LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138248.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	10	17	21	rBV	6685768	9299651	50.53%	4.042%
2	3.075	152	168	172	rVB	3372712	9516493	51.71%	4.136%
3	3.310	187	208	211	rBV	3867316	13598631	73.88%	5.910%
4	3.381	212	220	225	rVV	1708824	3053392	16.59%	1.327%
5	3.457	225	233	237	rVV	874429	1390689	7.56%	0.604%
6	3.922	306	312	316	rBV2	536604	695584	3.78%	0.302%
7	3.975	317	321	325	rBV	443205	574159	3.12%	0.250%
8	4.551	413	419	424	rVB4	267364	478412	2.60%	0.208%
9	4.828	459	466	472	rVB2	462481	624661	3.39%	0.271%
10	5.098	504	512	516	rBV2	300548	481452	2.62%	0.209%
11	5.481	571	577	578	rBV3	503484	760575	4.13%	0.331%
12	5.504	578	581	585	rVV	3050003	3486647	18.94%	1.515%
13	5.639	592	604	606	rBV3	453524	1291467	7.02%	0.561%
14	5.763	622	625	628	rBV	689204	633289	3.44%	0.275%
15	6.157	690	692	696	rVB	449439	513717	2.79%	0.223%
16	6.263	703	710	712	rBV2	375537	624518	3.39%	0.271%
17	6.439	737	740	742	rBV	1046735	962929	5.23%	0.419%
18	6.516	749	753	758	rBV3	1921941	2864970	15.57%	1.245%
19	6.598	758	767	769	rBV6	445032	985586	5.35%	0.428%
20	6.634	769	773	775	rBV	1291463	1340916	7.29%	0.583%
21	6.810	800	803	806	rBV	861194	945915	5.14%	0.411%
22	6.886	812	816	820	rBV	2034811	1764880	9.59%	0.767%
23	6.963	823	829	832	rBV	2843035	3576371	19.43%	1.554%
24	7.045	835	843	850	rVB2	5779613	9196993	49.97%	3.997%
25	7.181	861	866	867	rBV3	422514	568790	3.09%	0.247%
26	7.210	867	871	873	rVV	841074	975464	5.30%	0.424%
27	7.251	873	878	880	rVV2	690219	935477	5.08%	0.407%
28	7.292	880	885	887	rVV2	1036963	1353742	7.36%	0.588%
29	7.322	887	890	892	rVV	1141674	1466139	7.97%	0.637%
30	7.345	892	894	896	rVB	925996	648702	3.52%	0.282%
31	7.416	901	906	907	rBV	850823	858551	4.66%	0.373%
32	7.451	907	912	914	rVB	4162611	4518124	24.55%	1.964%
33	7.492	914	919	922	rVB	1338282	1275234	6.93%	0.554%
34	7.622	933	941	942	rVV2	808465	1461388	7.94%	0.635%
35	7.645	942	945	948	rVV	2279433	2198445	11.94%	0.956%
36	7.680	948	951	954	rVB3	463663	561768	3.05%	0.244%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
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Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.757	958	964	966	rBV	560495	848535	4.61%	0.369%
38	7.822	966	975	977	rVB	8437100	12205067	66.31%	5.305%
39	7.869	977	983	985	rVB	884104	779626	4.24%	0.339%
40	8.080	985	1019	1022	rBV2	4000855	18405339	100.00%	7.999%
41	8.169	1029	1034	1037	rBV	2886121	2449568	13.31%	1.065%
42	8.322	1053	1060	1065	rBV2	1449170	1935580	10.52%	0.841%
43	8.386	1068	1071	1073	rVV	753873	611680	3.32%	0.266%
44	8.428	1073	1078	1080	rVV	763524	835502	4.54%	0.363%
45	8.516	1080	1093	1096	rVV	2879665	8221038	44.67%	3.573%
46	8.557	1096	1100	1102	rVV	1282742	1424479	7.74%	0.619%
47	8.580	1102	1104	1106	rVV	1261702	967656	5.26%	0.421%
48	8.733	1126	1130	1133	rVV	1032422	933405	5.07%	0.406%
49	8.886	1151	1156	1159	rVV	1375271	1306596	7.10%	0.568%
50	8.933	1160	1164	1167	rVV	1373630	1446442	7.86%	0.629%
51	8.980	1167	1172	1174	rVV2	869066	1352623	7.35%	0.588%
52	9.157	1187	1202	1204	rBV	4279675	10260911	55.75%	4.460%
53	9.180	1204	1206	1212	rVV2	377751	486870	2.65%	0.212%
54	9.245	1212	1217	1220	rVV	7363679	6757909	36.72%	2.937%
55	9.386	1236	1241	1246	rBV3	2051944	2477456	13.46%	1.077%
56	9.633	1279	1283	1286	rVB2	523251	519514	2.82%	0.226%
57	9.727	1296	1299	1310	rBV2	4110025	4545552	24.70%	1.976%
58	9.922	1325	1332	1339	rVV2	4581377	7891322	42.88%	3.430%
59	9.980	1339	1342	1345	rVV2	767535	1216945	6.61%	0.529%
60	10.010	1345	1347	1351	rVV2	714709	1170139	6.36%	0.509%
61	10.045	1351	1353	1356	rVV2	572432	862299	4.69%	0.375%
62	10.074	1356	1358	1360	rVV	825924	817516	4.44%	0.355%
63	10.098	1360	1362	1364	rVV	1354782	1355191	7.36%	0.589%
64	10.116	1364	1365	1367	rVV	1394807	1207574	6.56%	0.525%
65	10.151	1367	1371	1376	rVV	2030332	3012682	16.37%	1.309%
66	10.245	1385	1387	1395	rVB	1520253	1546442	8.40%	0.672%
67	10.427	1416	1418	1422	rVB3	483106	508457	2.76%	0.221%
68	10.710	1462	1466	1469	rBV	3827083	3384808	18.39%	1.471%
69	10.757	1471	1474	1476	rVV2	627645	594014	3.23%	0.258%
70	10.786	1476	1479	1482	rVB	462043	442625	2.40%	0.192%
71	11.004	1511	1516	1519	rBV2	323798	445888	2.42%	0.194%
72	11.321	1568	1570	1573	rVV	389514	456809	2.48%	0.199%
73	11.357	1573	1576	1577	rVV	855838	930059	5.05%	0.404%
74	11.368	1577	1578	1579	rVV	1046557	664508	3.61%	0.289%
75	11.404	1581	1584	1590	rVB2	3272050	3380654	18.37%	1.469%
76	11.574	1609	1613	1617	rBV6	257110	454052	2.47%	0.197%

LSC Area Percent Report

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Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.774	1645	1647	1653	rVB	1045354	925131	5.03%	0.402%
78	11.939	1669	1675	1678	rBV2	1806376	2084168	11.32%	0.906%
79	12.245	1725	1727	1732	rVB	983242	815548	4.43%	0.354%
80	12.368	1744	1748	1754	rVV2	1179048	2002298	10.88%	0.870%
81	12.421	1754	1757	1759	rVV2	838662	1073774	5.83%	0.467%
82	12.451	1759	1762	1766	rVV2	1600687	2582665	14.03%	1.122%
83	12.486	1766	1768	1773	rVV	900823	1381930	7.51%	0.601%
84	12.586	1782	1785	1788	rVV	1328093	1317210	7.16%	0.572%
85	12.645	1792	1795	1801	rVV	1103144	1860103	10.11%	0.808%
86	12.721	1804	1808	1812	rVV	1636398	1962263	10.66%	0.853%
87	12.763	1812	1815	1819	rVV2	902063	1128281	6.13%	0.490%
88	12.833	1824	1827	1833	rVV5	398781	772419	4.20%	0.336%
89	12.992	1850	1854	1857	rVV	6019461	5265846	28.61%	2.289%
90	13.310	1903	1908	1911	rBV4	437858	779032	4.23%	0.339%
91	13.386	1917	1921	1925	rBV2	1342761	1875199	10.19%	0.815%
92	13.451	1930	1932	1941	rVB3	842059	1464759	7.96%	0.637%
93	13.557	1947	1950	1954	rBV	685373	640423	3.48%	0.278%
94	13.604	1954	1958	1961	rVB	1534047	1386671	7.53%	0.603%
95	13.704	1973	1975	1990	rVB3	554236	947448	5.15%	0.412%
96	14.039	2027	2032	2040	rVB	1728884	1863210	10.12%	0.810%
97	14.274	2070	2072	2076	rVB	859524	843554	4.58%	0.367%
98	14.657	2134	2137	2144	rVB2	591027	661370	3.59%	0.287%
99	15.151	2217	2221	2227	rBV	425651	639627	3.48%	0.278%
100	15.515	2278	2283	2288	rVB	979032	1212623	6.59%	0.527%

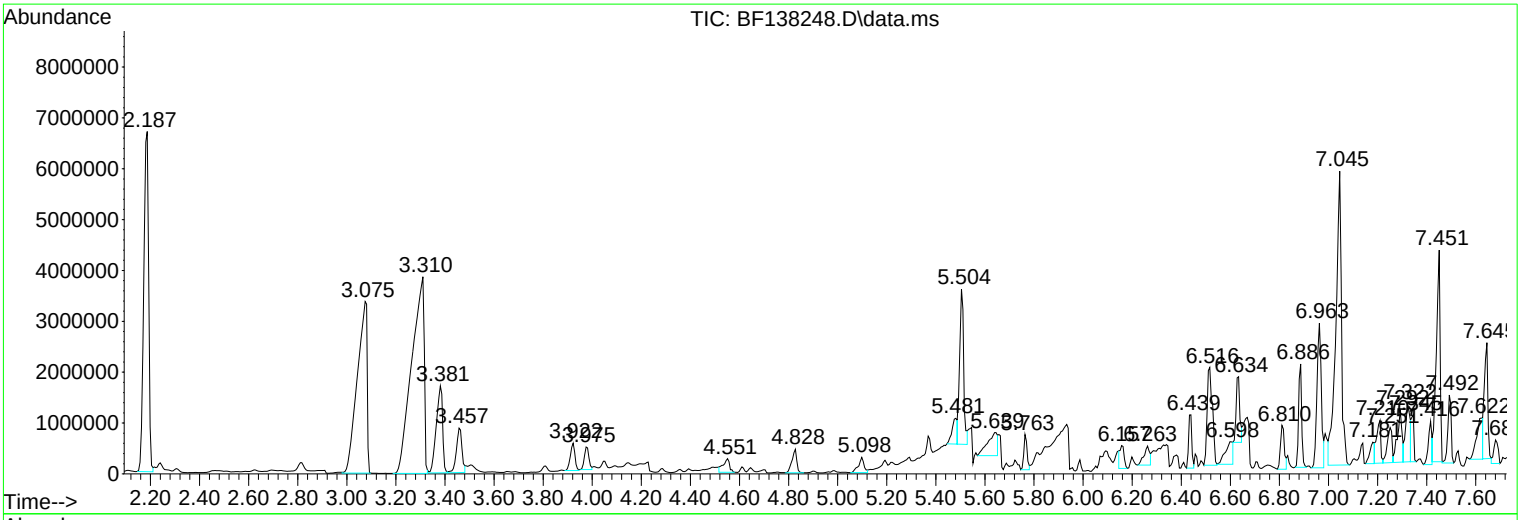
Sum of corrected areas: 230082605

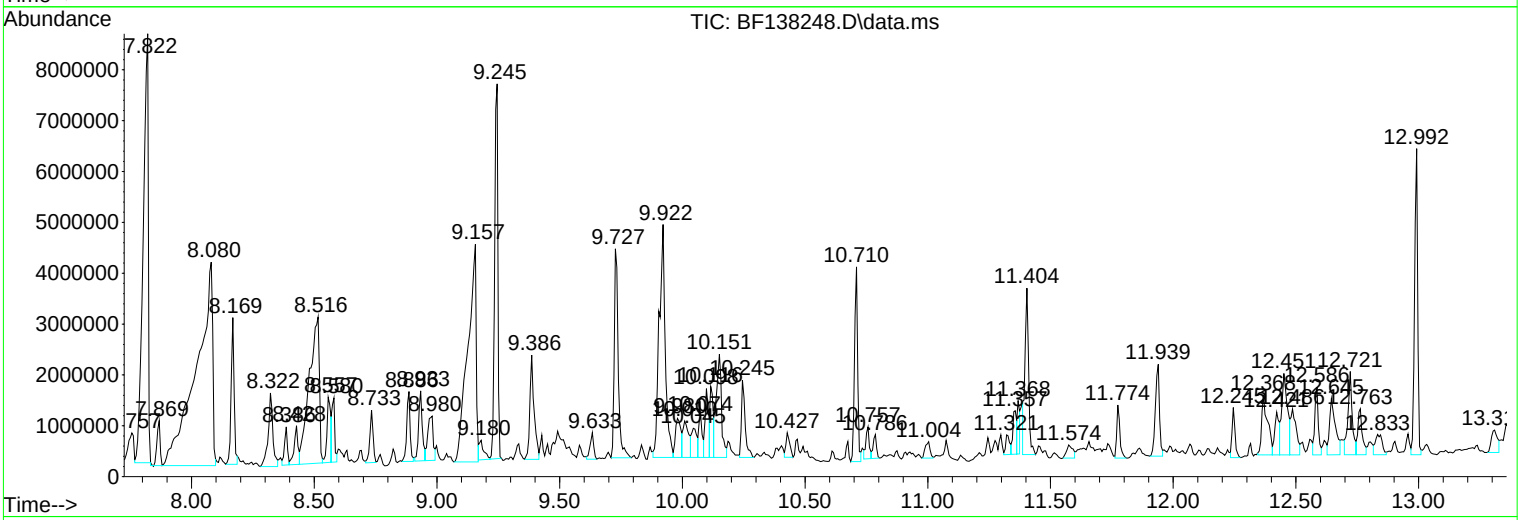
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

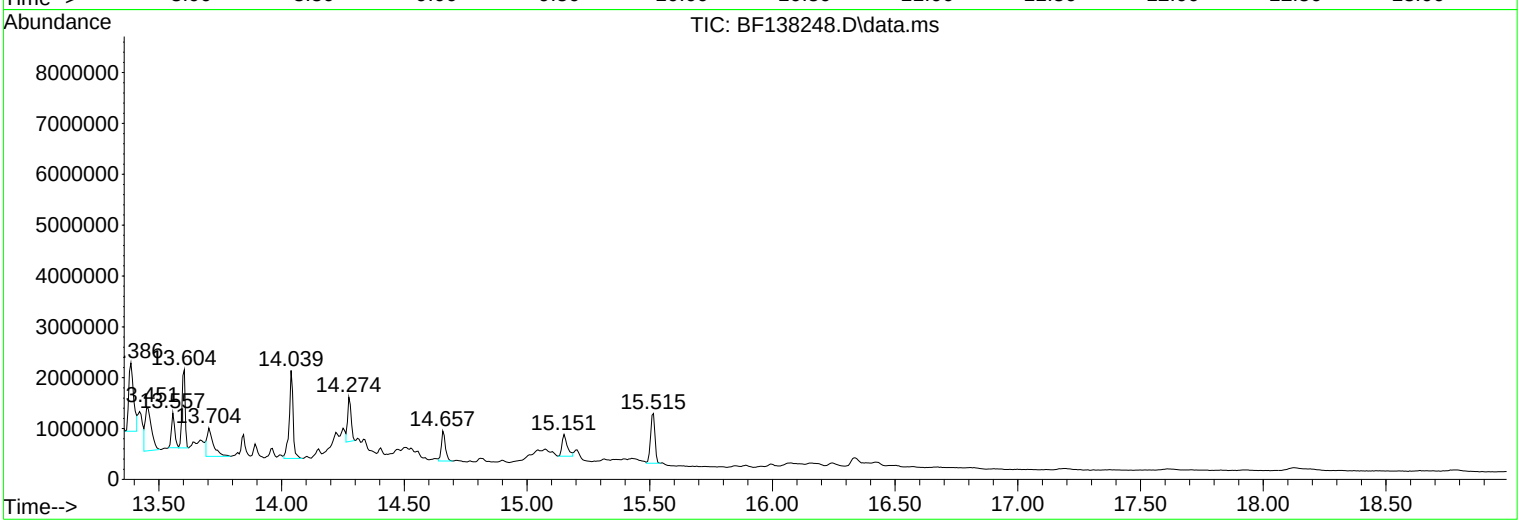
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

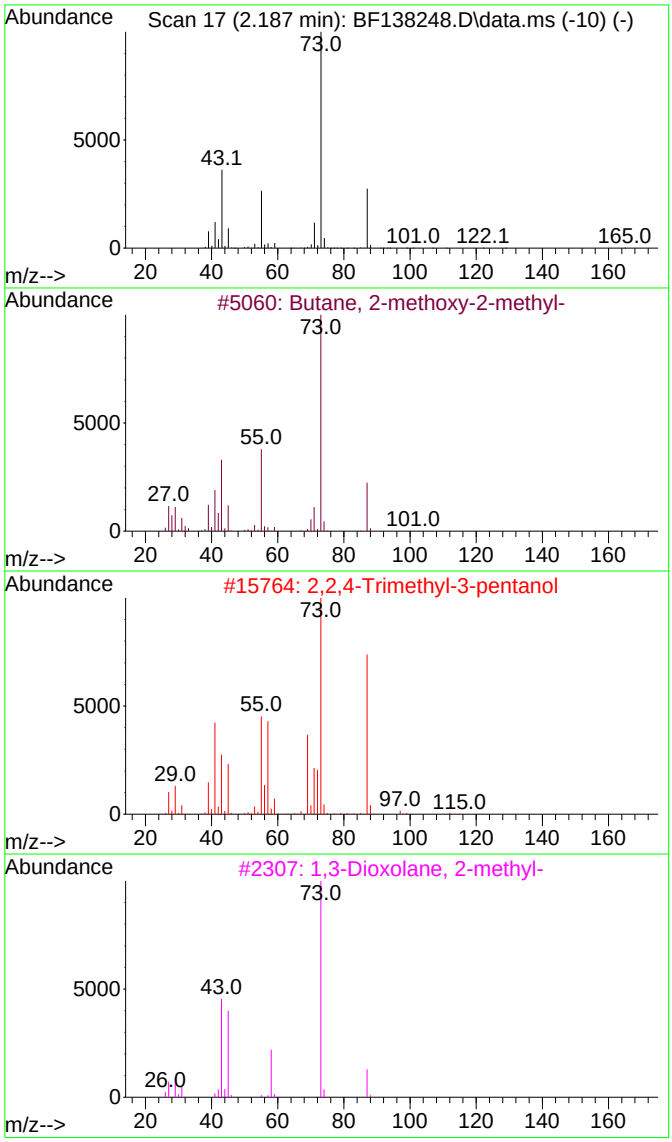
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

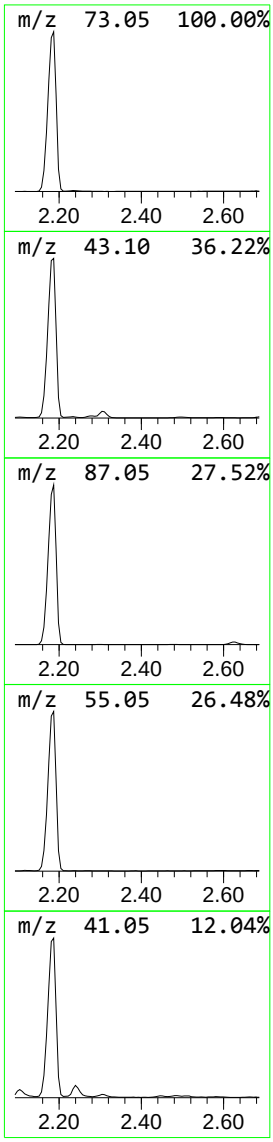
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	105.39 ng	9299650	1,4-Dichlorobenzene-d4	6.886

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	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Data File : BF138248.D
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

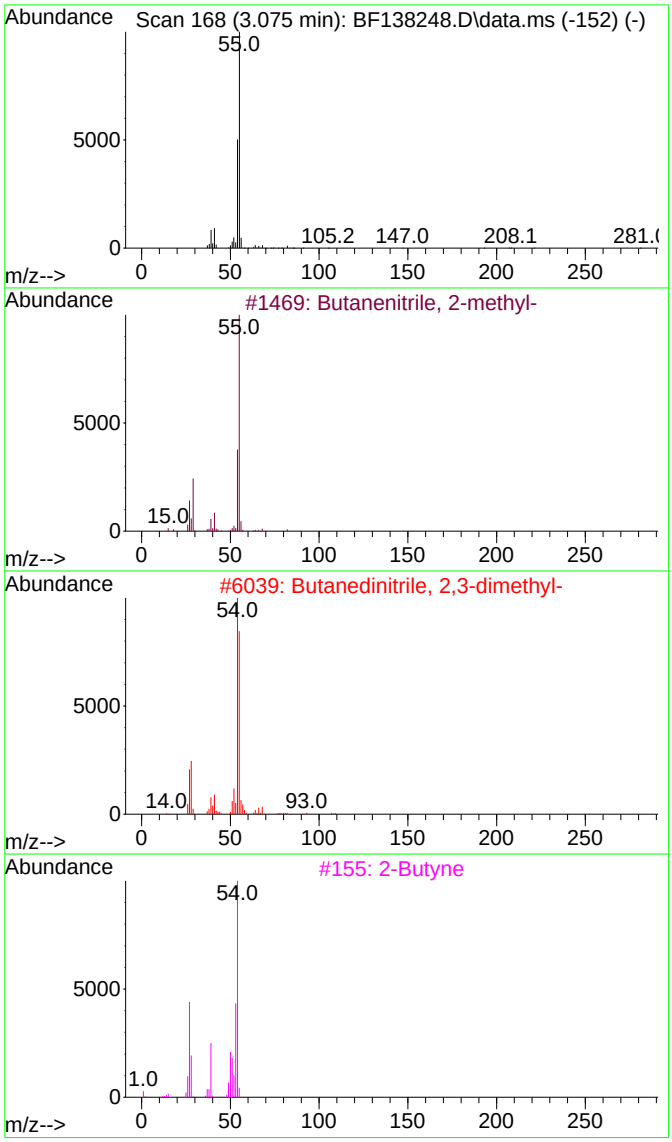
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

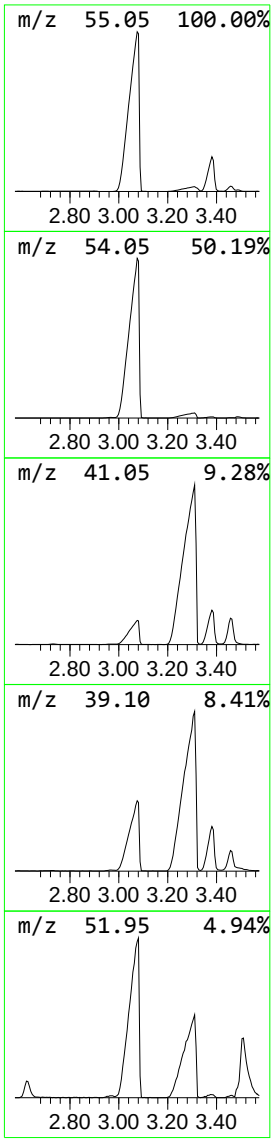
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanenitrile, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	107.84 ng	9516490	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanenitrile, 2-methyl-	83	C5H9N	018936-17-9	50
2	Butanedinitrile, 2,3-dimethyl-	108	C6H8N2	016411-13-5	36
3	2-Butyne	54	C4H6	000503-17-3	9
4	1,1'-Bicyclopropyl	82	C6H10	005685-46-1	9
5	1-Formyl-3-methylaziridine-2-car...	110	C5H6N2O	1000191-15-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
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BNA_F
ClientSampleId :
GRAY-WATER

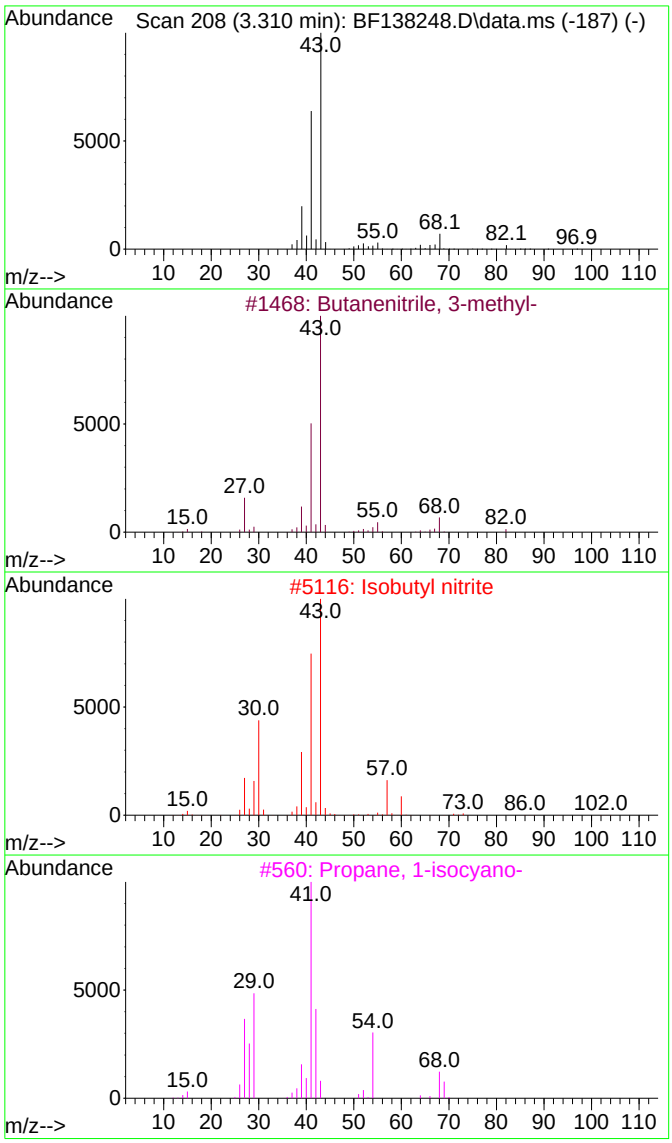
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

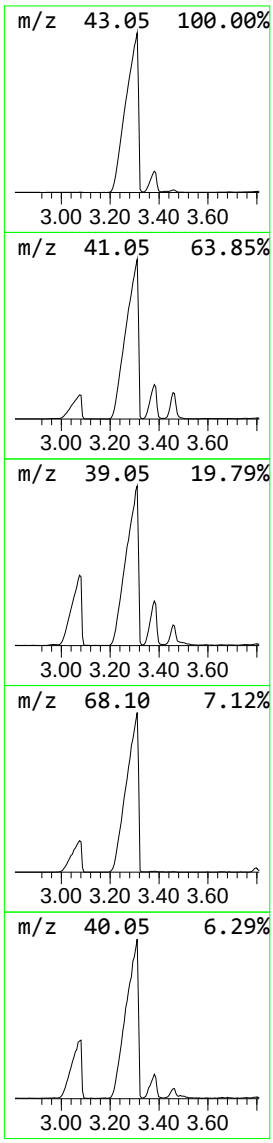
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butanenitrile, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.310	154.10 ng	13598600	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanenitrile, 3-methyl-	83	C5H9N	000625-28-5	64
2	Isobutyl nitrite	103	C4H9NO2	000542-56-3	36
3	Propane, 1-isocyano-	69	C4H7N	000627-36-1	17
4	Methacrolein	70	C4H6O	000078-85-3	10
5	AZIRIDINE-2-CARBONITRILE	68	C3H4N2	033898-53-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

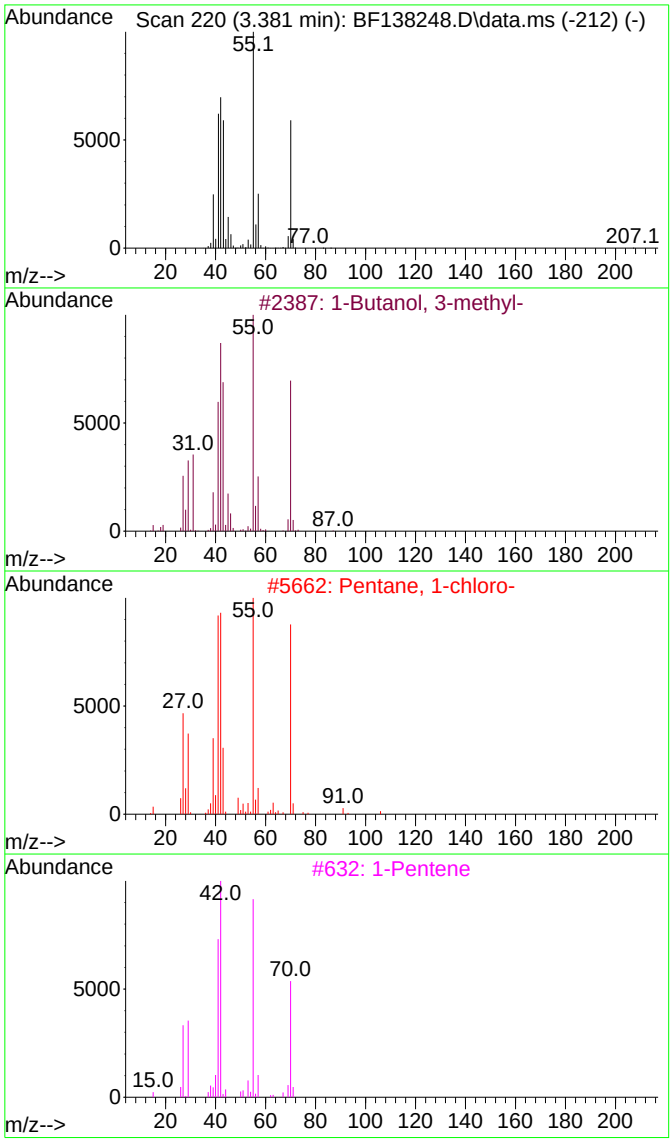
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

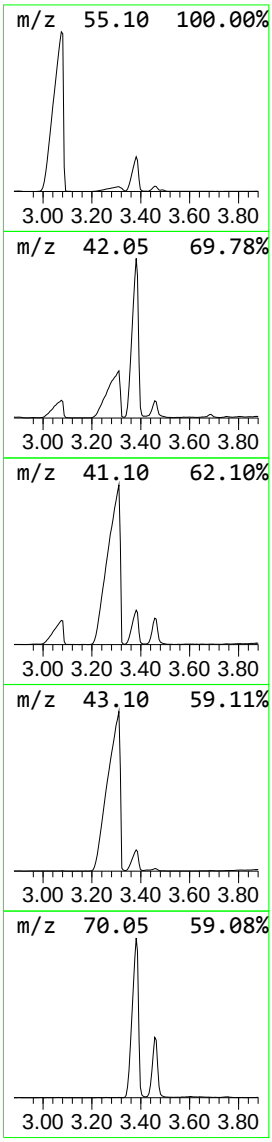
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Butanol, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.381	34.60 ng	3053390	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	90
2	Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	72
3	1-Pentene	70	C5H10	000109-67-1	64
4	1-Pentanol	88	C5H12O	000071-41-0	56
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

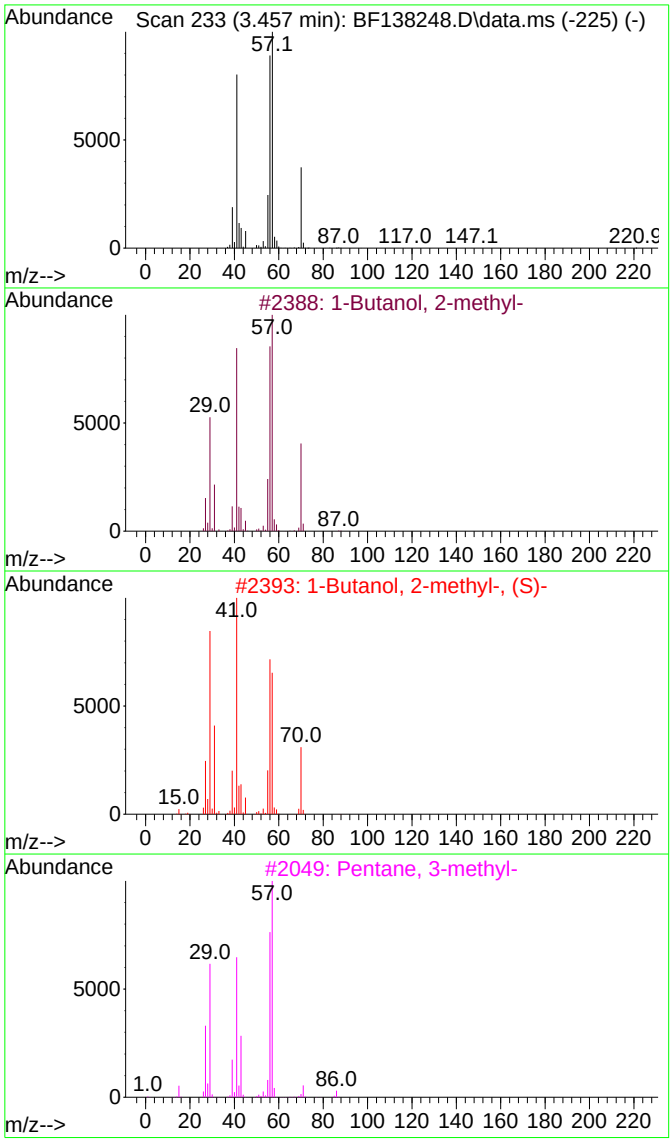
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

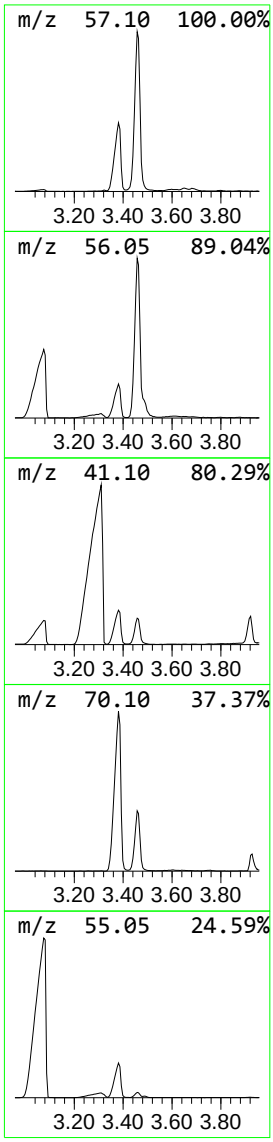
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Butanol, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.457	15.76 ng	1390690	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	83
2	1-Butanol, 2-methyl-, (S)-	88	C5H12O	001565-80-6	74
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	50
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	39
5	Aziridine, 1-propyl-	85	C5H11N	005536-98-1	36





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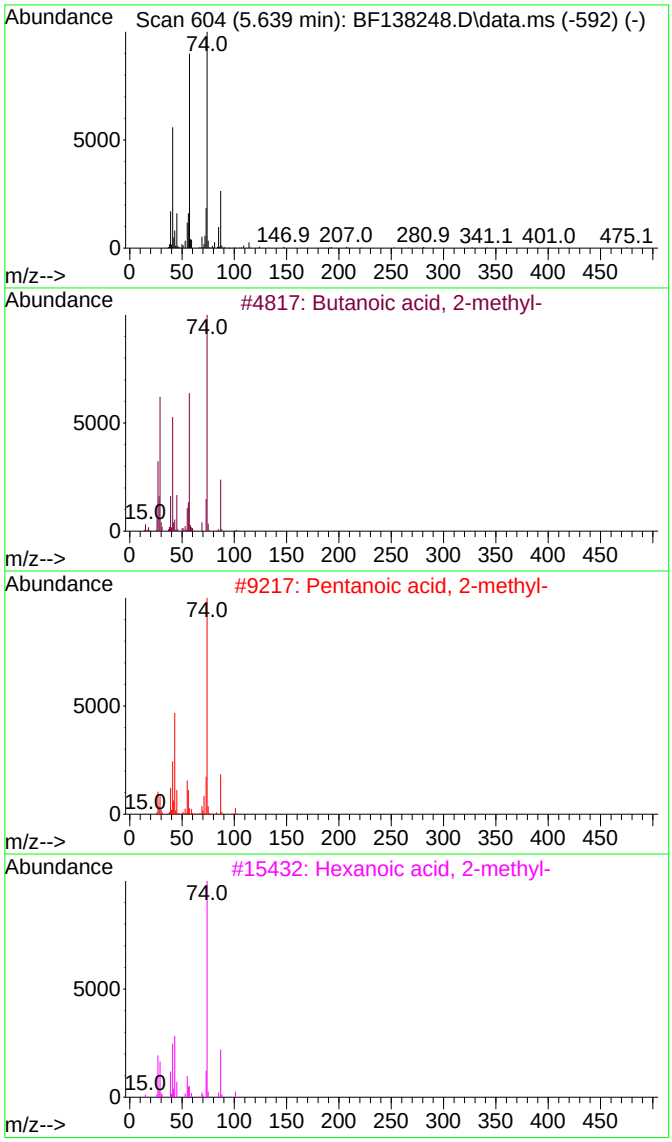
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

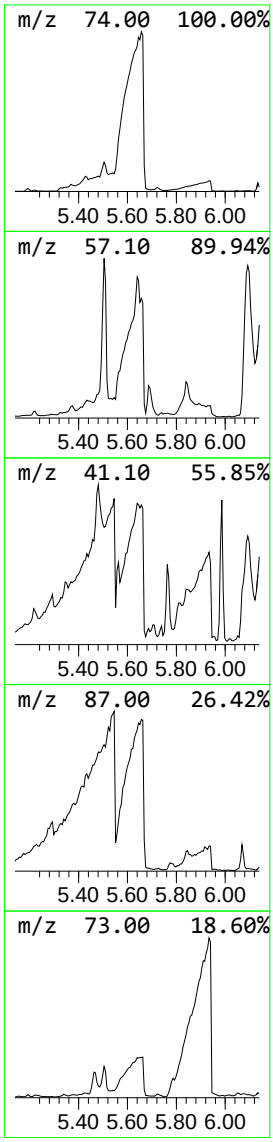
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butanoic acid, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.639	14.64 ng	1291470	1,4-Dichlorobenzene-d4	6.886

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	42
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	38
4	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	36
5	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	36





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ClientSampleId :
GRAY-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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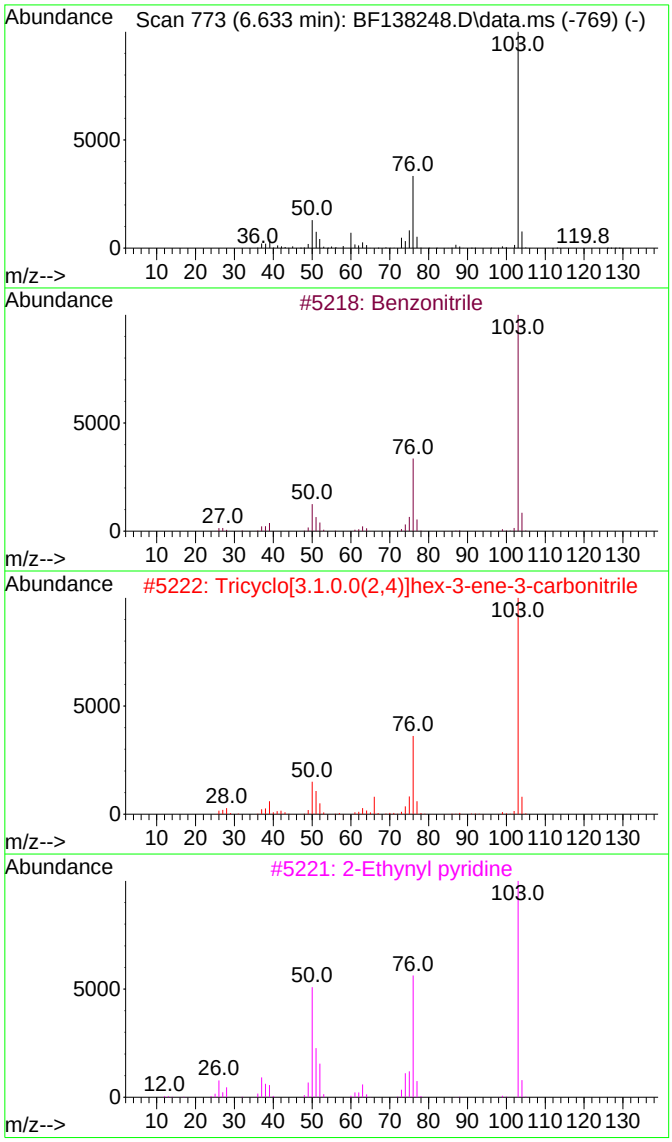
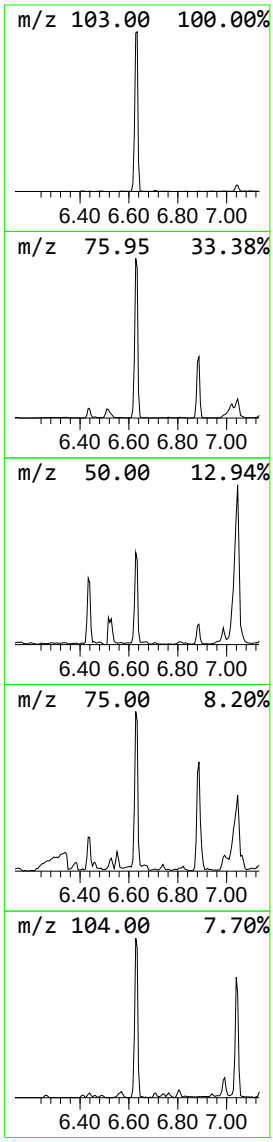
Peak Number 7 Benzonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.633	15.20 ng	1340920	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile	103	C7H5N	000100-47-0	94
2	Tricyclo[3.1.0.0(2,4)]hex-3-ene-...	103	C7H5N	103495-51-8	93
3	2-Ethynyl pyridine	103	C7H5N	001945-84-2	87
4	6H-1,2,5-Oxadiazine-6-thione, 4,...	192	C9H8N2OS	033406-07-4	56
5	Formic acid, TBDMS derivative	160	C7H16O2Si	1000366-59-6	40





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ClientSampleId :
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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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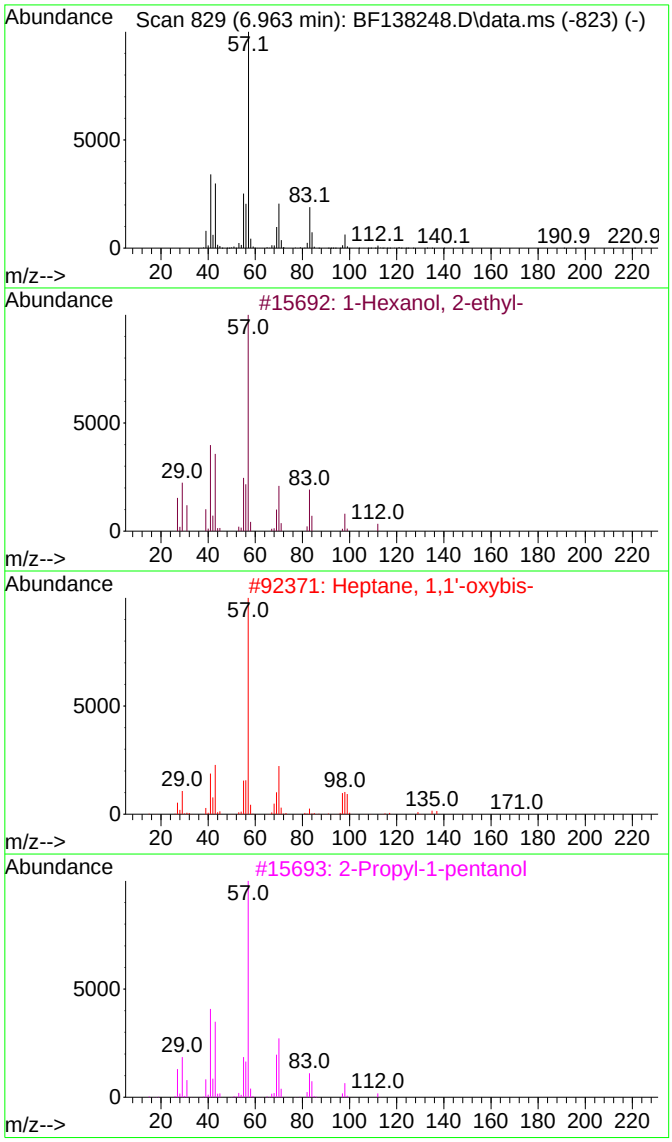
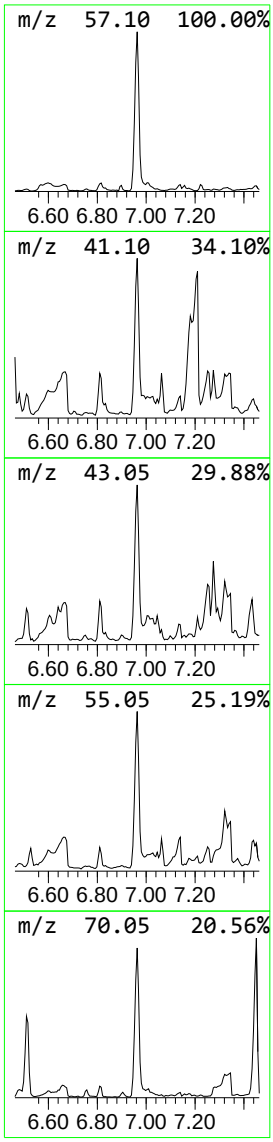
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	40.53 ng	3576370	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47





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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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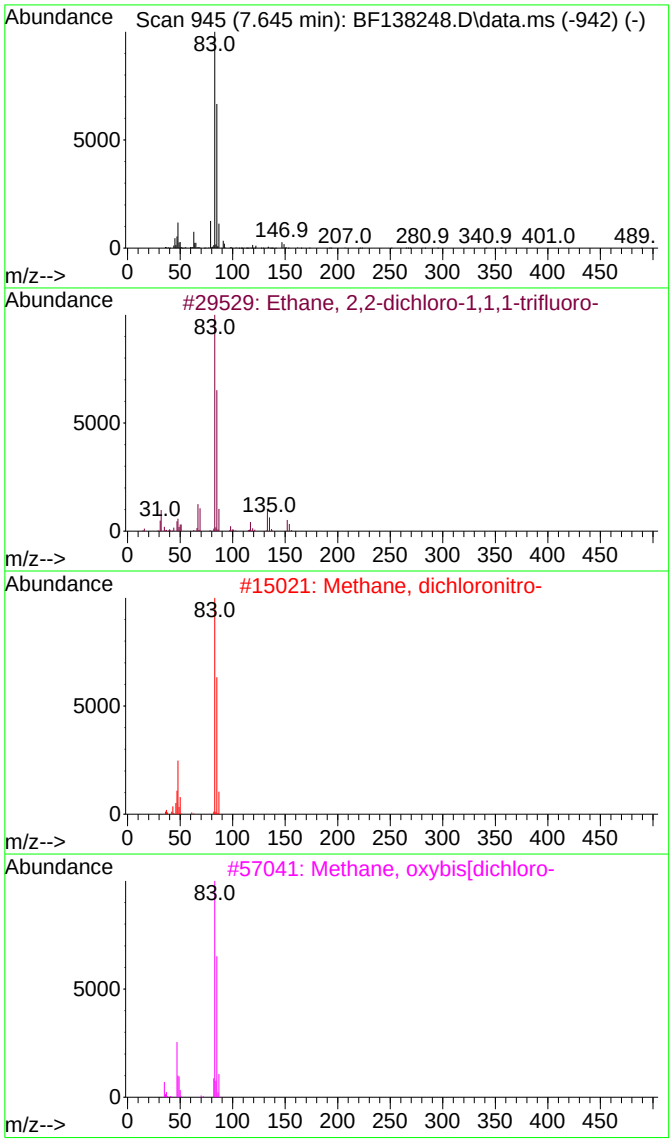
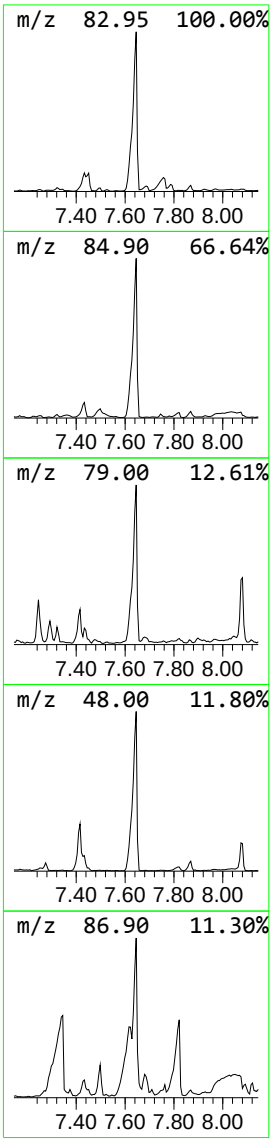
Peak Number 9 Ethane, 2,2-dichloro-1,1,1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.645	17.95 ng	2198450	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	78
2	Methane, dichloronitro-	129	CHCl2NO2	007119-89-3	64
3	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	56
4	Trichloromethane	118	CHCl3	000067-66-3	56
5	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	56





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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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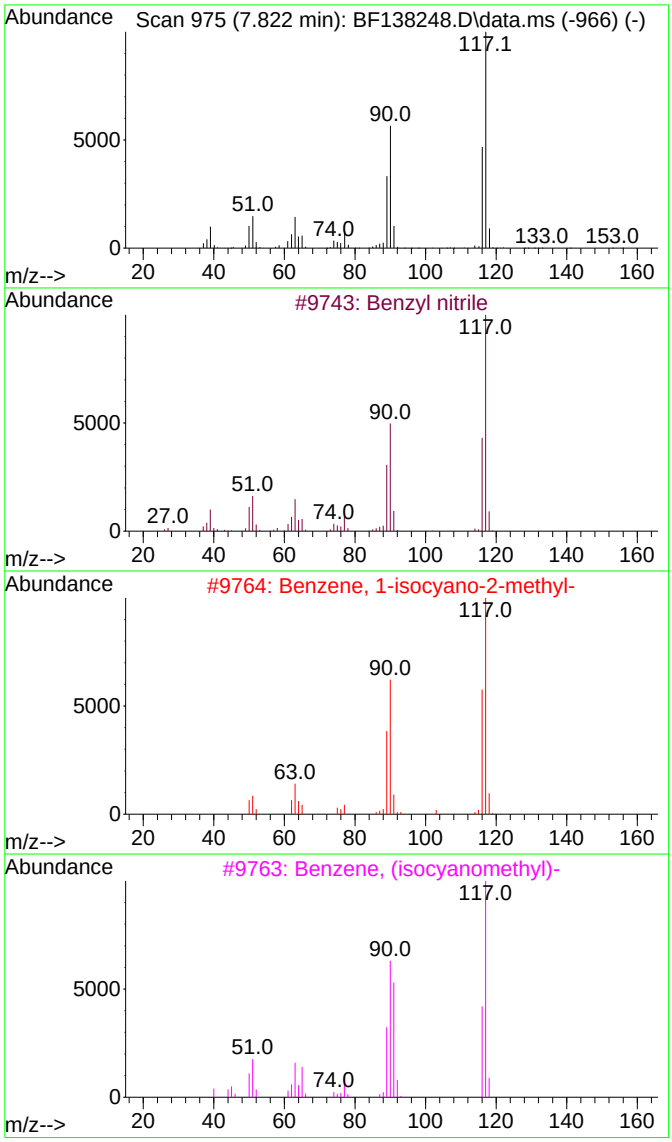
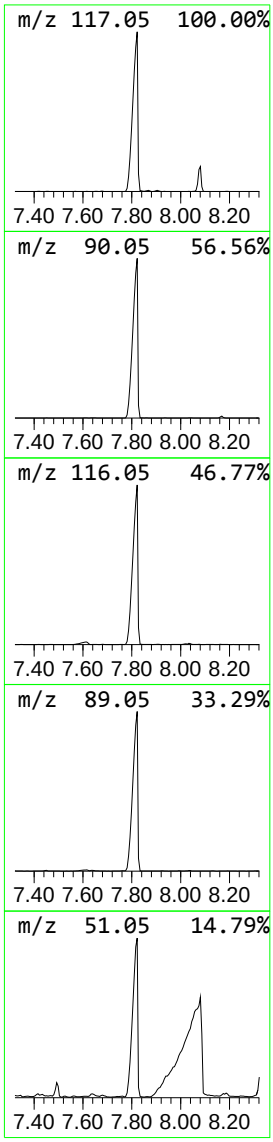
Peak Number 10 Benzyl nitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.822	99.65 ng	12205100	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl nitrile	117	C8H7N	000140-29-4	97
2	Benzene, 1-isocyano-2-methyl-	117	C8H7N	010468-64-1	97
3	Benzene, (isocyanomethyl)-	117	C8H7N	010340-91-7	94
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	93
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	91





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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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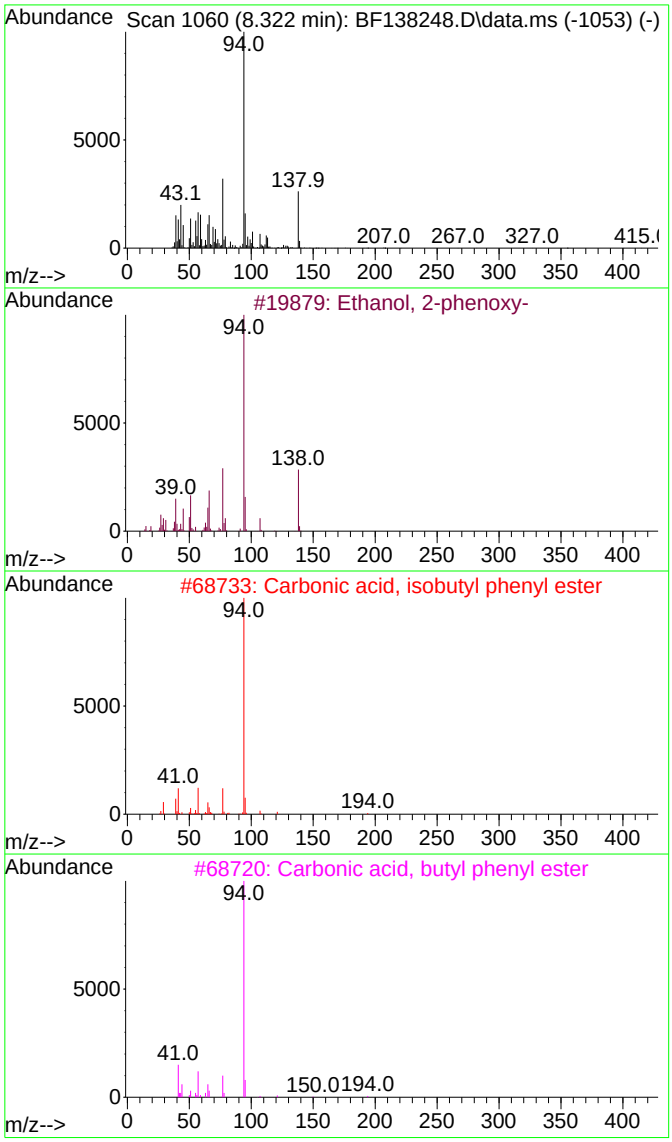
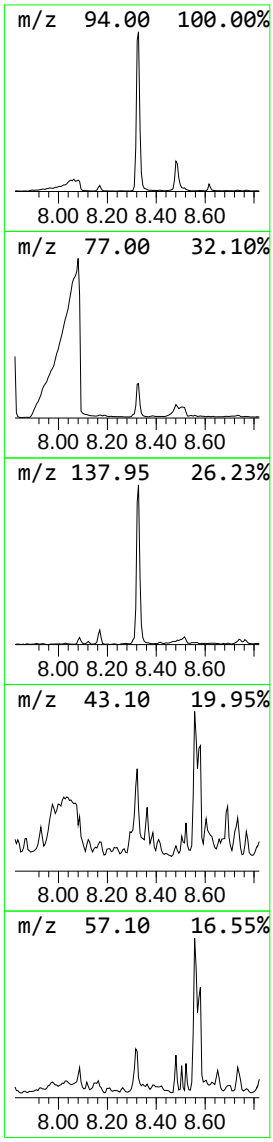
Peak Number 11 Ethanol, 2-phenoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	15.80 ng	1935580	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	95
2	Carbonic acid, isobutyl phenyl e...	194	C11H14O3	013183-18-1	50
3	Carbonic acid, butyl phenyl ester	194	C11H14O3	004824-76-4	47
4	Phenol	94	C6H6O	000108-95-2	46
5	Benzene, ethoxy-	122	C8H10O	000103-73-1	43





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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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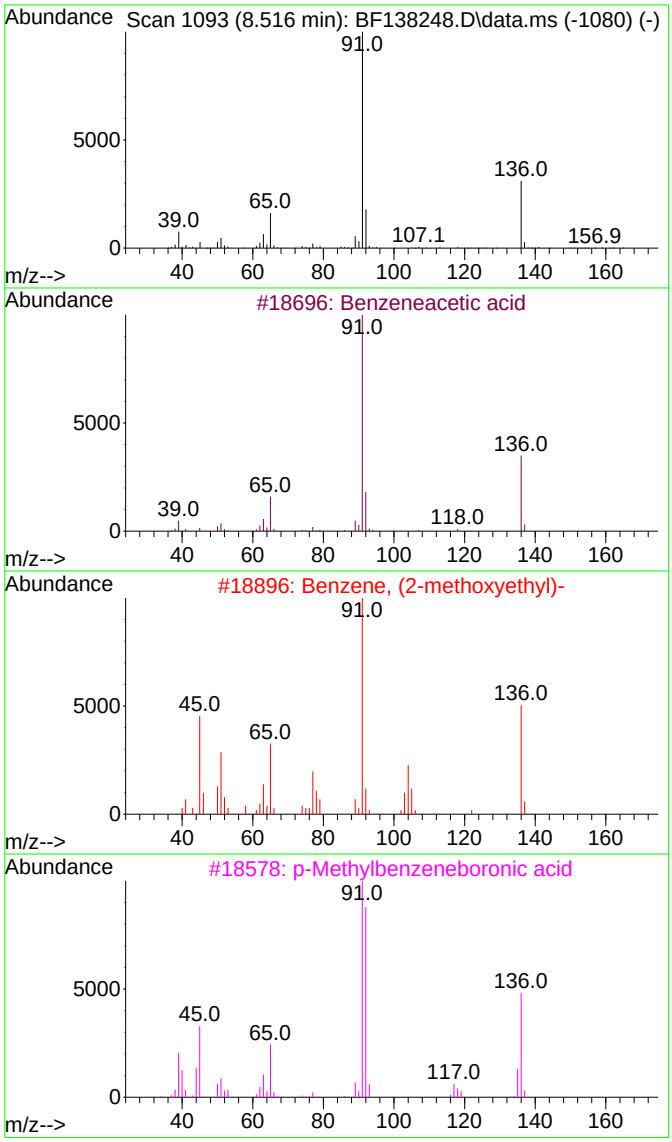
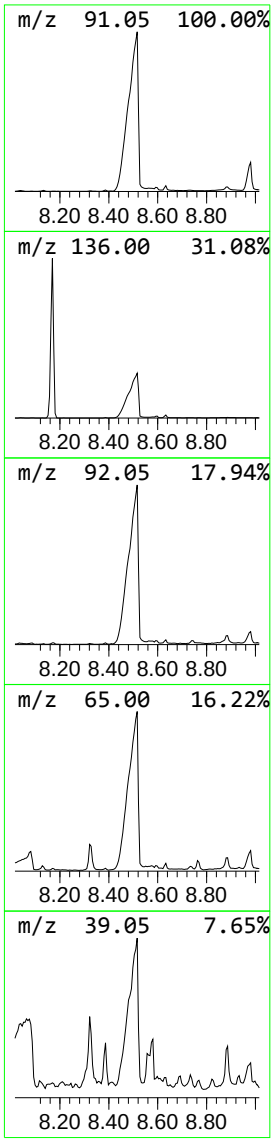
Peak Number 12 Benzeneacetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	67.12 ng	8221040	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
2	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	72
3	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	59
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	59
5	Benzyl 2-chloroethyl sulfone	218	C9H11ClO2S	066998-67-2	50





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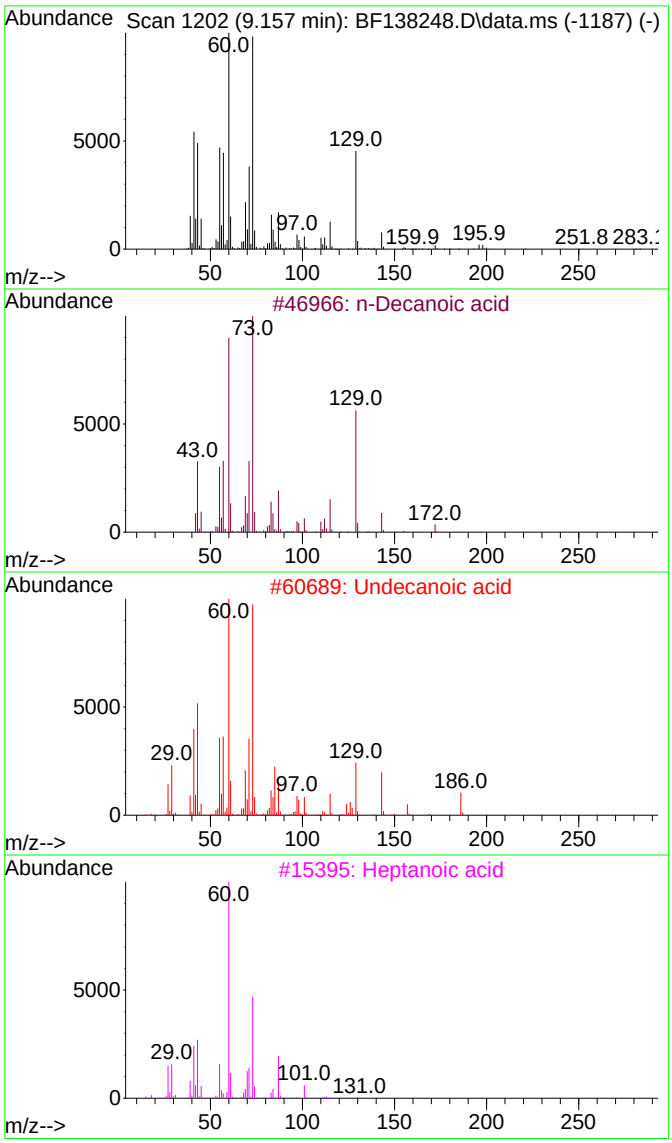
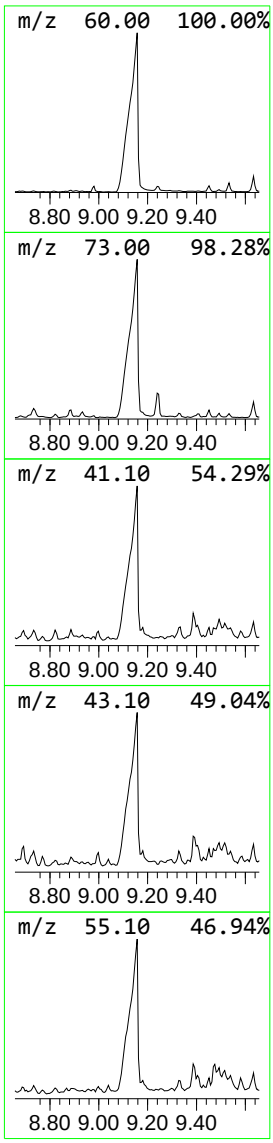
Peak Number 13 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	26.01 ng	10260900	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Heptanoic acid	130	C7H14O2	000111-14-8	47
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	Octanoic acid	144	C8H16O2	000124-07-2	38





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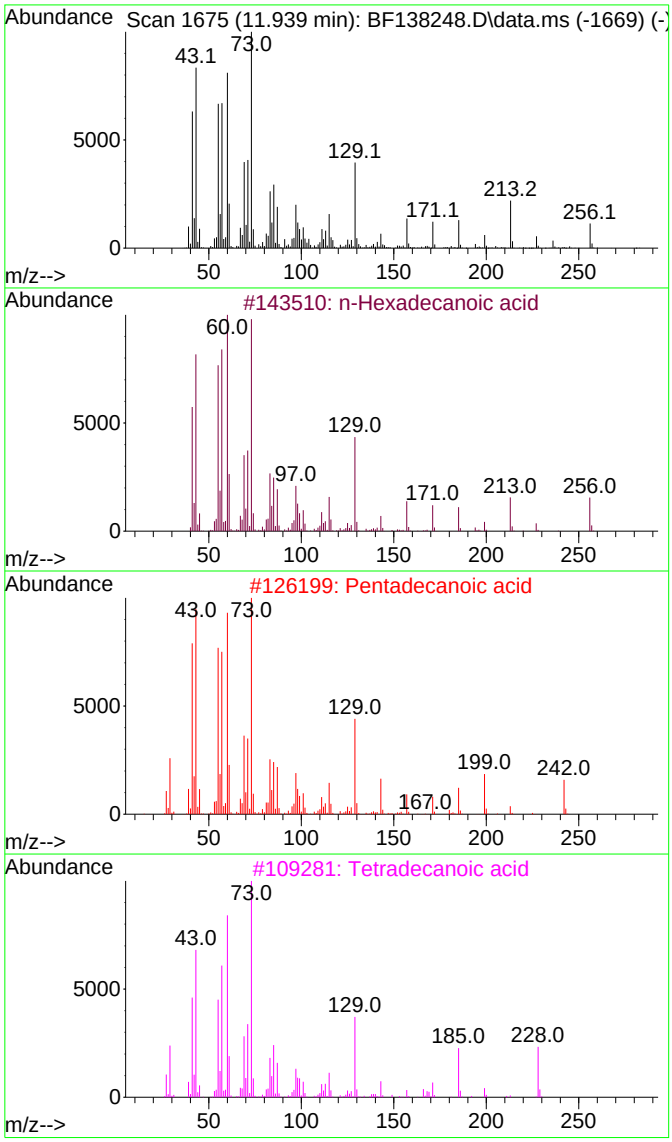
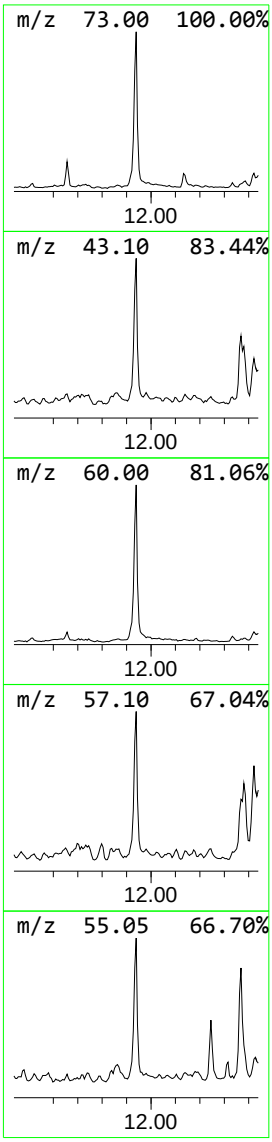
Peak Number 14 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	12.33 ng	2084170	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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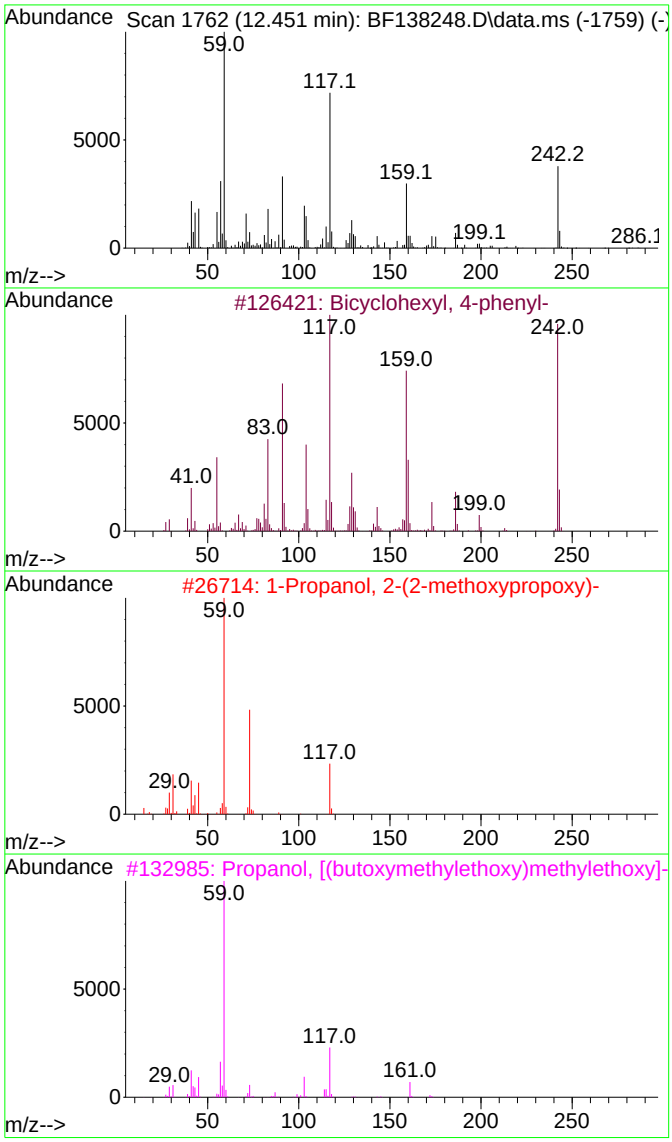
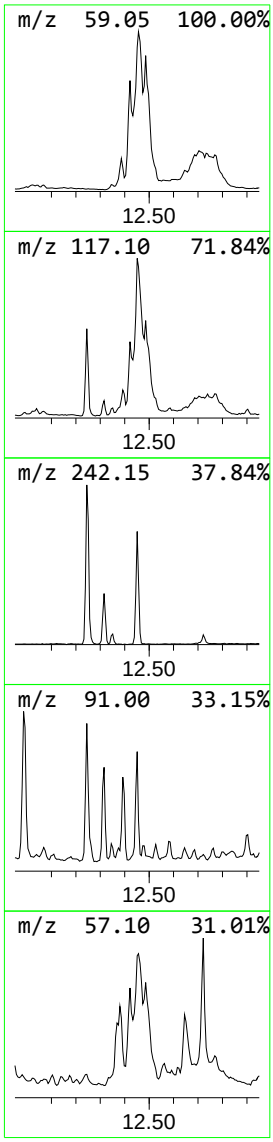
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Bicyclohexyl, 4-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	15.28 ng	2582670	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	81
2	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	43
3	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	35
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	35
5	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	35





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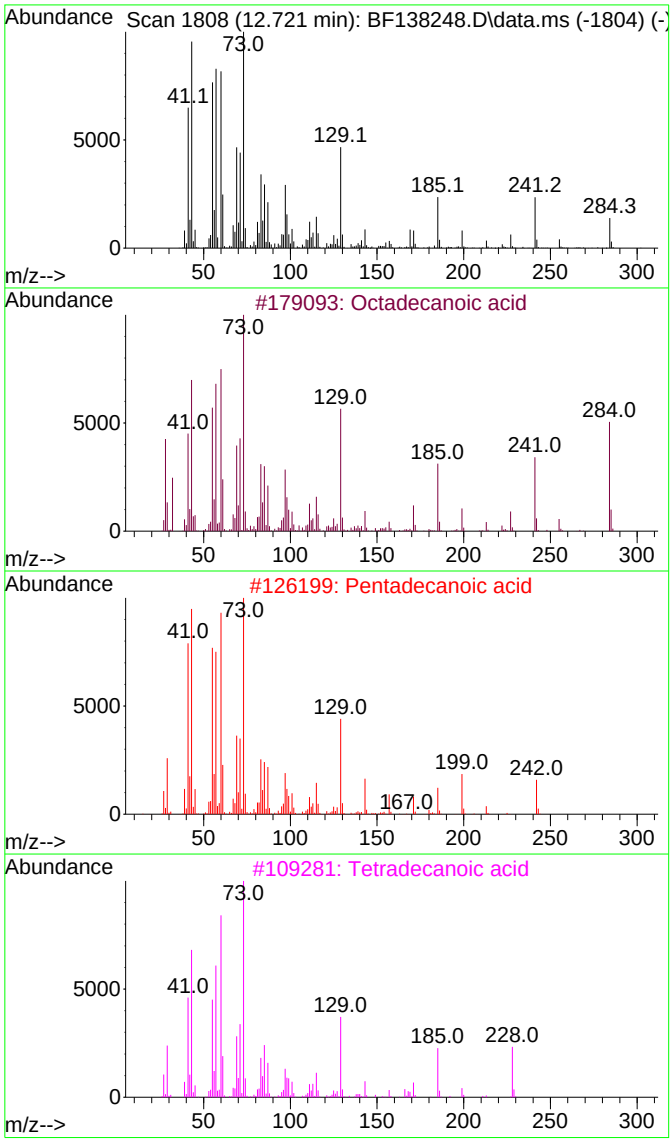
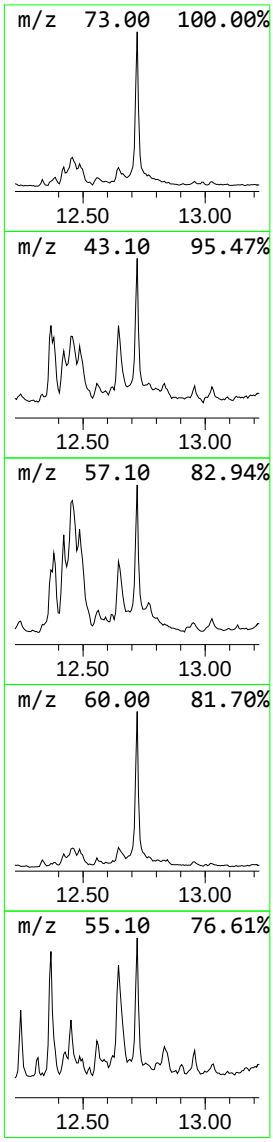
Peak Number 16 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	21.06 ng	1962260	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

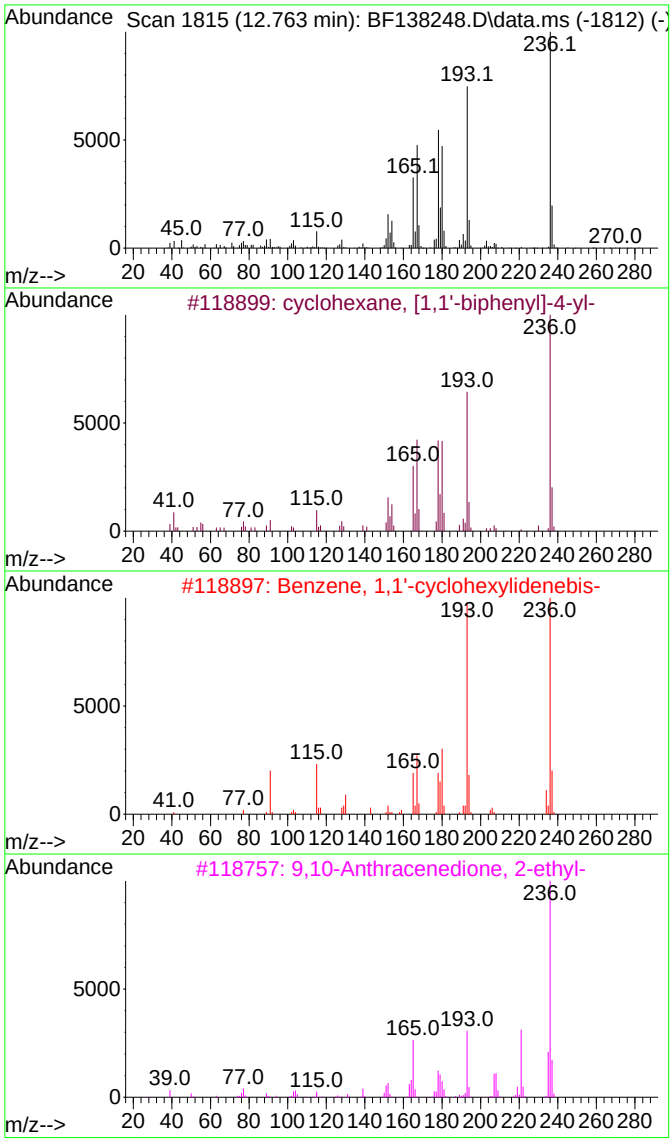
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

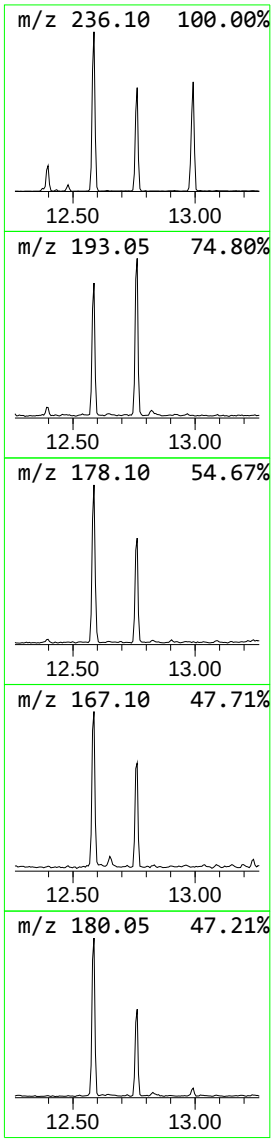
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 cyclohexane, [1,1'-biphenyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	12.11 ng	1128280	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	96
2	Benzene, 1,1'-cyclohexylidenebis-	236	C18H20	021113-55-3	59
3	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	46
4	Anthracene, 9-ethyl-9,10-dihydro...	222	C17H18	036778-20-8	30
5	(8aS,9R,10R,12aR)-10-(Dibenzylam...	416	C28H36N2O	1000482-25-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

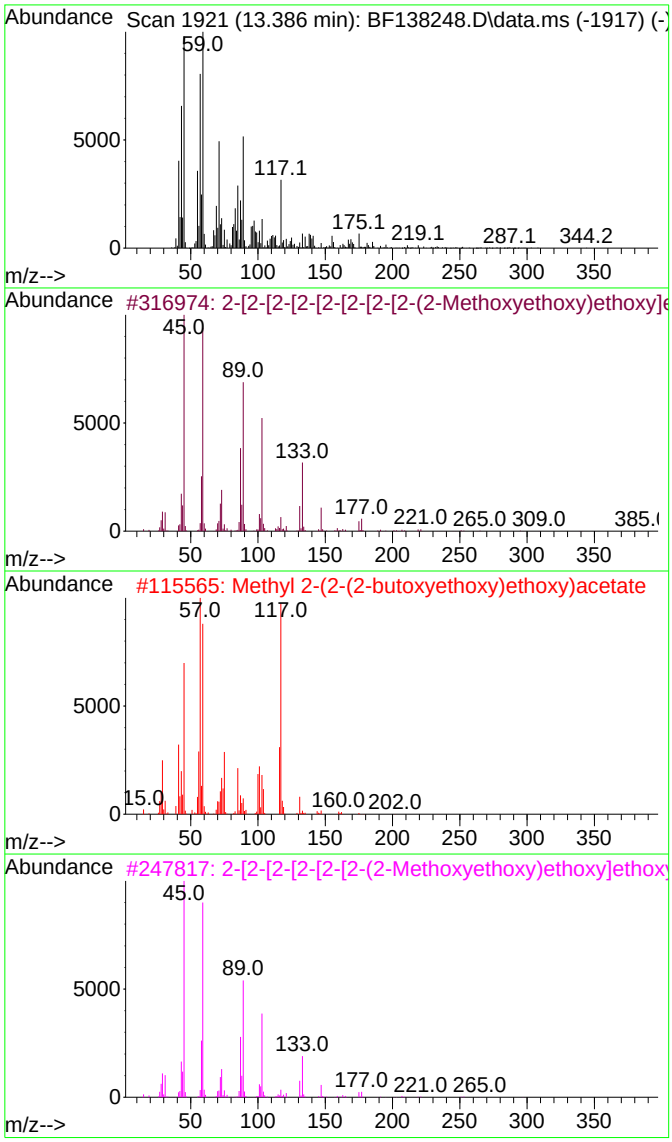
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

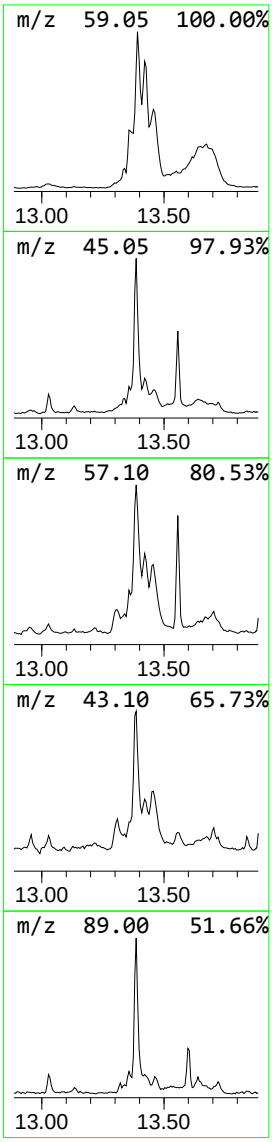
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-[2-[2-[2-[2-[2-[2-[2-(2-M... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	20.13 ng	1875200	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	006048-68-6	52
2	Methyl 2-(2-(2-butoxyethoxy)etho...	234	C11H22O5	1000366-78-0	49
3	2-[2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	004437-01-8	49
4	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	45
5	Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	38





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Data File : BF138248.D
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Sample : P2942-01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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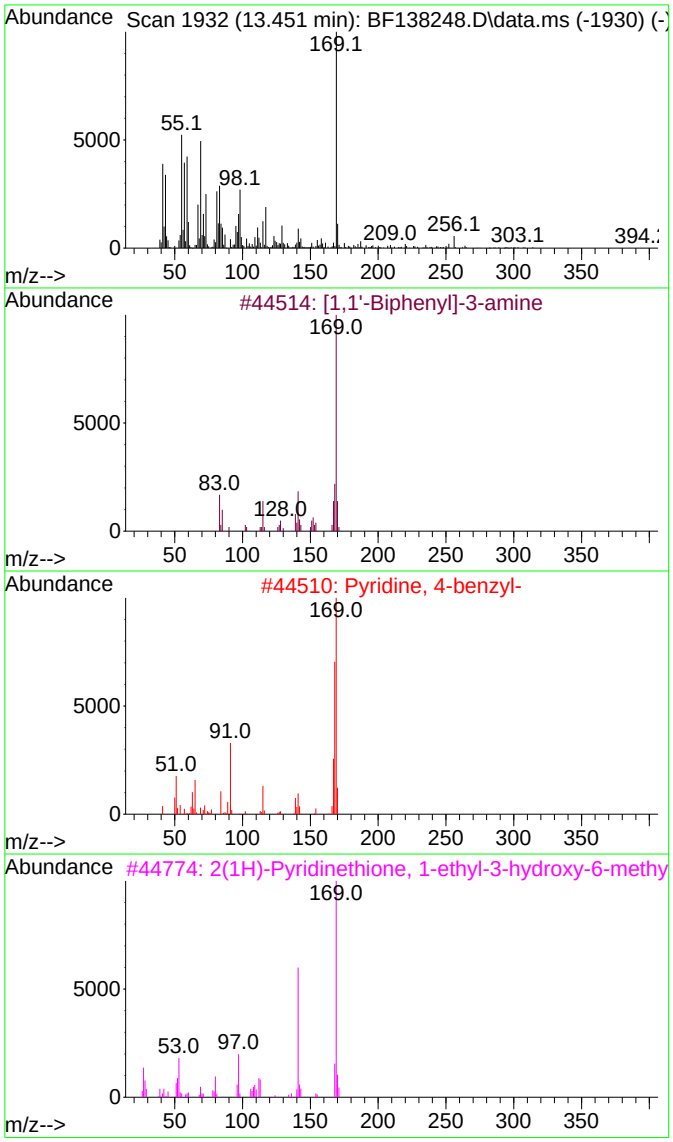
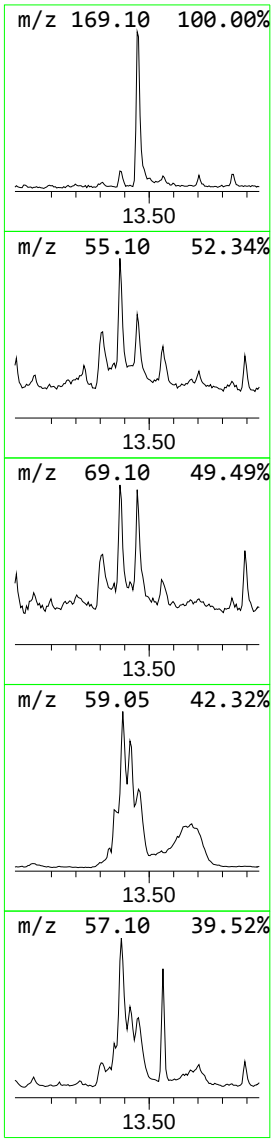
Peak Number 19 unknown13.451 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	15.72 ng	1464760	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	47
2	Pyridine, 4-benzyl-	169	C12H11N	002116-65-6	38
3	2(1H)-Pyridinethione, 1-ethyl-3-...	169	C8H11NOS	024207-15-6	38
4	Quinoline-5-carbonitrile, 6-amino-	169	C10H7N3	1000317-01-9	38
5	Pyridine, 3-(4-methylphenyl)-	169	C12H11N	1000380-56-0	38





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Data File : BF138248.D
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Sample : P2942-01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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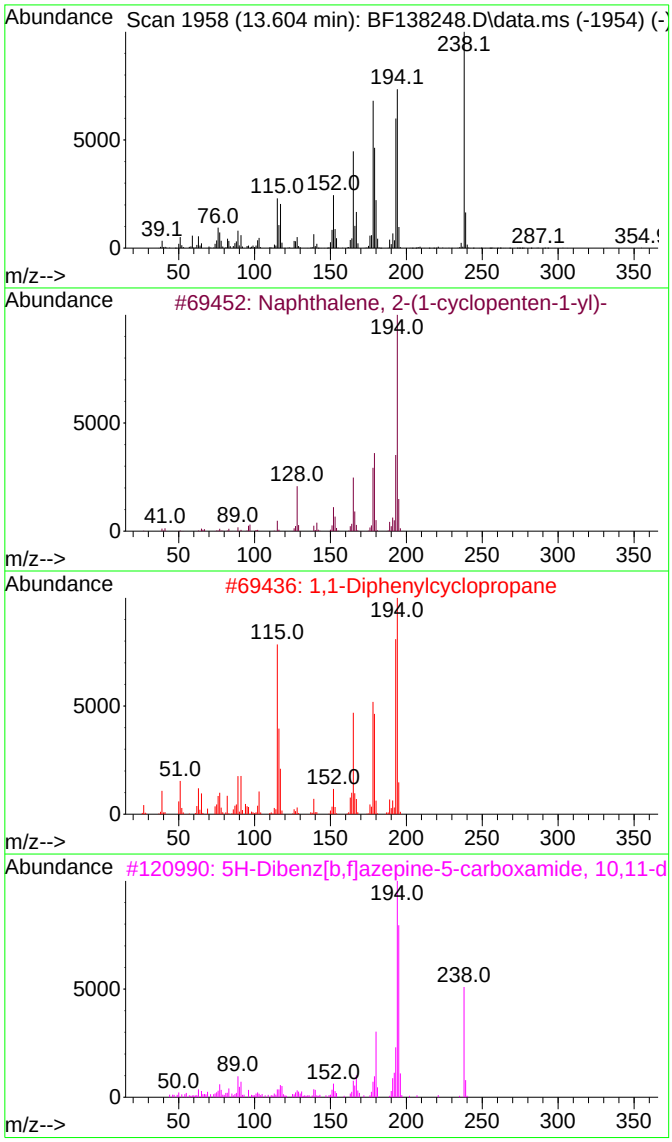
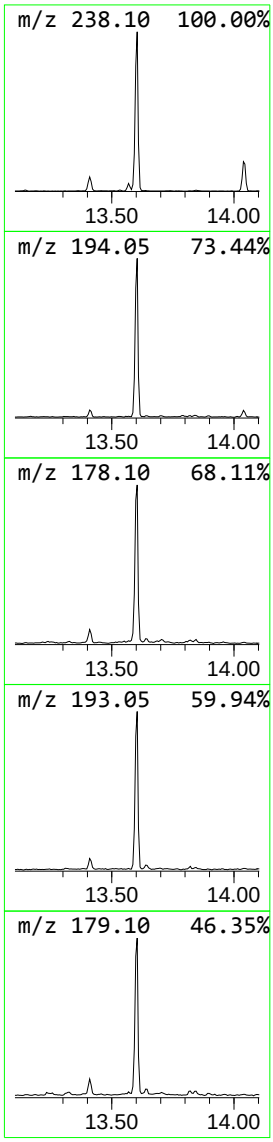
Peak Number 20 unknown13.604 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	14.88 ng	1386670	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-cyclopenten-1-...	194	C15H14	074793-18-3	49
2	1,1-Diphenylcyclopropane	194	C15H14	003282-18-6	46
3	5H-Dibenz[b,f]azepine-5-carboxam...	238	C15H14N2O	003564-73-6	43
4	Naphthalene, 1-(1-cyclopenten-1-...	194	C15H14	058195-37-2	38
5	Bicyclo[4.2.1]nona-2,4,7-triene,...	194	C15H14	1000164-41-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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...	2.187	105.4	ng	9299650	1	6.886	1764880	20.0
Butanenitrile, ...	3.075	107.8	ng	9516490	1	6.886	1764880	20.0
Butanenitrile, ...	3.310	154.1	ng	13598600	1	6.886	1764880	20.0
1-Butanol, 3-me...	3.381	34.6	ng	3053390	1	6.886	1764880	20.0
1-Butanol, 2-me...	3.457	15.8	ng	1390690	1	6.886	1764880	20.0
Butanoic acid, ...	5.639	14.6	ng	1291470	1	6.886	1764880	20.0
Benzonitrile	6.633	15.2	ng	1340920	1	6.886	1764880	20.0
1-Hexanol, 2-et...	6.963	40.5	ng	3576370	1	6.886	1764880	20.0
Ethane, 2,2-dic...	7.645	17.9	ng	2198450	2	8.169	2449570	20.0
Benzyl nitrile	7.822	99.7	ng	12205100	2	8.169	2449570	20.0
Ethanol, 2-phen...	8.322	15.8	ng	1935580	2	8.169	2449570	20.0
Benzeneacetic acid	8.516	67.1	ng	8221040	2	8.169	2449570	20.0
n-Decanoic acid	9.157	26.0	ng	10260900	3	9.922	7891320	20.0
n-Hexadecanoic ...	11.939	12.3	ng	2084170	4	11.404	3380650	20.0
Bicyclohexyl, 4...	12.451	15.3	ng	2582670	4	11.404	3380650	20.0
Octadecanoic acid	12.721	21.1	ng	1962260	5	14.039	1863210	20.0
cyclohexane, [1...	12.762	12.1	ng	1128280	5	14.039	1863210	20.0
2-[2-[2-[2-[2-[...	13.386	20.1	ng	1875200	5	14.039	1863210	20.0
unknown13.451	13.451	15.7	ng	1464760	5	14.039	1863210	20.0
unknown13.604	13.604	14.9	ng	1386670	5	14.039	1863210	20.0