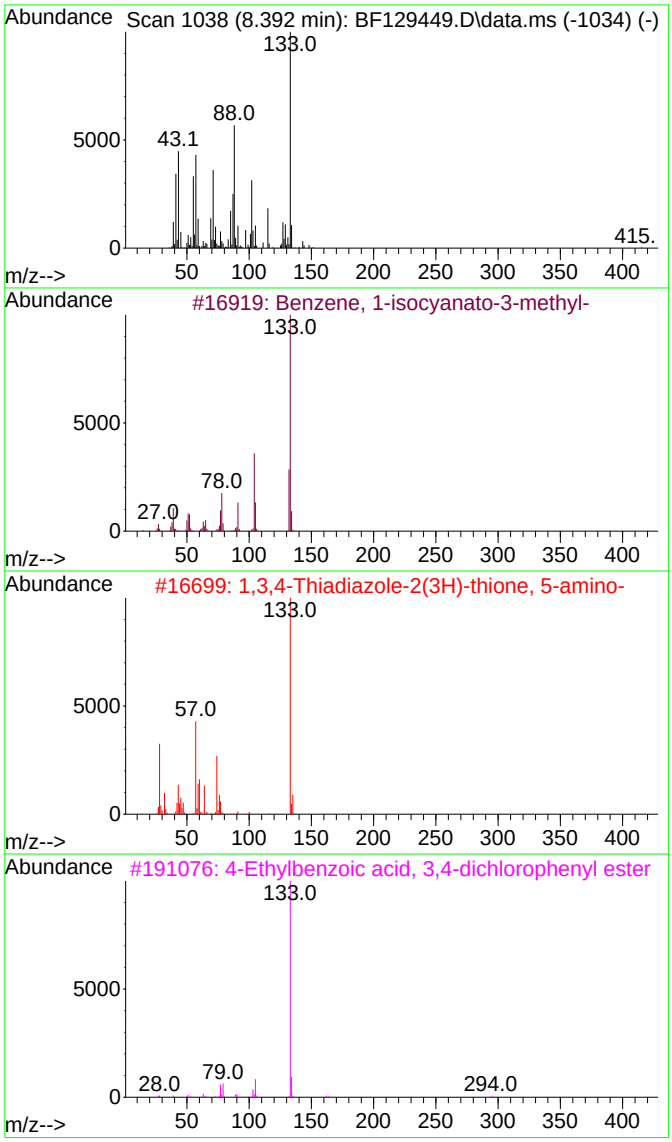
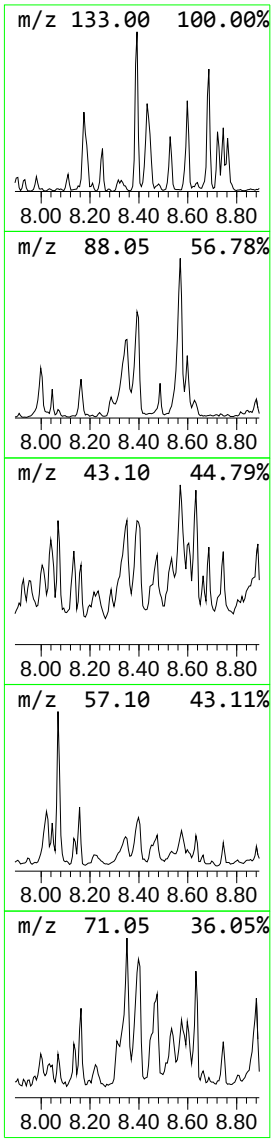
Peak Number 11 unknown8.392 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.392	10.66 ng	1009310	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	30
2	1,3,4-Thiadiazole-2(3H)-thione, ...	133	C2H3N3S2	002349-67-9	30
3	4-Ethylbenzoic acid, 3,4-dichlor...	294	C15H12Cl2O2	1000307-12-6	27
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
5	1H-Indol-5-ol	133	C8H7NO	001953-54-4	27





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Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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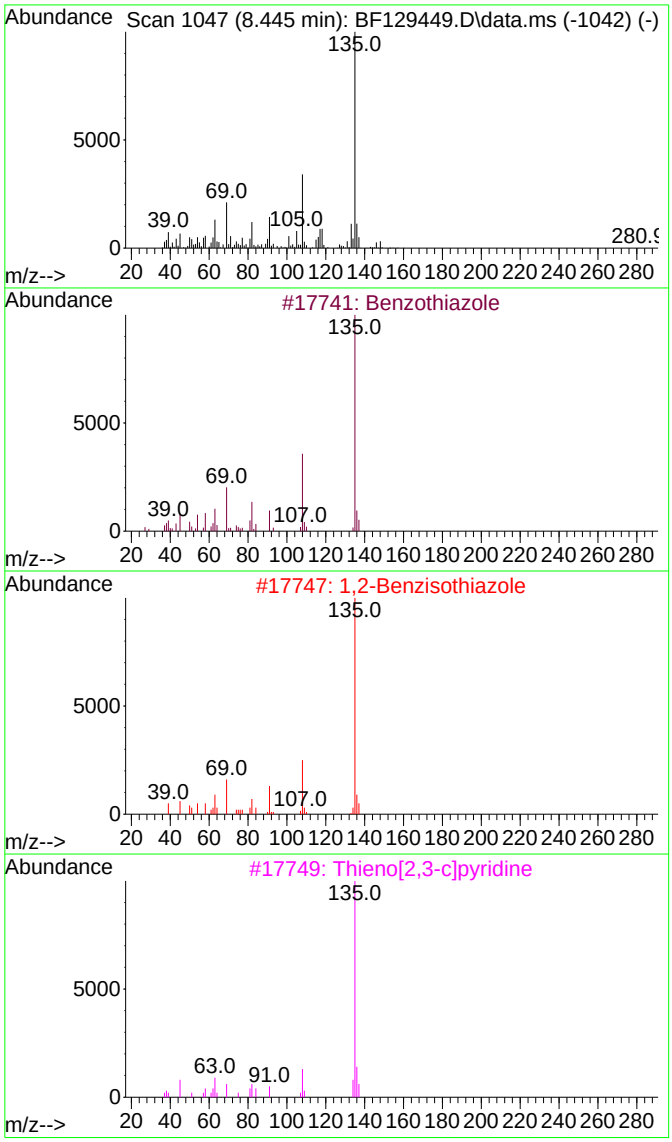
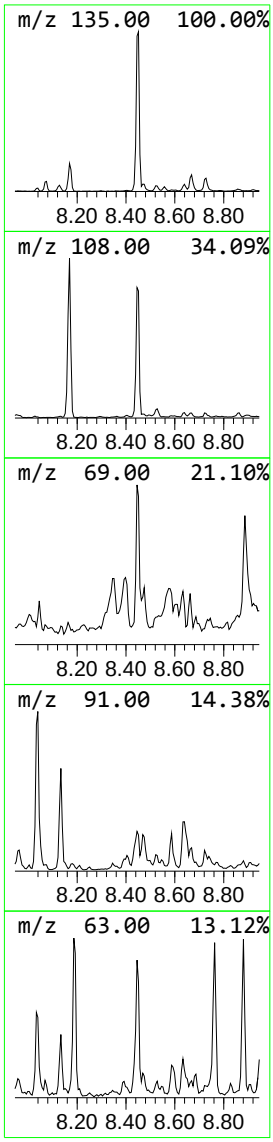
Peak Number 12 Benzothiazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	11.81 ng	1117770	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	93
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	93
3	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	68
4	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	64
5	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	59





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Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IRV-OILY-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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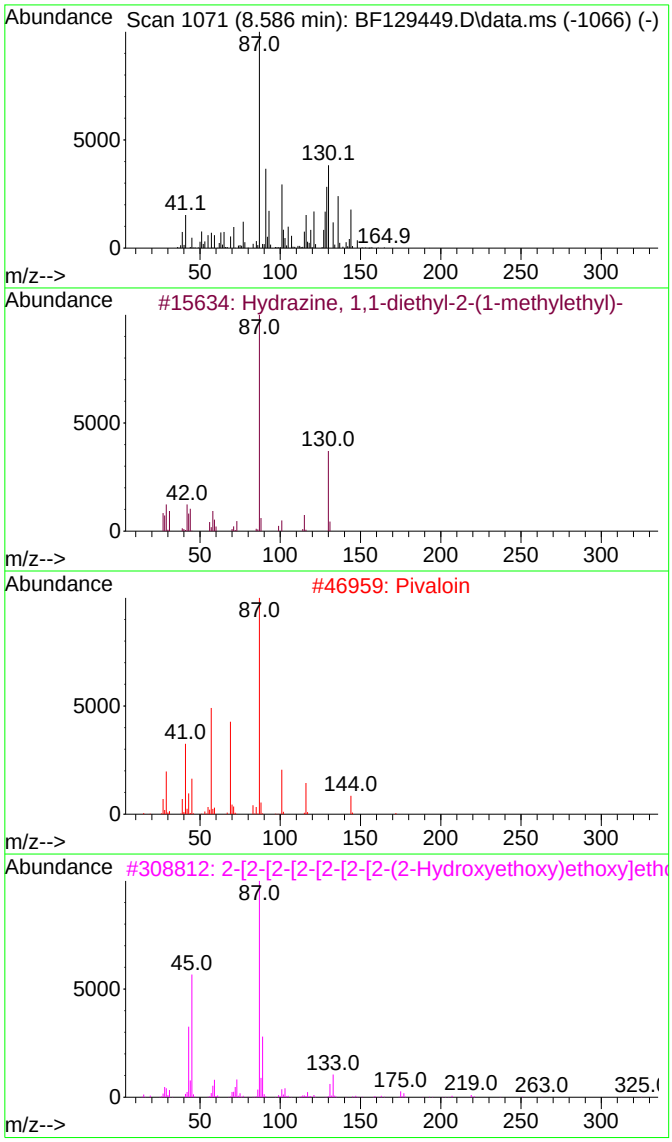
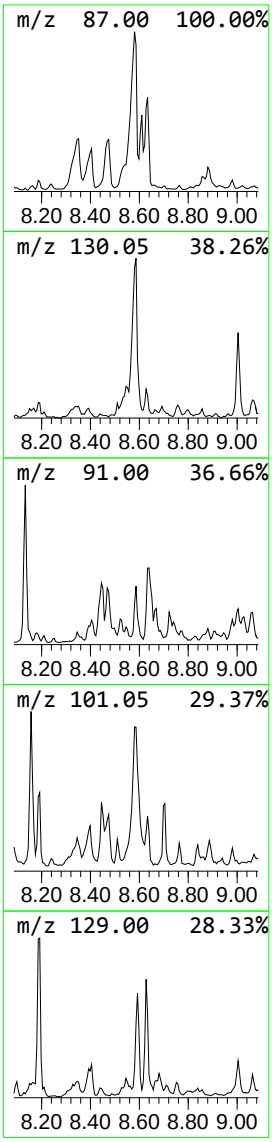
Peak Number 13 unknown8.586 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.586	17.02 ng	1611090	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-diethyl-2-(1-meth...	130	C7H18N2	067398-39-4	37
2	Pivaloin	172	C10H20O2	000815-66-7	32
3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	412	C18H36O10	1000351-92-6	27
4	1,3-Dioxolane, 2-butyl-2-methyl-	144	C8H16O2	014447-27-9	17
5	4-(2-Hydroxyethoxy)benzaldehyde,...	208	C11H12O4	1000494-83-8	16





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IRV-OILY-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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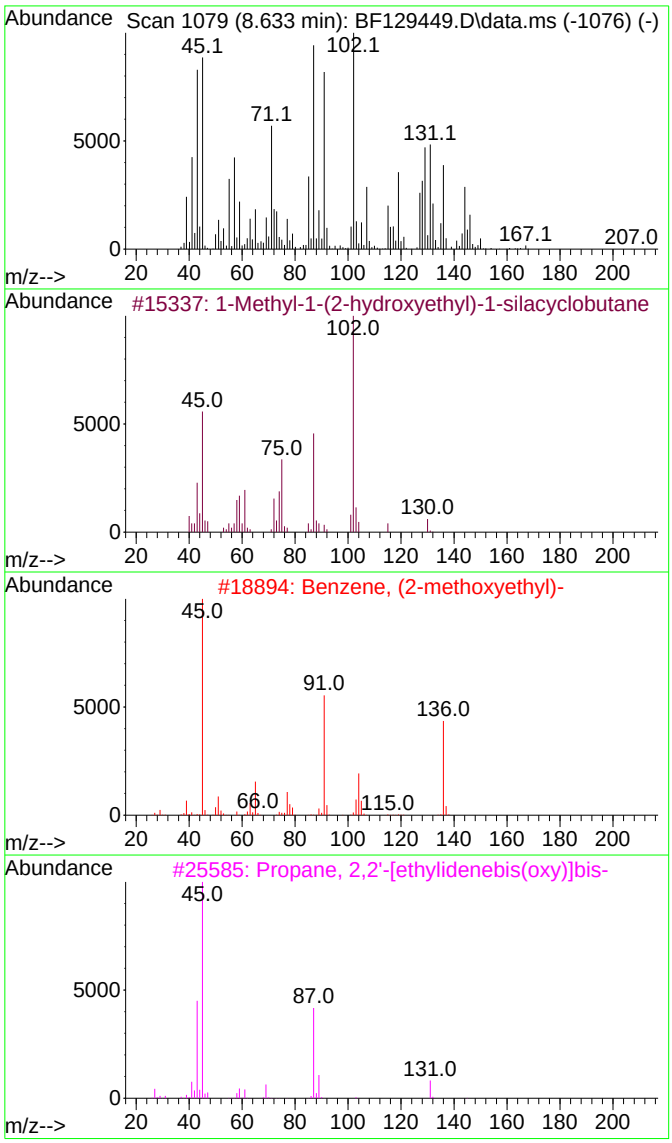
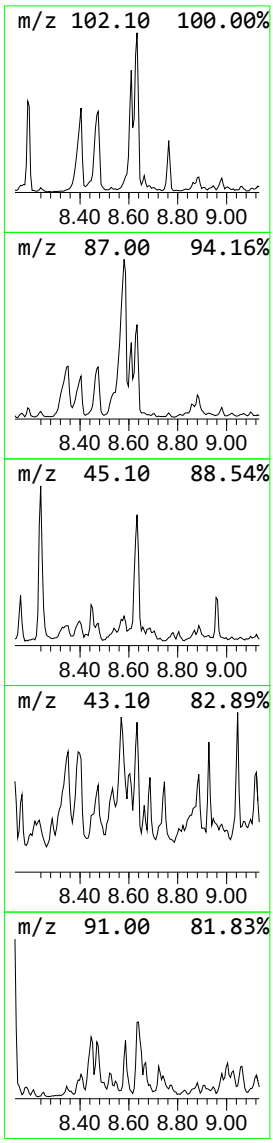
Peak Number 14 unknown8.633 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	10.73 ng	1015710	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-(2-hydroxyethyl)-1-si...	130	C6H14OSi	1000214-89-6	25
2	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	25
3	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	25
4	Butanoic acid, 2-ethyl-, methyl ...	130	C7H14O2	000816-11-5	22
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	412	C18H36O10	1000351-92-6	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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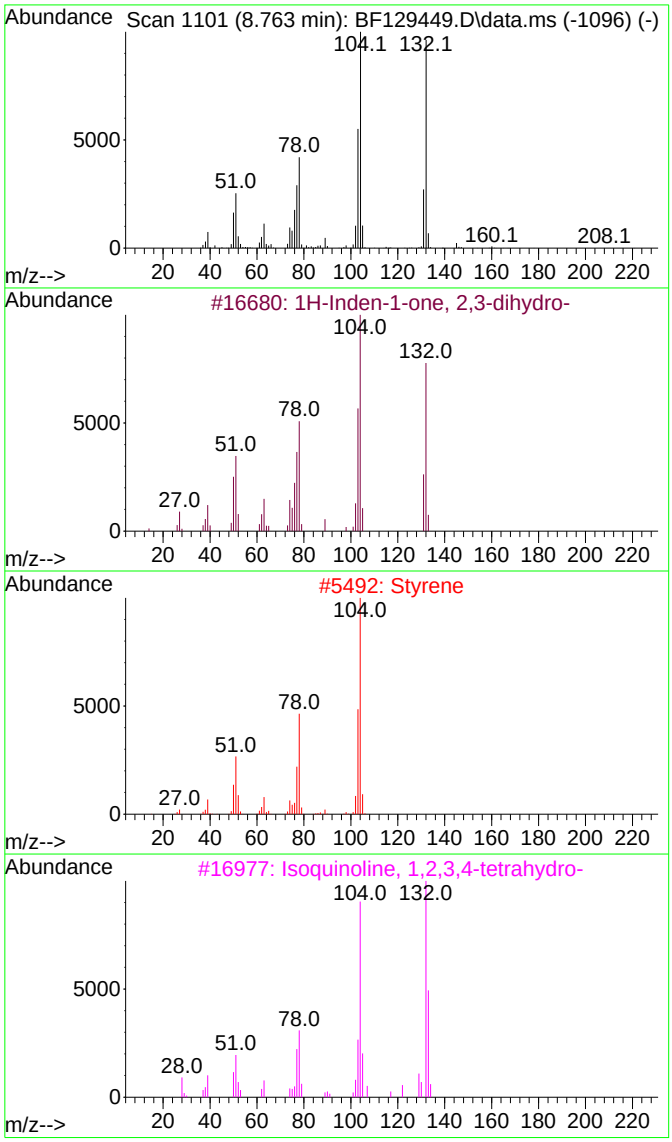
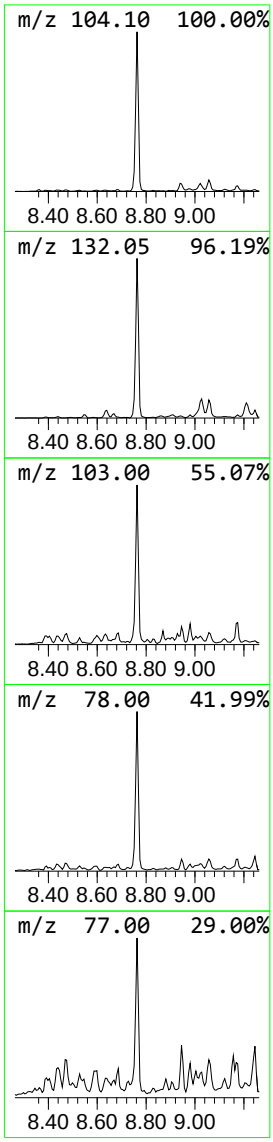
Peak Number 15 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	13.64 ng	1291010	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	Styrene	104	C8H8	000100-42-5	93
3	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	72
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	68
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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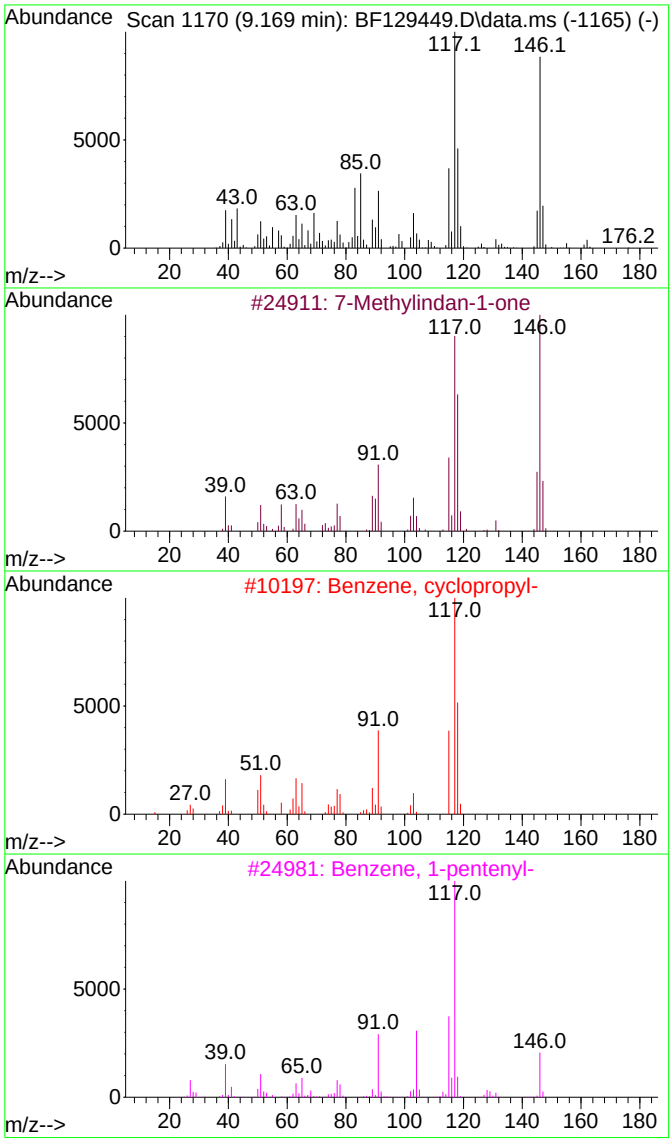
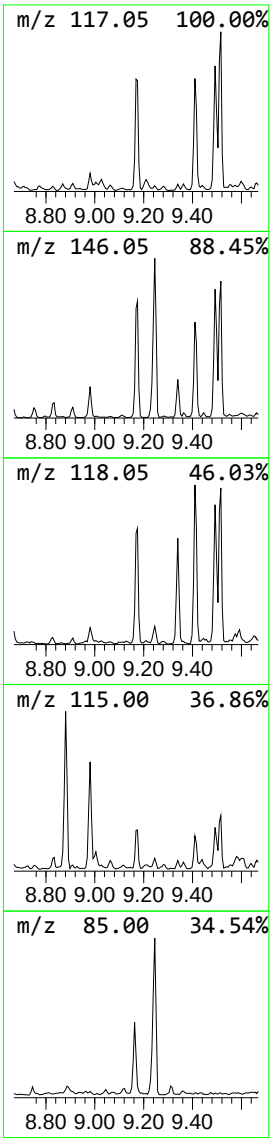
Peak Number 16 7-Methylindan-1-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	12.64 ng	985606	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	46
5	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	43





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Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

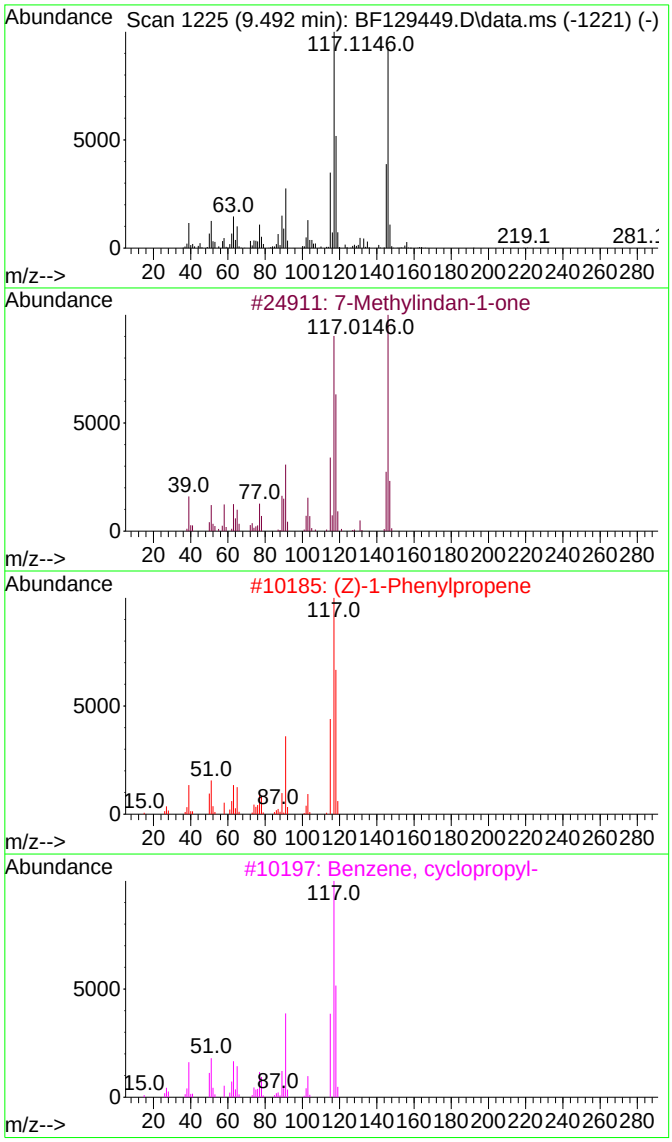
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

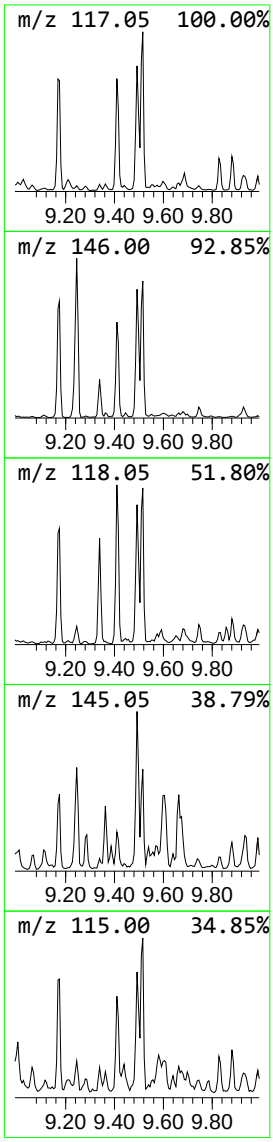
****

Peak Number 17 (Z)-1-Phenylpropene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	9.01 ng	702406	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	87
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	86
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	84
4	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	68
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





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Data File : BF129449.D
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Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

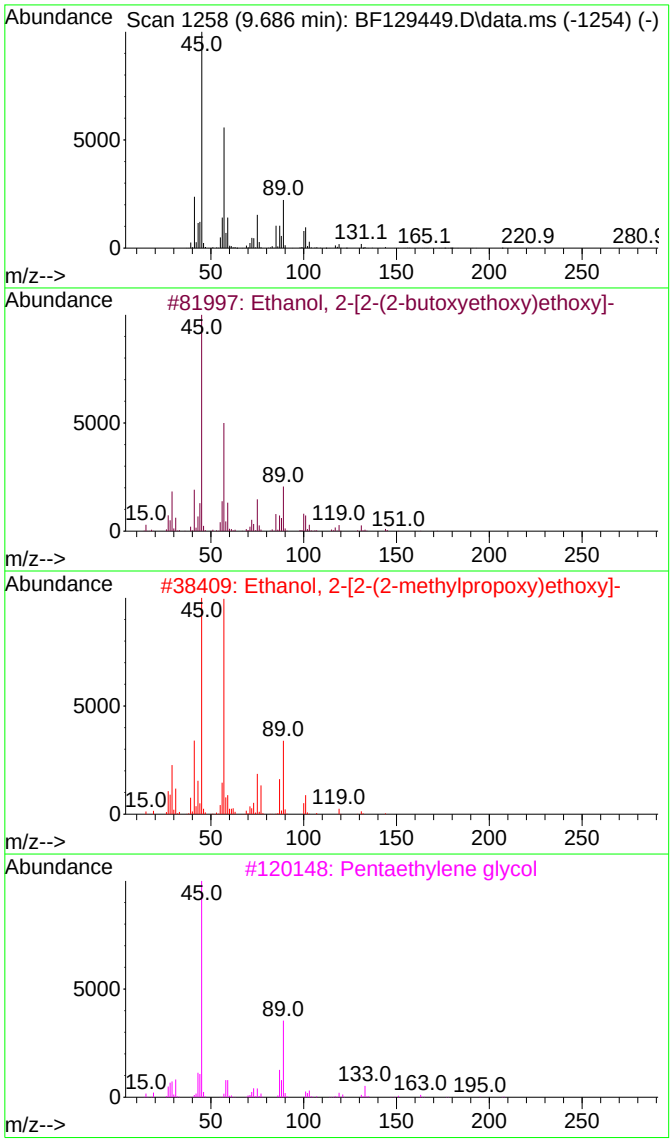
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

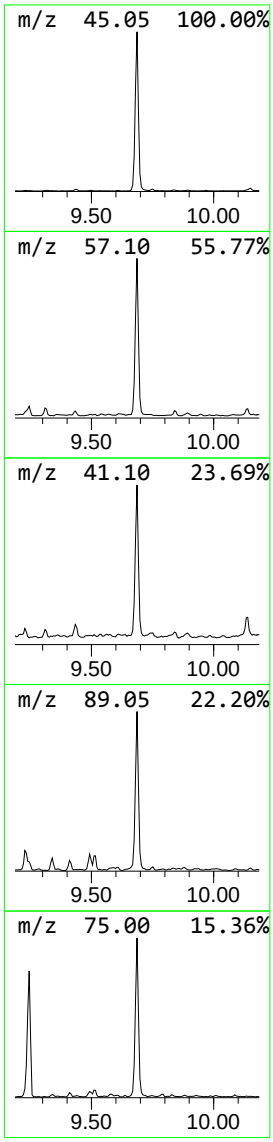
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	35.64 ng	2779680	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	64





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Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

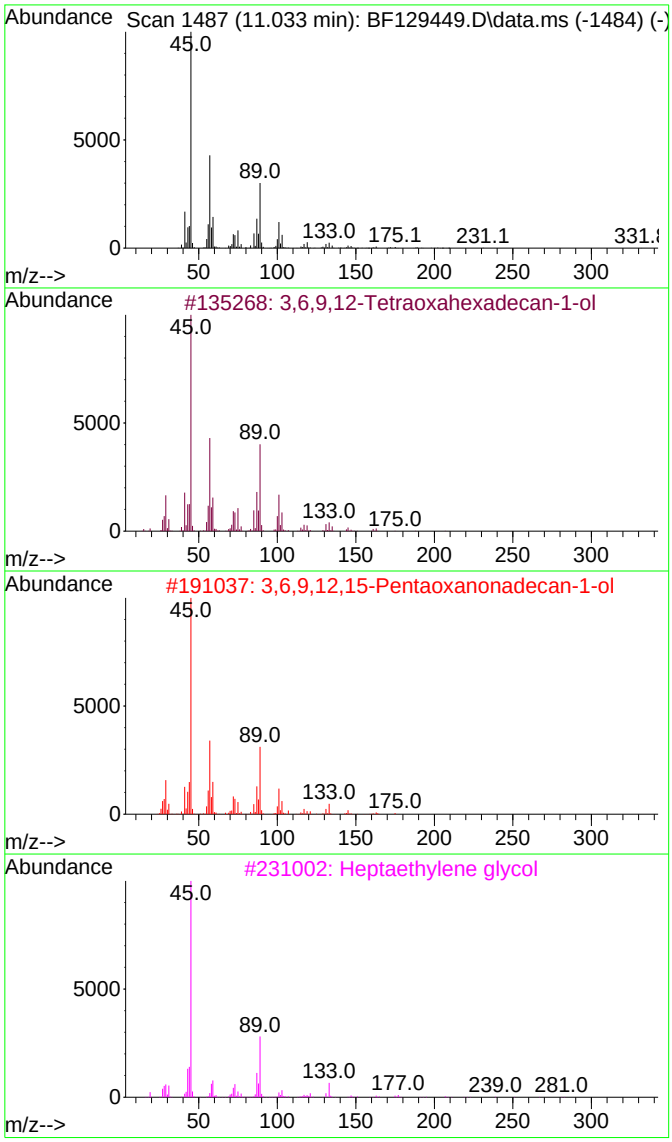
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

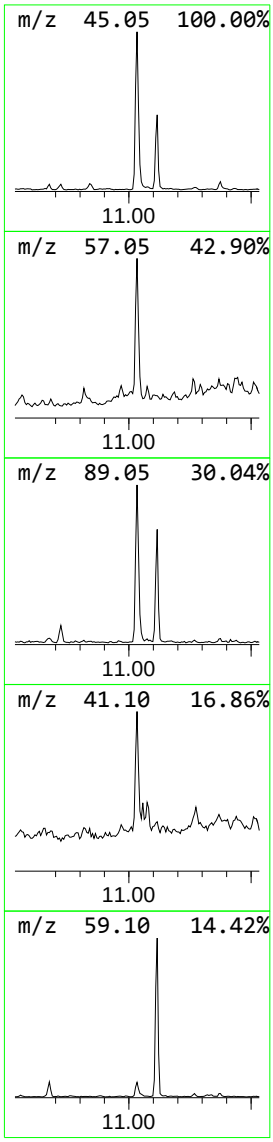
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	9.46 ng	552577	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	91
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	91
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	80
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	72





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Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

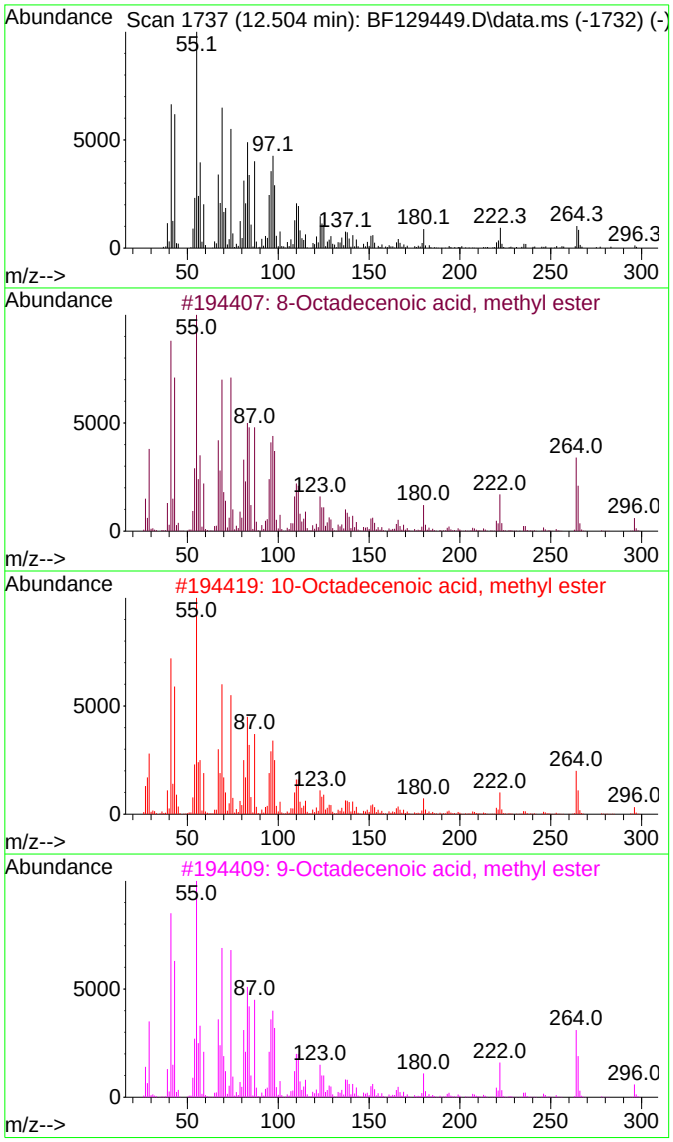
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

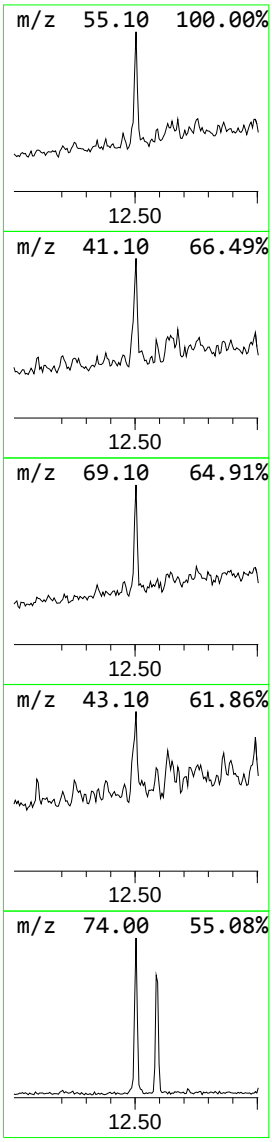
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 8-Octadecenoic acid, methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	8.93 ng	521877	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129449.D
Acq On : 29 Jul 2022 19:10
Operator : CG\JU
Sample : N3953-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRV-OILY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
2-Pentanol, 4-m...	3.875	8.6	ng	463761	1	6.881	1076180	20.0
Ethanol, 2-(2-m...	6.122	8.6	ng	460092	1	6.881	1076180	20.0
2-Cyclopenten-1...	6.428	13.0	ng	698953	1	6.881	1076180	20.0
1-Hexanol, 2-et...	6.945	8.6	ng	459951	1	6.881	1076180	20.0
2-Cyclopenten-1...	7.034	20.2	ng	1085290	1	6.881	1076180	20.0
unknown7.204	7.204	11.2	ng	602333	1	6.881	1076180	20.0
Pentanedioic ac...	7.698	11.9	ng	1121550	2	8.169	1893600	20.0
Hexanoic acid, ...	7.775	33.8	ng	3203320	2	8.169	1893600	20.0
Ethanone, 1-(3-...	8.039	14.7	ng	1393400	2	8.169	1893600	20.0
unknown8.351	8.351	9.5	ng	903153	2	8.169	1893600	20.0
unknown8.392	8.392	10.7	ng	1009310	2	8.169	1893600	20.0
Benzothiazole	8.445	11.8	ng	1117770	2	8.169	1893600	20.0
unknown8.586	8.586	17.0	ng	1611090	2	8.169	1893600	20.0
unknown8.633	8.633	10.7	ng	1015710	2	8.169	1893600	20.0
1H-Inden-1-one,...	8.763	13.6	ng	1291010	2	8.169	1893600	20.0
7-Methylindan-1...	9.169	12.6	ng	985606	3	9.927	1559760	20.0
(Z)-1-Phenylpro...	9.492	9.0	ng	702406	3	9.927	1559760	20.0
Ethanol, 2-[2-(...	9.686	35.6	ng	2779680	3	9.927	1559760	20.0
3,6,9,12-Tetrao...	11.033	9.5	ng	552577	4	11.416	1168550	20.0
8-Octadecenoic ...	12.504	8.9	ng	521877	4	11.416	1168550	20.0