LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-1024

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130865.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	19	25	31	rVB	566888	713623	11.45%	0.988%
2	5.163	519	523	530	rVB	191934	215255	3.45%	0.298%
3	5.557	584	590	593	rBV	1589892	1446147	23.20%	2.001%
4	6.557	756	760	763	rVV	1457026	1343444	21.56%	1.859%
5	6.945	823	826	829	rVB2	695035	586602	9.41%	0.812%
6	7.216	866	872	875	rVB4	164443	178717	2.87%	0.247%
7	7.475	911	916	918	rVV2	214206	272345	4.37%	0.377%
8	7.504	918	921	925	rVV	908404	910017	14.60%	1.259%
9	7.586	930	935	938	rBV4	202061	315694	5.07%	0.437%
10	7.639	938	944	949	rBV5	134187	280495	4.50%	0.388%
11	7.822	971	975	977	rBV2	128676	159342	2.56%	0.221%
12	7.869	981	983	986	rVV3	268618	264892	4.25%	0.367%
13	7.898	986	988	992	rVB3	141292	157622	2.53%	0.218%
14	7.969	997	1000	1002	rVV3	238502	232267	3.73%	0.321%
15	8.098	1019	1022	1025	rBV2	198155	197872	3.17%	0.274%
16	8.204	1038	1040	1042	rVV	373585	368503	5.91%	0.510%
17	8.233	1042	1045	1047	rVV	653838	654810	10.51%	0.906%
18	8.281	1050	1053	1056	rVB	856484	806257	12.94%	1.116%
19	8.316	1056	1059	1061	rBV3	279671	314275	5.04%	0.435%
20	8.433	1076	1079	1082	rVB2	209284	222135	3.56%	0.307%
21	8.516	1090	1093	1098	rVB5	453880	589902	9.46%	0.816%
22	8.569	1099	1102	1106	rBV4	207292	241541	3.88%	0.334%
23	8.604	1106	1108	1112	rVB3	188115	235236	3.77%	0.326%
24	8.645	1112	1115	1117	rBV	1376242	1078934	17.31%	1.493%
25	8.733	1128	1130	1132	rBV	342651	265412	4.26%	0.367%
26	8.769	1132	1136	1138	rVV3	232001	245959	3.95%	0.340%
27	8.816	1141	1144	1148	rVV	565396	448851	7.20%	0.621%
28	8.851	1148	1150	1153	rBV3	114760	175061	2.81%	0.242%
29	8.916	1158	1161	1164	rVV2	417493	491175	7.88%	0.680%
30	8.945	1164	1166	1168	rVV2	268451	200302	3.21%	0.277%
31	8.975	1169	1171	1174	rVB3	196678	165978	2.66%	0.230%
32	9.010	1174	1177	1179	rBV4	221879	294273	4.72%	0.407%
33	9.051	1181	1184	1186	rVV2	303026	348298	5.59%	0.482%
34	9.098	1190	1192	1193	rVV2	253215	213158	3.42%	0.295%
35	9.139	1196	1199	1202	rVV3	344159	481229	7.72%	0.666%
36	9.180	1202	1206	1210	rVV5	237877	377665	6.06%	0.523%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.222	1211	1213	1215	rVV2	303595	274118	4.40%	0.379%
38	9.251	1215	1218	1224	rVB	1454277	1434141	23.01%	1.985%
39	9.304	1224	1227	1232	rVB	1344720	1287433	20.66%	1.782%
40	9.386	1237	1241	1244	rVV	1131258	1249634	20.05%	1.729%
41	9.422	1246	1247	1249	rVV2	251855	233704	3.75%	0.323%
42	9.457	1252	1253	1256	rVV	275694	206200	3.31%	0.285%
43	9.504	1258	1261	1264	rVB3	219070	207133	3.32%	0.287%
44	9.575	1270	1273	1278	rBV3	328925	424748	6.81%	0.588%
45	9.622	1278	1281	1282	rBV3	180835	169052	2.71%	0.234%
46	9.645	1282	1285	1287	rBV2	395836	349683	5.61%	0.484%
47	9.704	1292	1295	1298	rVV3	1927260	1990016	31.93%	2.754%
48	9.763	1302	1305	1307	rBV2	352523	329857	5.29%	0.457%
49	9.810	1311	1313	1315	rVB	275407	202181	3.24%	0.280%
50	9.857	1318	1321	1323	rBV2	351436	334852	5.37%	0.463%
51	9.916	1326	1331	1335	rVB2	821997	914344	14.67%	1.265%
52	9.957	1335	1338	1339	rBV2	183437	189194	3.04%	0.262%
53	9.992	1342	1344	1346	rVB	568435	430318	6.90%	0.596%
54	10.022	1347	1349	1352	rBV	400611	374133	6.00%	0.518%
55	10.092	1358	1361	1366	rBV3	277153	348900	5.60%	0.483%
56	10.145	1366	1370	1373	rBV4	247986	448937	7.20%	0.621%
57	10.174	1373	1375	1377	rBV	329791	343056	5.50%	0.475%
58	10.233	1382	1385	1390	rVV3	532802	641734	10.30%	0.888%
59	10.310	1395	1398	1400	rBV2	325444	305279	4.90%	0.423%
60	10.333	1400	1402	1404	rVV2	202209	172237	2.76%	0.238%
61	10.357	1404	1406	1409	rVB3	239098	243105	3.90%	0.336%
62	10.416	1409	1416	1419	rBV2	994122	1164140	18.68%	1.611%
63	10.445	1419	1421	1424	rBV2	202469	223986	3.59%	0.310%
64	10.539	1434	1437	1440	rBV2	473736	496128	7.96%	0.687%
65	10.639	1450	1454	1459	rVB	1353291	1521579	24.41%	2.106%
66	10.780	1476	1478	1481	rVB	859052	621007	9.96%	0.859%
67	10.910	1494	1500	1503	rBV	2378342	2786163	44.70%	3.856%
68	11.086	1527	1530	1532	rBV3	238070	239033	3.84%	0.331%
69	11.121	1533	1536	1538	rVB3	318014	296445	4.76%	0.410%
70	11.345	1571	1574	1576	rBV	647499	551897	8.86%	0.764%
71	11.374	1576	1579	1585	rVB2	1648282	1745252	28.00%	2.415%
72	11.486	1595	1598	1600	rBV2	638869	708272	11.36%	0.980%
73	11.521	1600	1604	1606	rVV	3757950	3597158	57.72%	4.978%
74	11.569	1609	1612	1614	rVB	1111624	979490	15.72%	1.356%
75	11.598	1614	1617	1619	rBV2	163665	177915	2.85%	0.246%
76	11.721	1634	1638	1644	rBV2	553868	724832	11.63%	1.003%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.769	1644	1646	1650	rVB	566979	489492	7.85%	0.677%
78	11.992	1681	1684	1685	rBV	388251	351799	5.64%	0.487%
79	12.016	1686	1688	1692	rVB	583846	574693	9.22%	0.795%
80	12.068	1695	1697	1699	rBV	202556	166250	2.67%	0.230%
81	12.104	1700	1703	1706	rBV	905336	964178	15.47%	1.334%
82	12.180	1714	1716	1719	rBV	500340	400390	6.42%	0.554%
83	12.286	1731	1734	1736	rBV	388541	306629	4.92%	0.424%
84	12.463	1762	1764	1767	rBV	347934	337101	5.41%	0.467%
85	12.574	1780	1783	1787	rBV2	488431	461067	7.40%	0.638%
86	12.674	1798	1800	1802	rBV2	240002	247980	3.98%	0.343%
87	12.721	1802	1808	1811	rVV	4769101	6015451	96.52%	8.325%
88	12.951	1840	1847	1850	rBV3	3872741	6232556	100.00%	8.626%
89	13.057	1862	1865	1866	rBV	614850	542531	8.70%	0.751%
90	13.074	1866	1868	1871	rVB	1054755	977720	15.69%	1.353%
91	13.151	1877	1881	1885	rBV3	388661	770736	12.37%	1.067%
92	13.268	1898	1901	1904	rVB2	1142449	1051749	16.88%	1.456%
93	13.304	1904	1907	1909	rBV	273127	276049	4.43%	0.382%
94	13.333	1909	1912	1915	rBV	1237907	1255508	20.14%	1.738%
95	13.398	1921	1923	1925	rVB	326879	230358	3.70%	0.319%
96	13.886	2004	2006	2009	rBV	400521	358852	5.76%	0.497%
97	13.915	2009	2011	2013	rVB	350927	254926	4.09%	0.353%
98	14.139	2045	2049	2052	rBV2	2049868	2519499	40.42%	3.487%
99	14.174	2052	2055	2061	rVB	2131185	2049055	32.88%	2.836%
100	15.227	2230	2234	2236	rBV	714170	989582	15.88%	1.370%

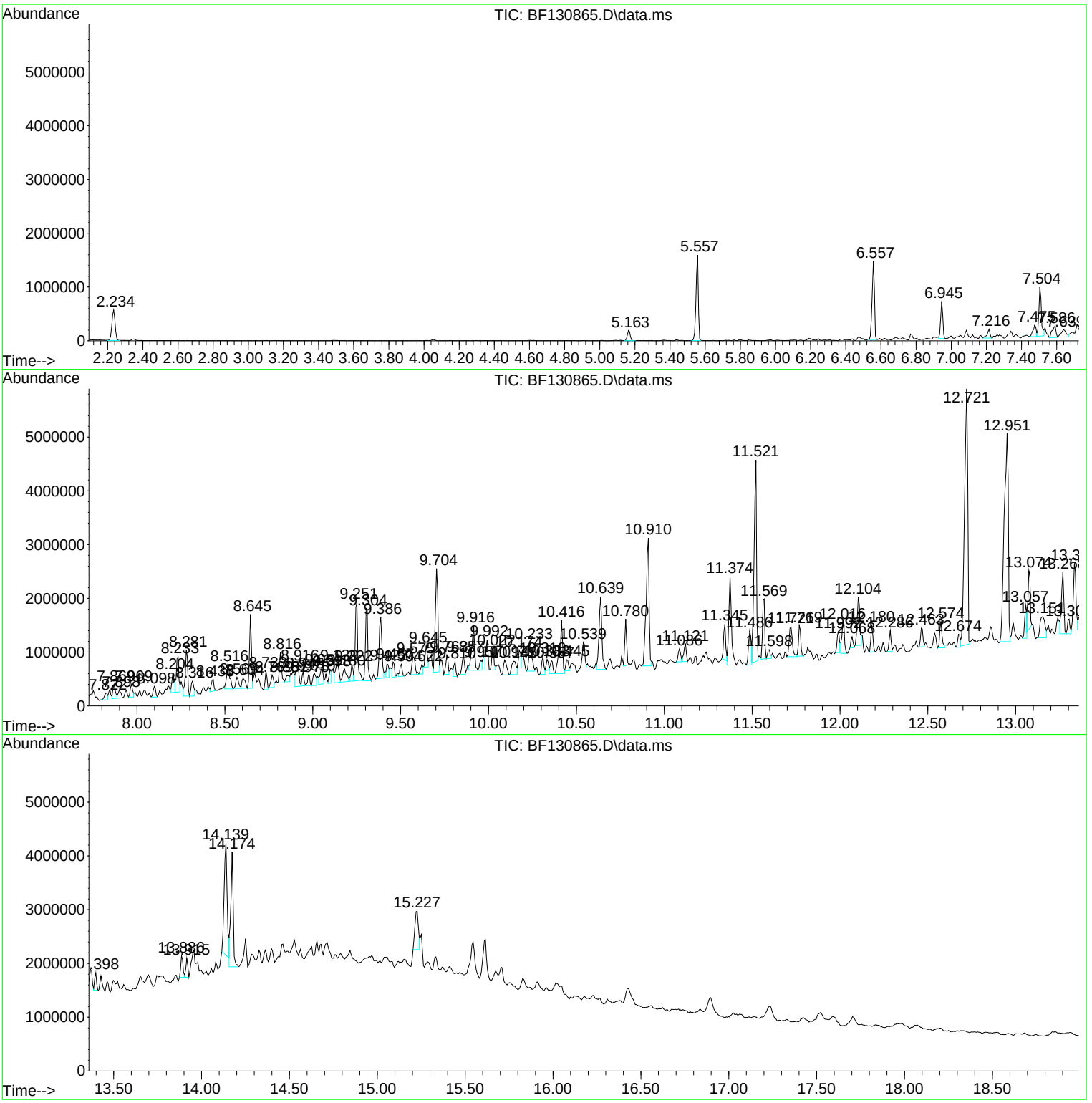
Sum of corrected areas: 72254725

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP2-1024

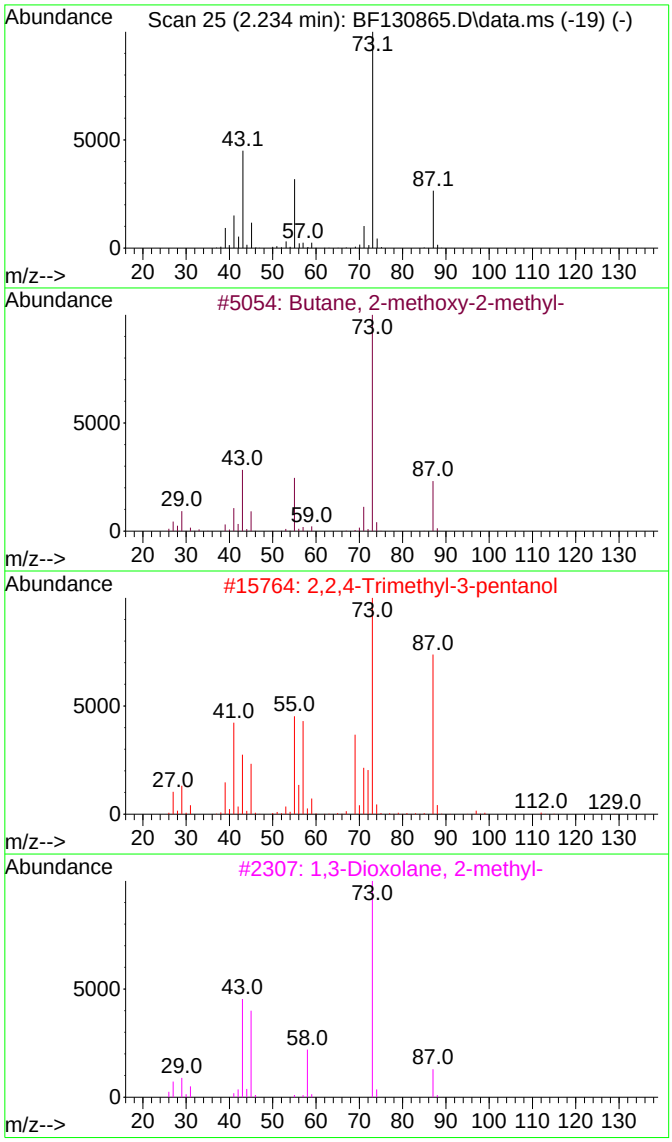
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

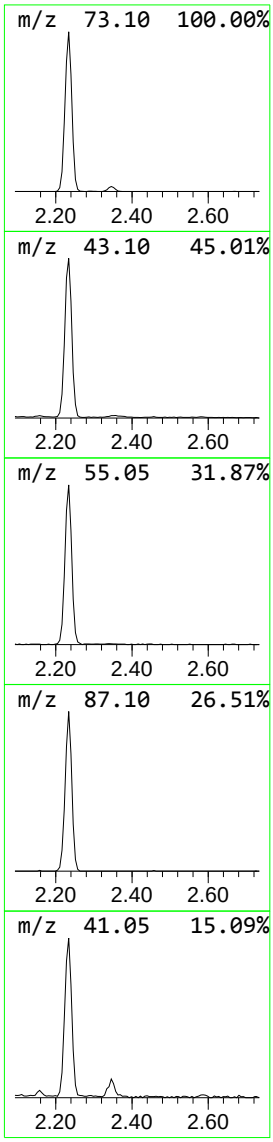
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	24.33 ng	713623	1,4-Dichlorobenzene-d4	6.945

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	32
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

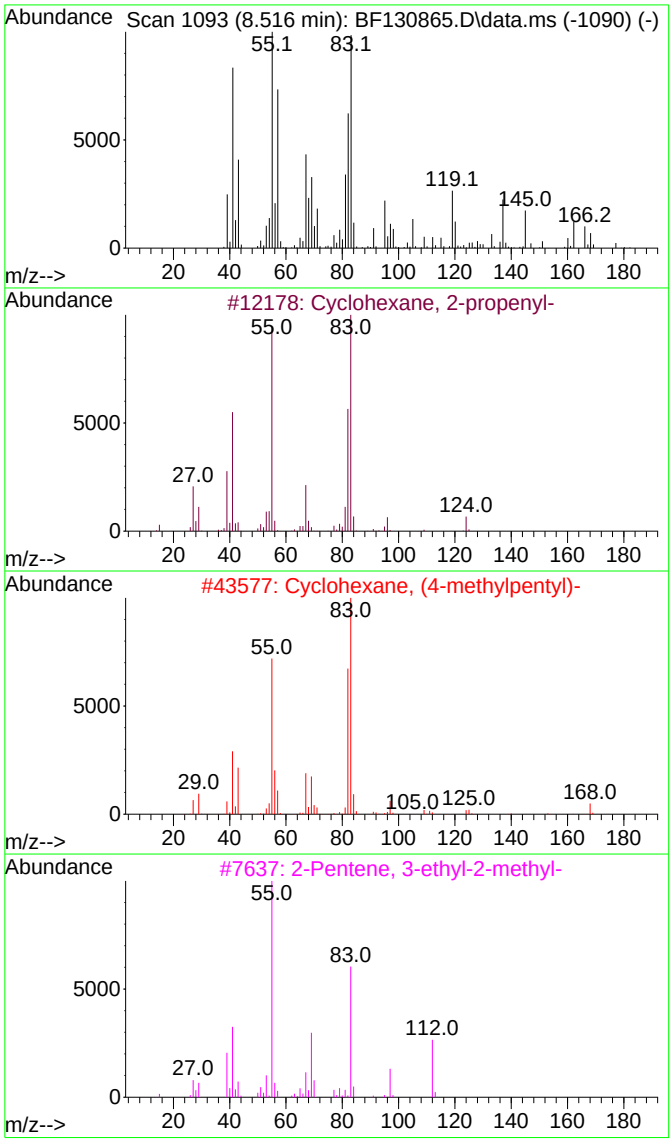
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

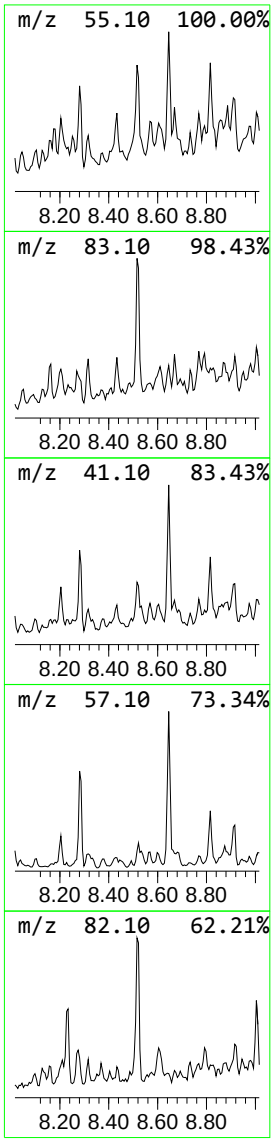
****

Peak Number 2 unknown8.516 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	18.02 ng	589902	Naphthalene-d8	8.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	38
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

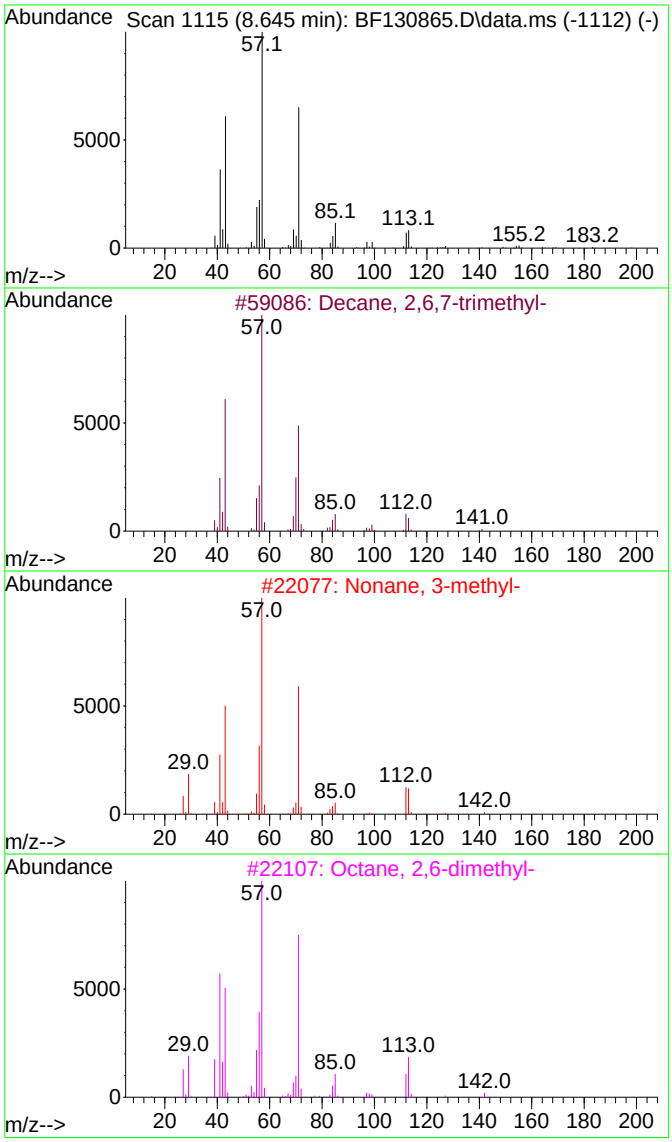
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

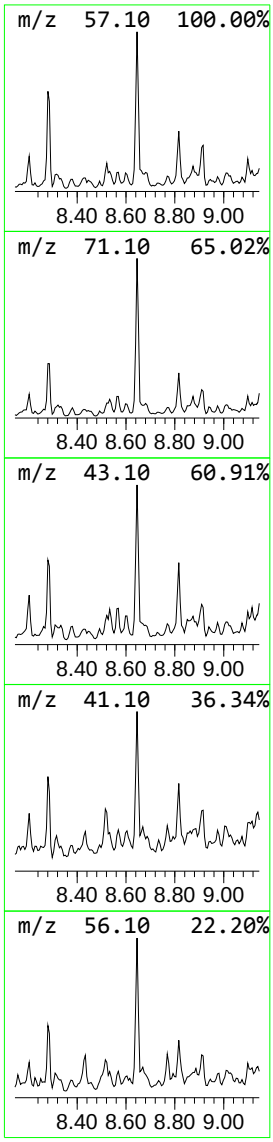
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	32.95 ng	1078930	Naphthalene-d8	8.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

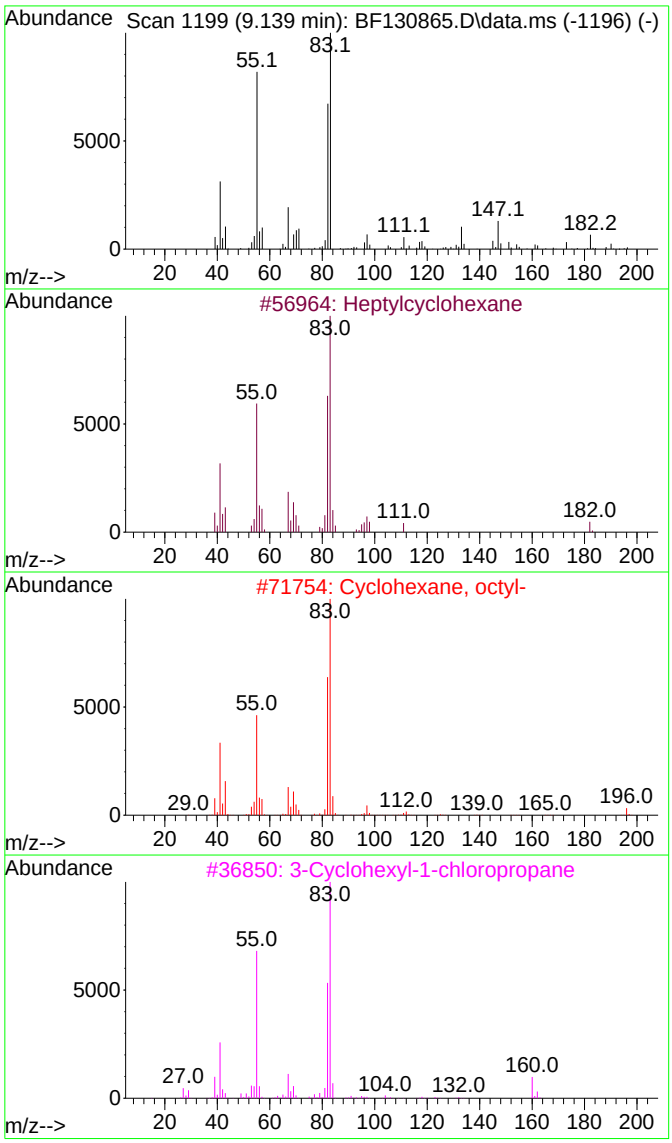
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

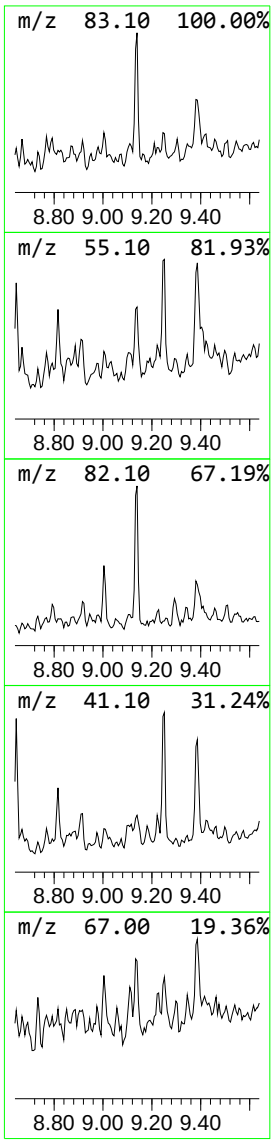
****

Peak Number 4 Heptylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.139	22.37 ng	481229	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	59
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
5	Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

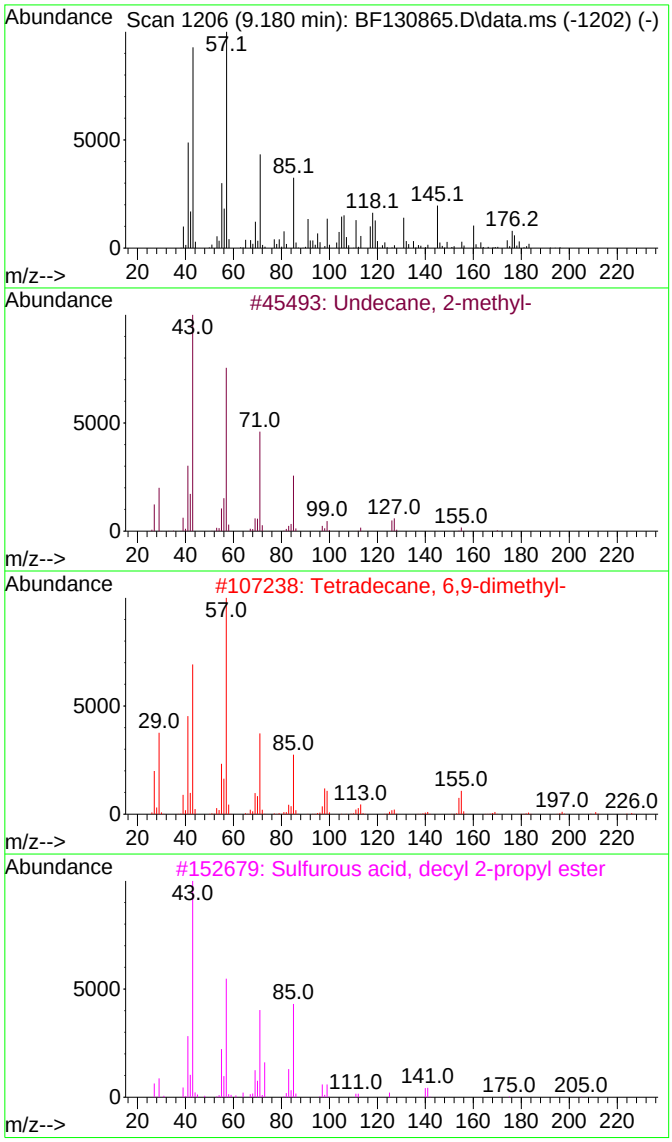
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

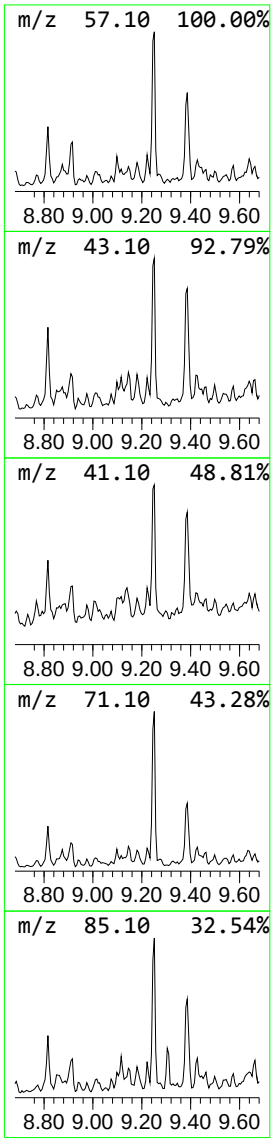
****

Peak Number 5 unknown9.180 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.180	17.55 ng	377665	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	30
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	27
3	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	27
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	27
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	27





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Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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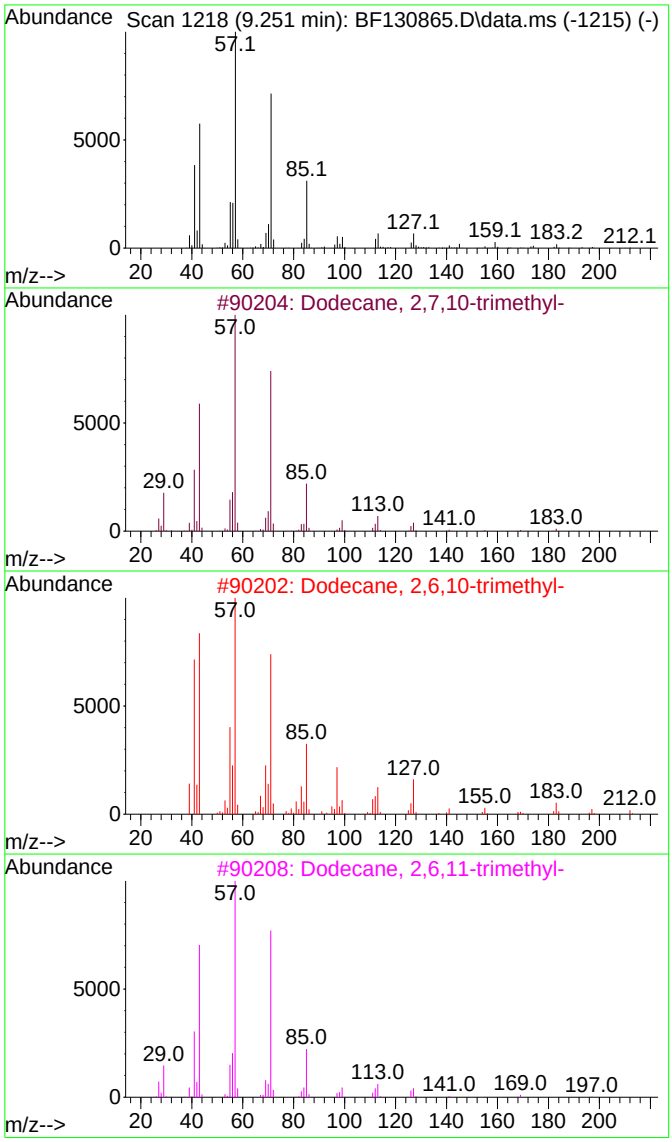
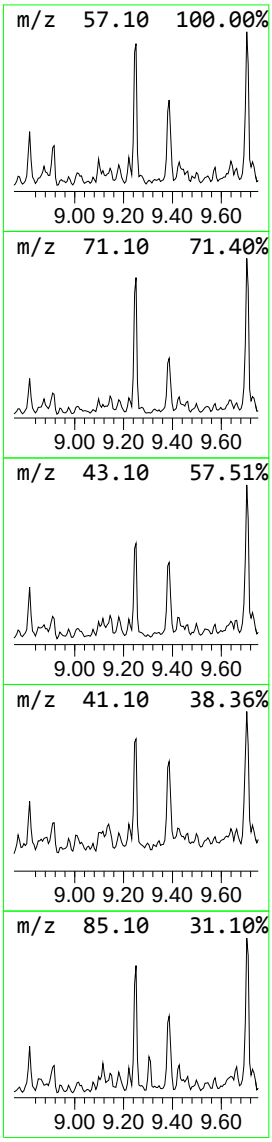
Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	66.65 ng	1434140	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	70





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Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

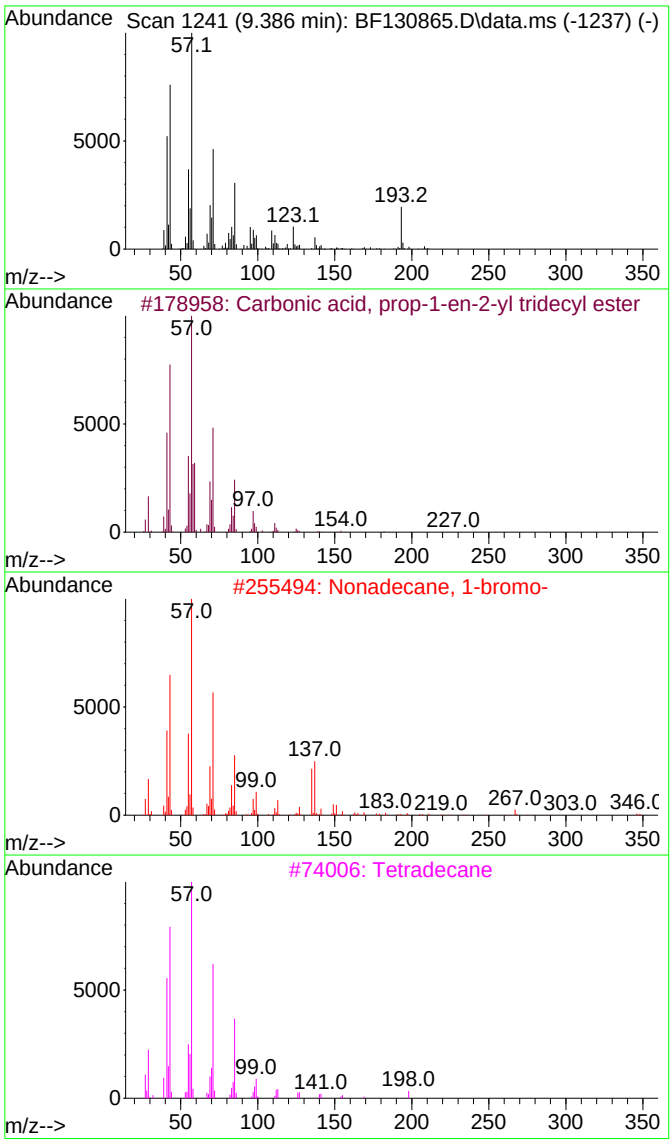
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

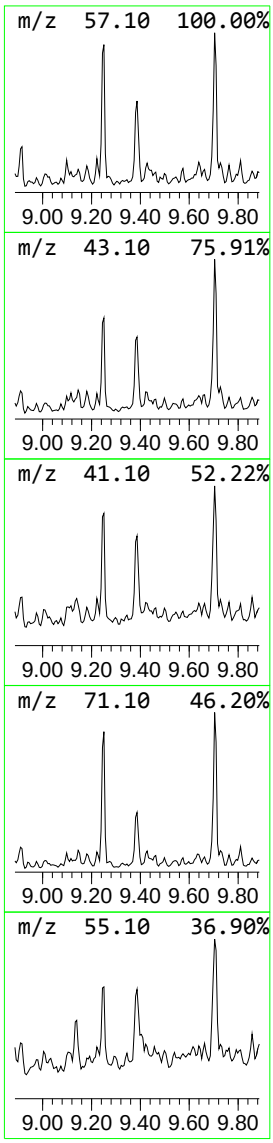
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Carbonic acid, prop-1-en-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	58.08 ng	1249630	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	53
2	Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	50
3	Tetradecane	198	C14H30	000629-59-4	49
4	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	49
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49





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Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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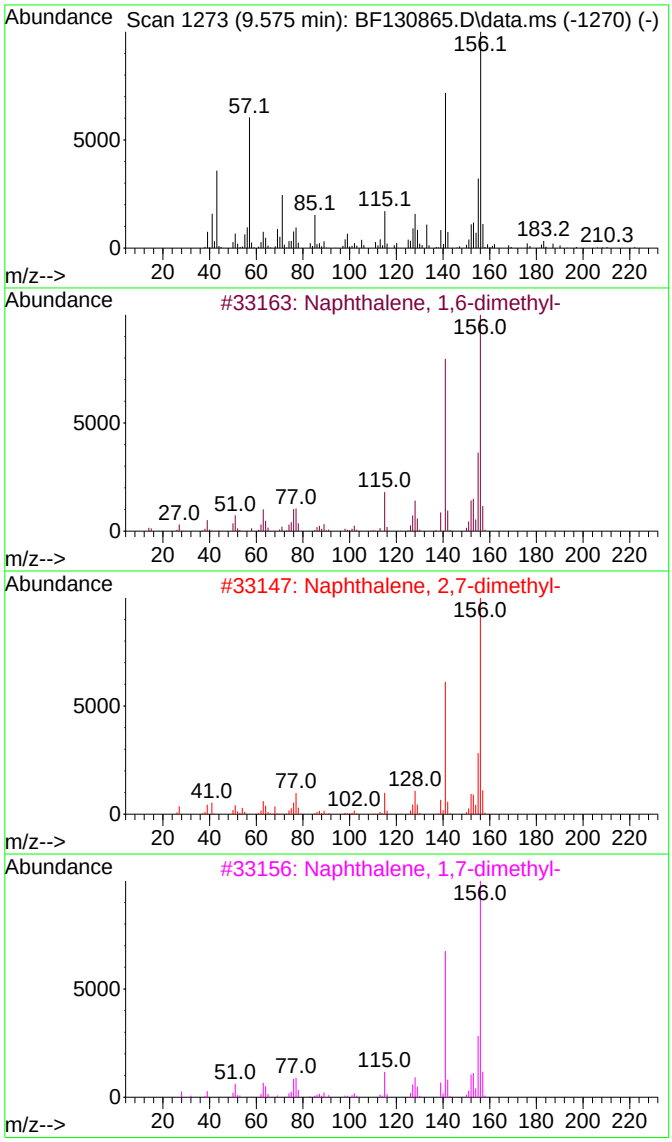
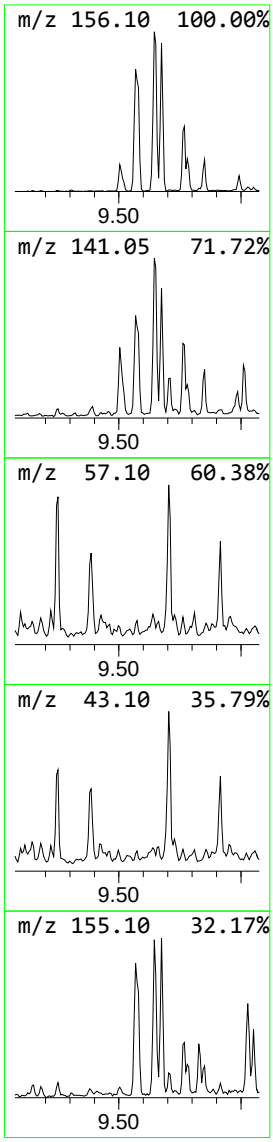
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	19.74 ng	424748	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





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Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

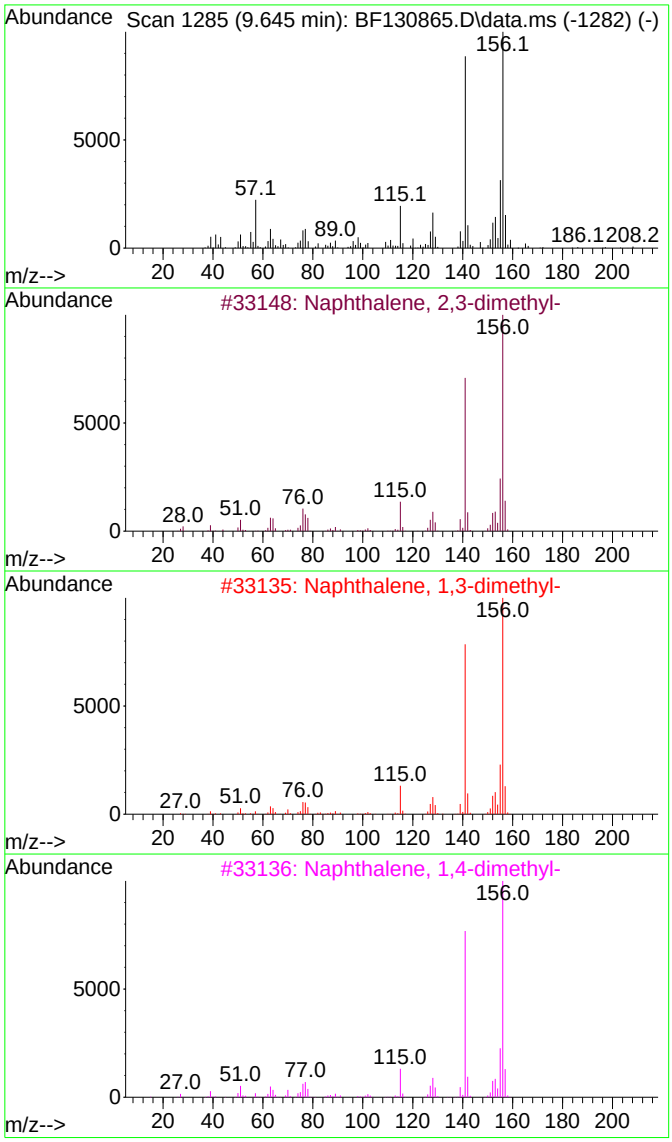
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

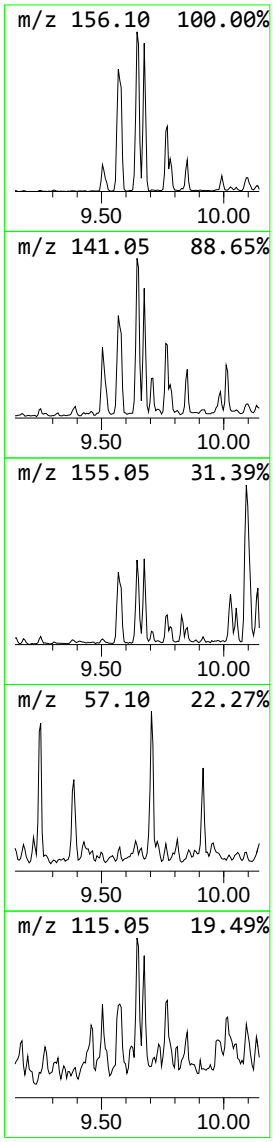
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	16.25 ng	349683	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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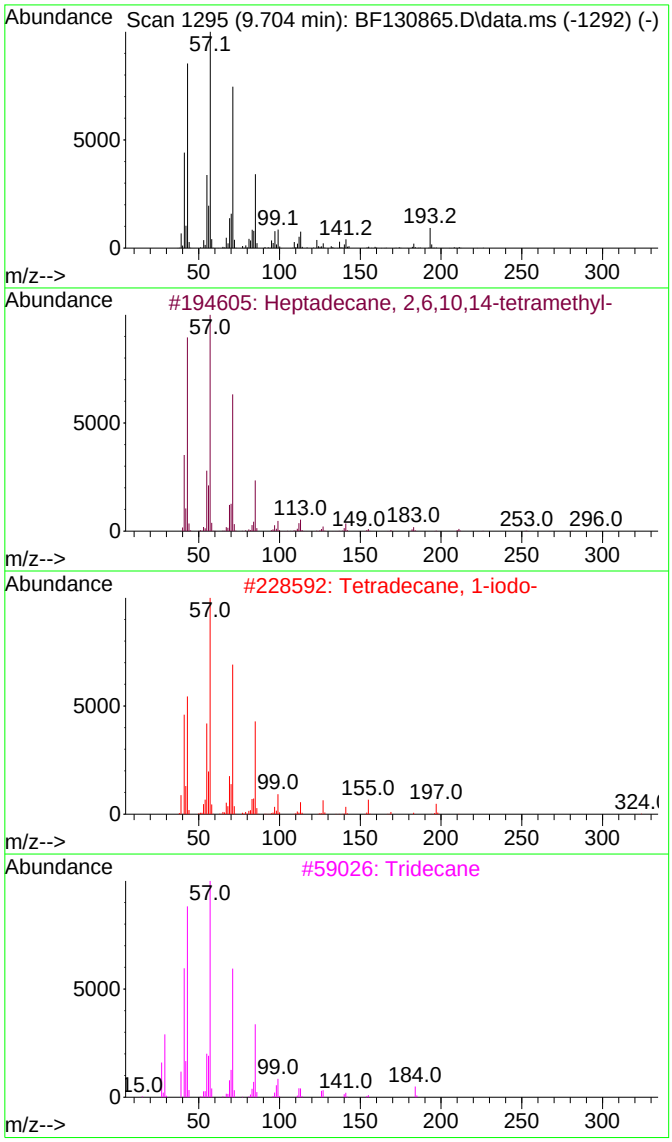
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

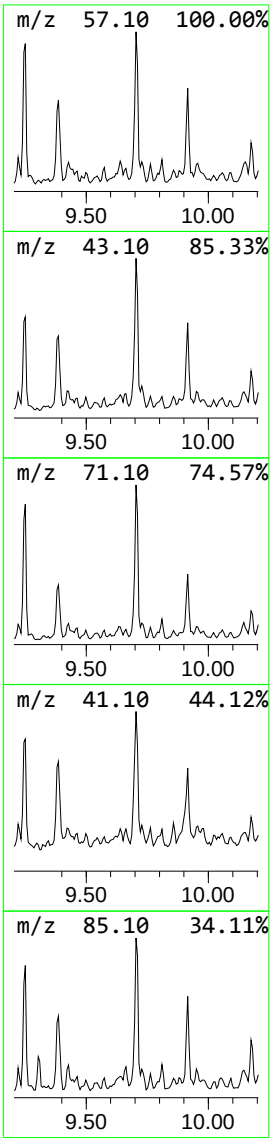
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Heptadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	92.49 ng	1990020	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	87
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80





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Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

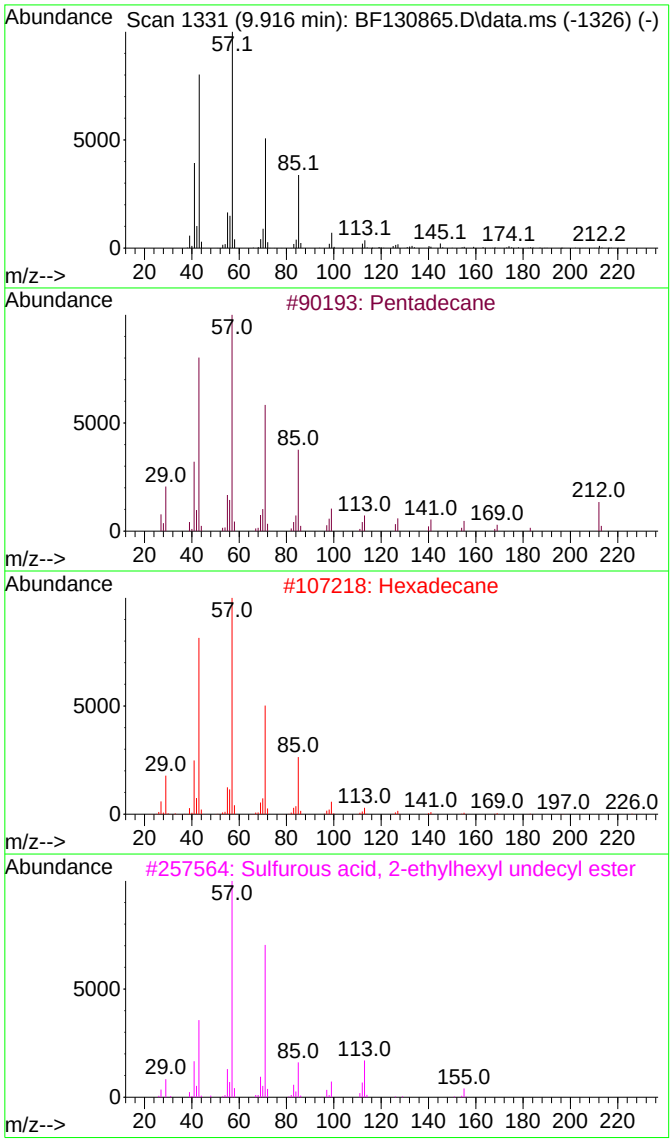
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

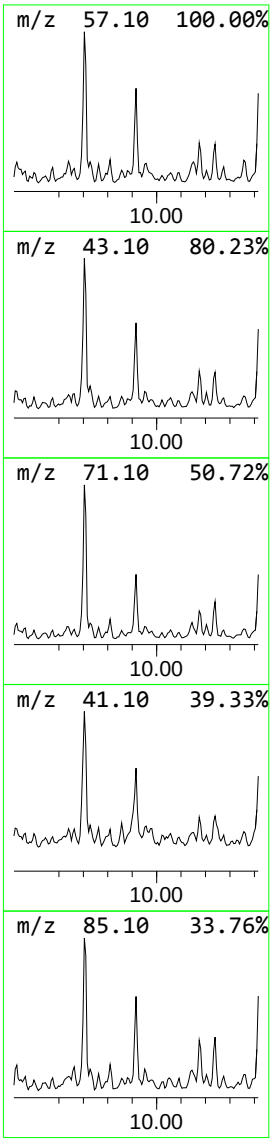
****

Peak Number 11 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	42.50 ng	914344	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64





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Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

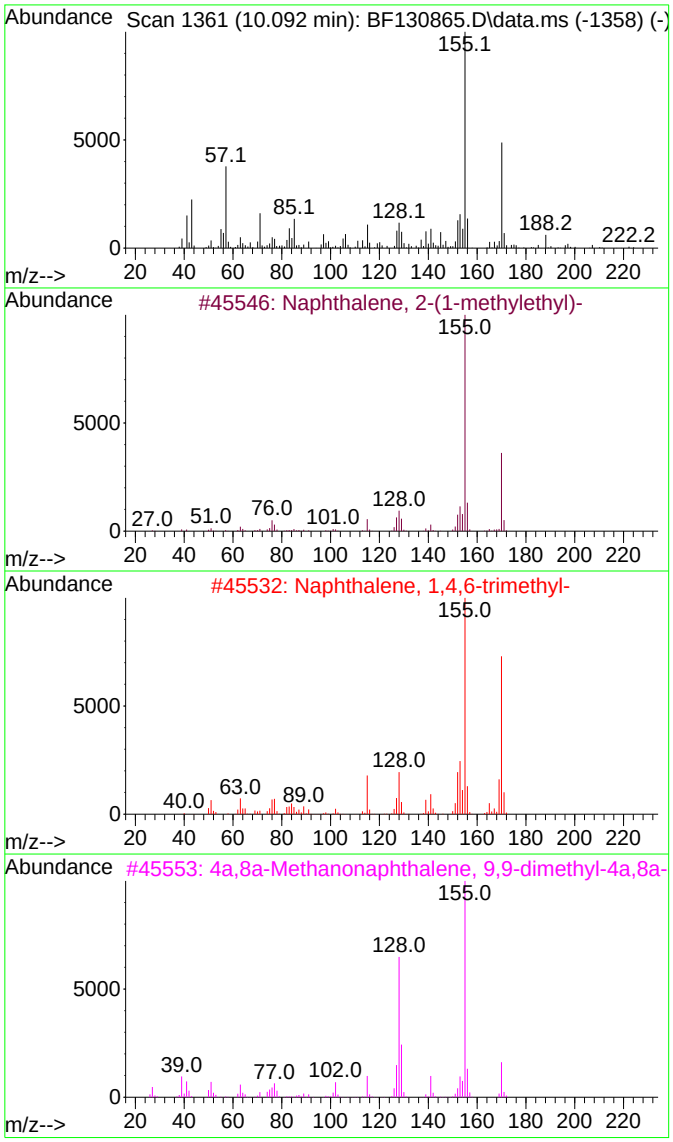
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

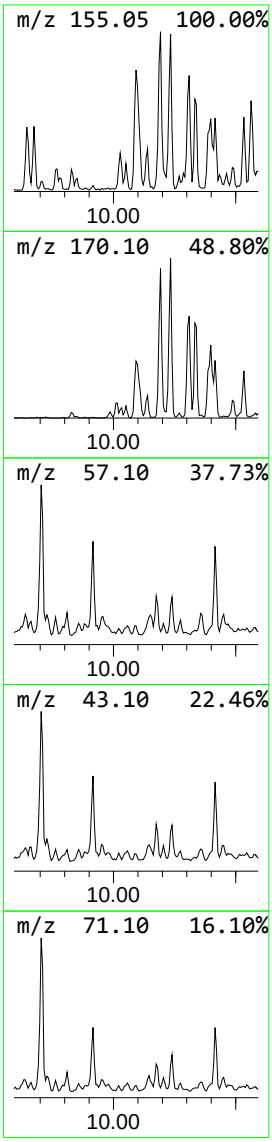
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	16.22 ng	348900	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	80
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74





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Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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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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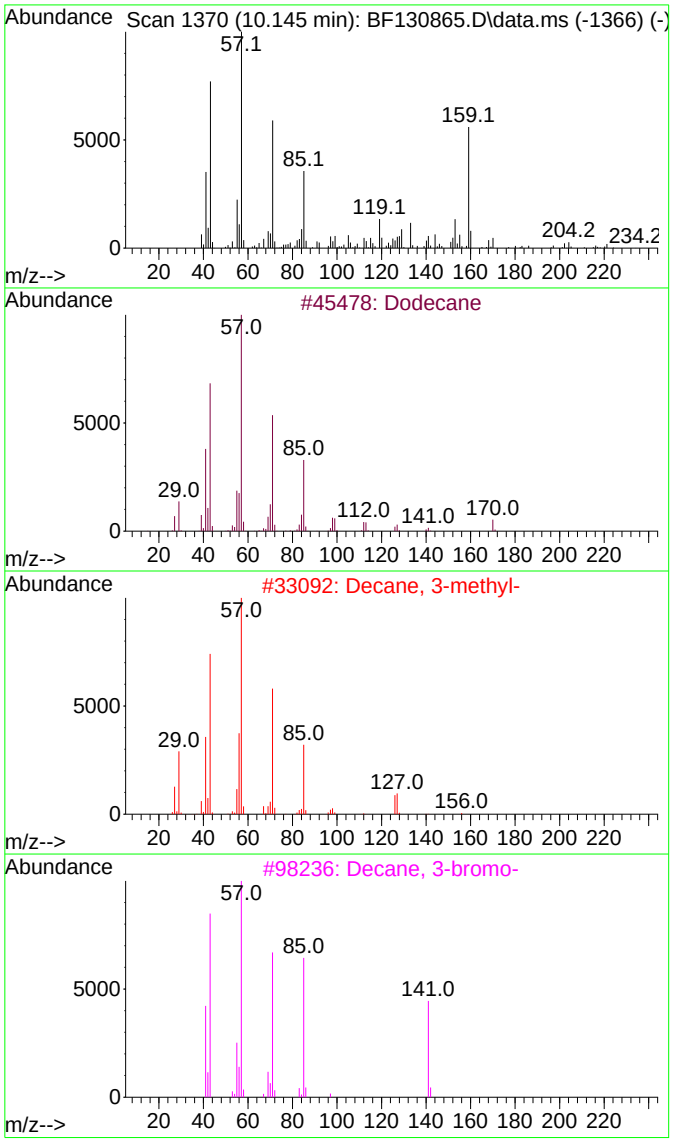
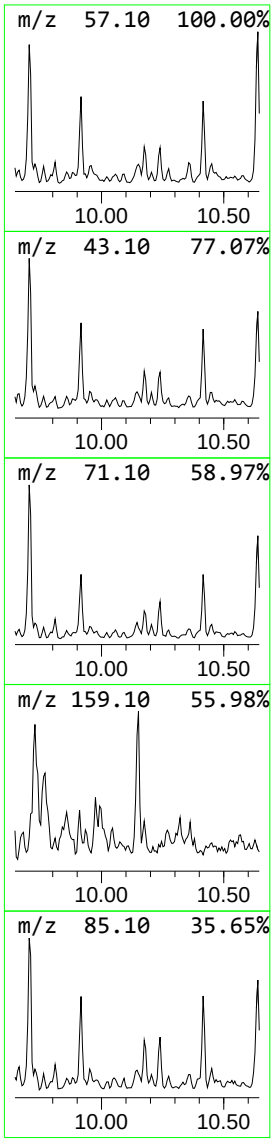
Peak Number 13 unknown10.145 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	20.87 ng	448937	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	45
2	Decane, 3-methyl-	156	C11H24	013151-34-3	43
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	43
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
5	9-Methylheneicosane	310	C22H46	070475-51-3	38





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Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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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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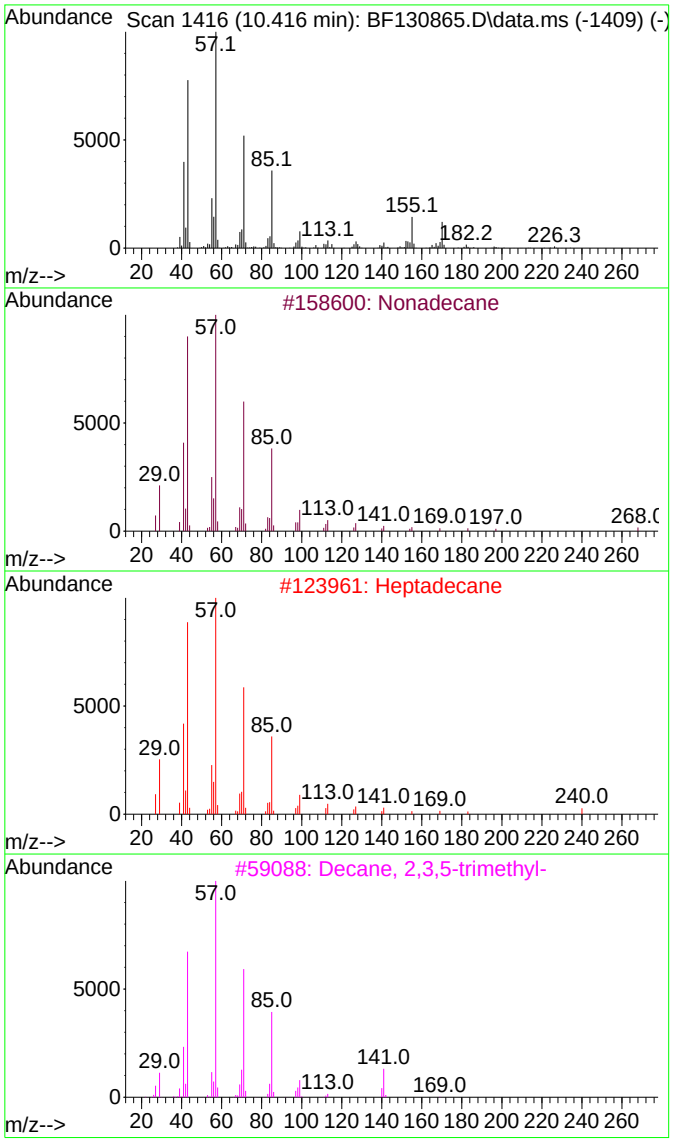
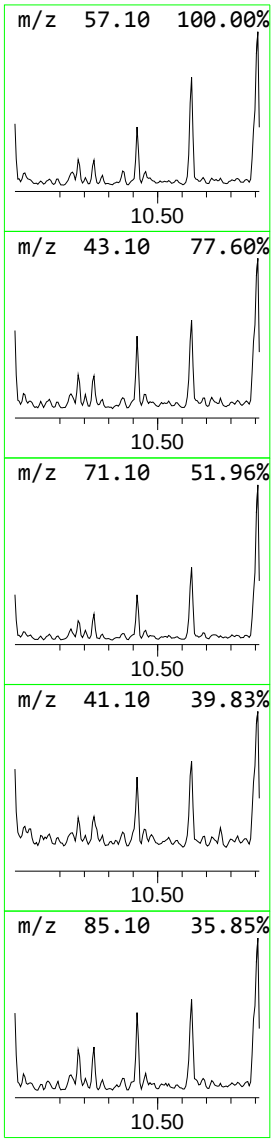
Peak Number 14 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	54.11 ng	1164140	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Heptadecane	240	C17H36	000629-78-7	72
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Hexadecane	226	C16H34	000544-76-3	70
5	Pentadecane	212	C15H32	000629-62-9	64





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Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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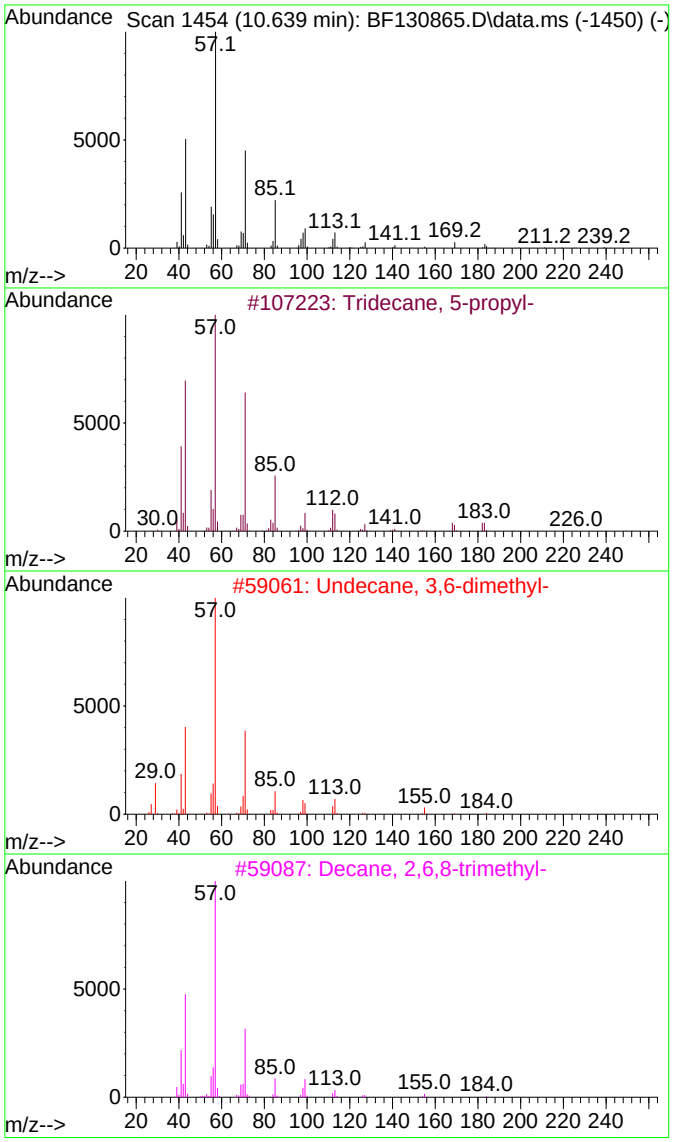
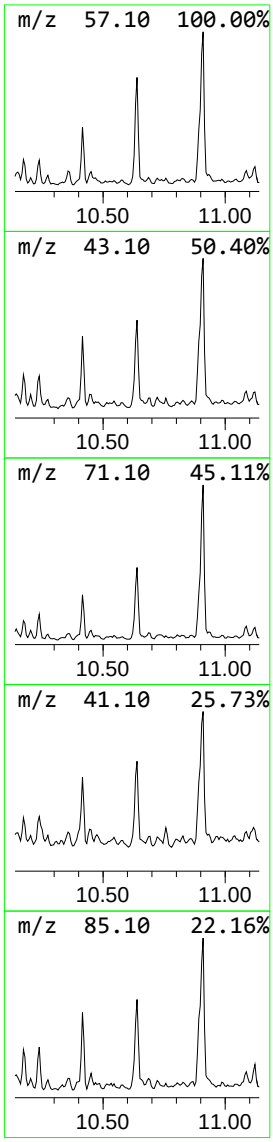
Peak Number 15 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	70.72 ng	1521580	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP2-1024

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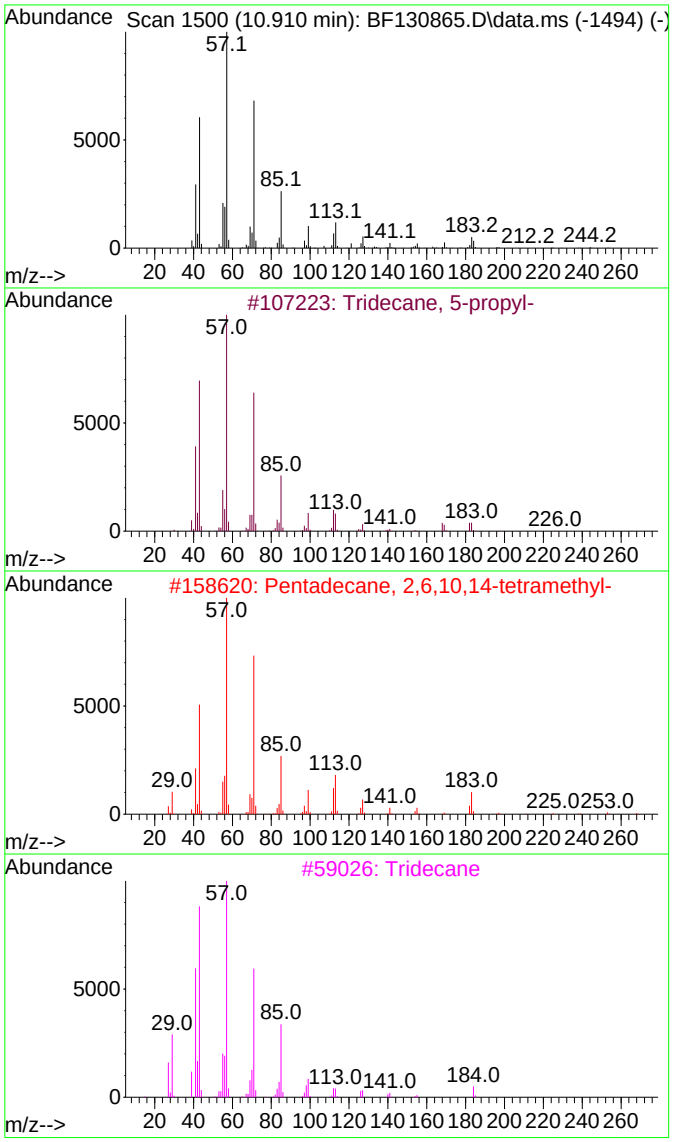
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

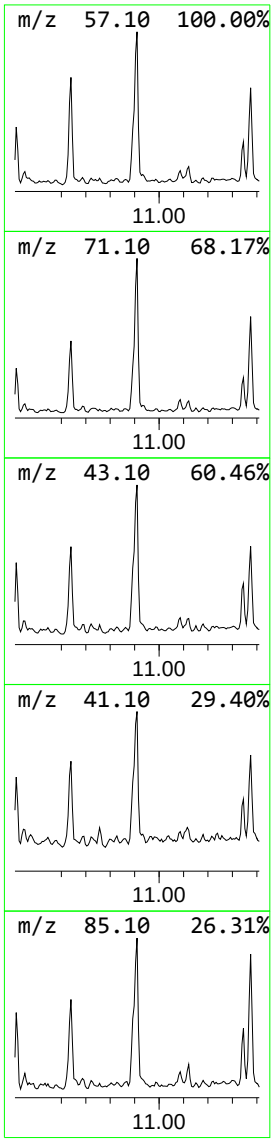
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	78.67 ng	2786160	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Tridecane	184	C13H28	000629-50-5	80
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78





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Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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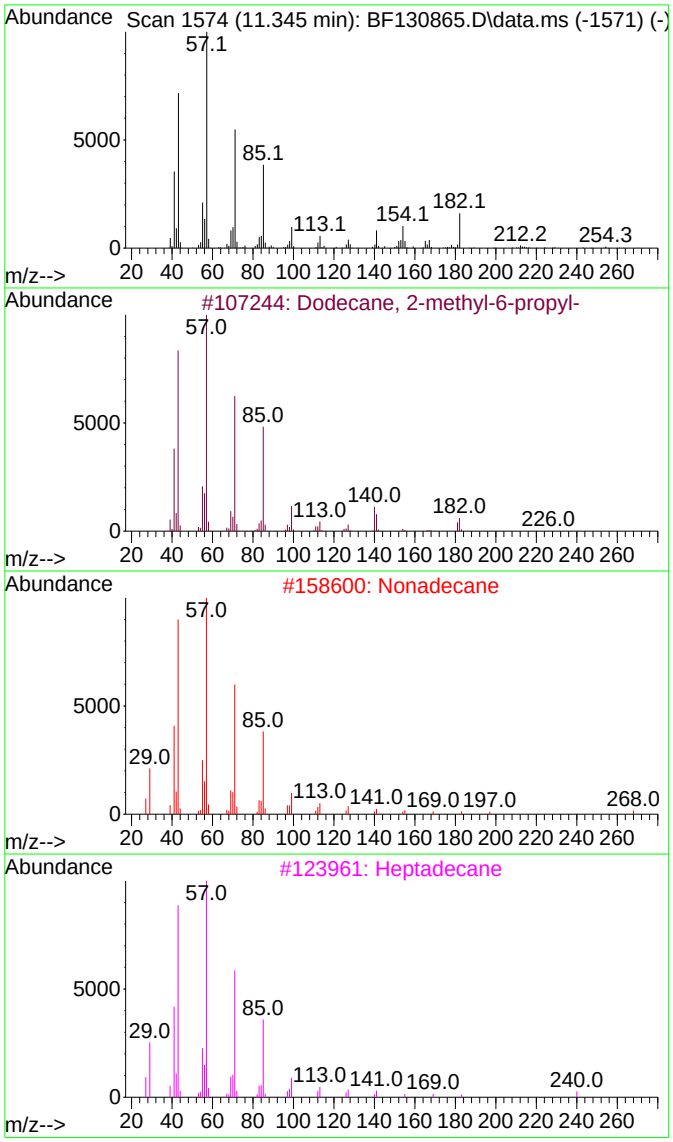
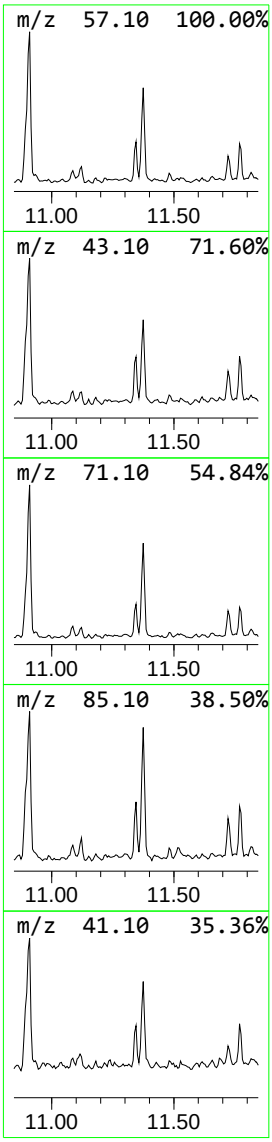
Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	15.58 ng	551897	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Nonadecane	268	C19H40	000629-92-5	68
3	Heptadecane	240	C17H36	000629-78-7	64
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5	Tetracosane	338	C24H50	000646-31-1	64





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Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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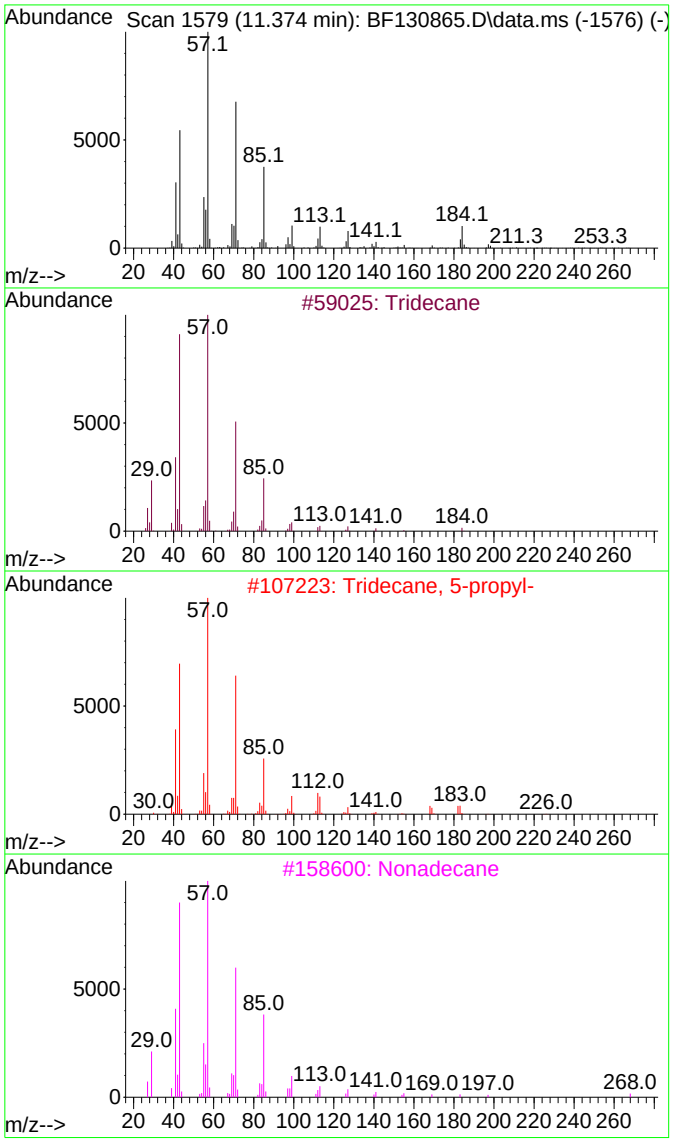
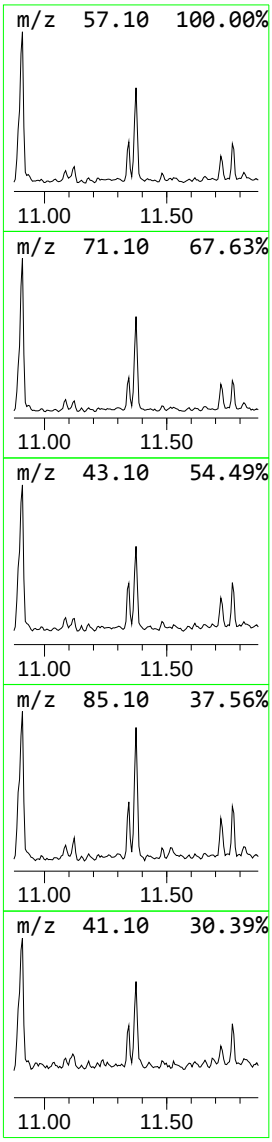
Peak Number 18 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.374	49.28 ng	1745250	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80





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Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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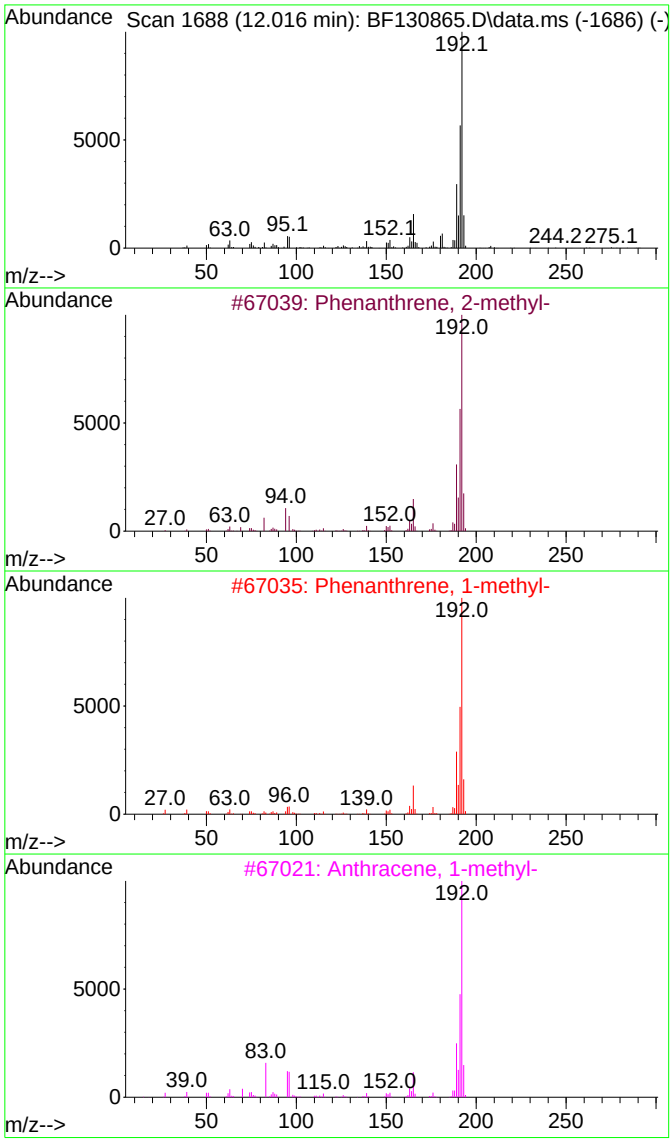
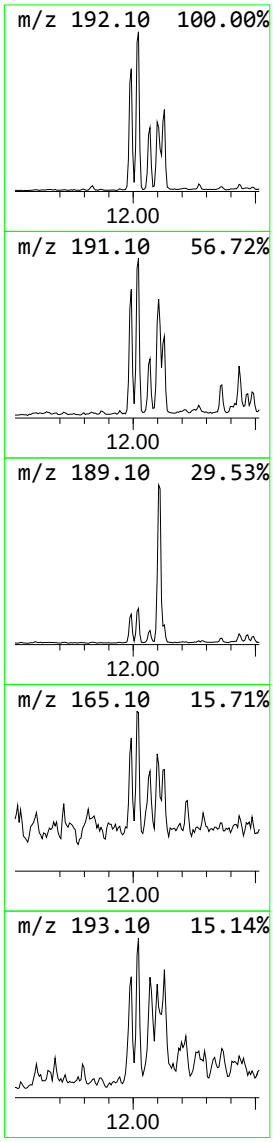
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	16.23 ng	574693	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

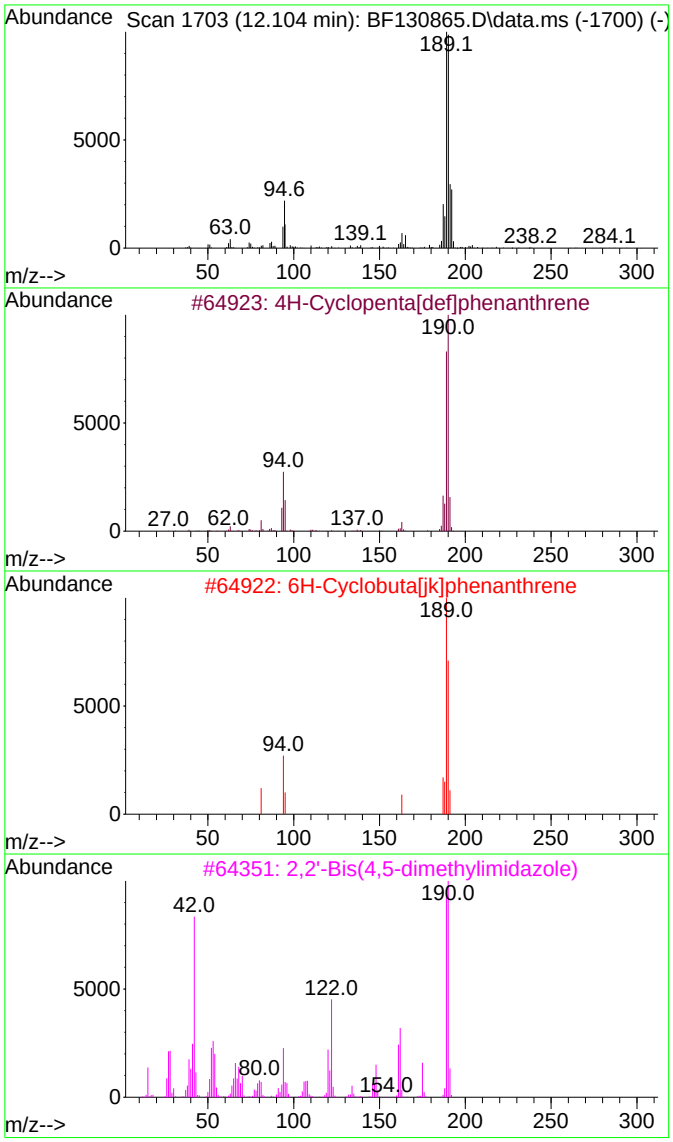
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

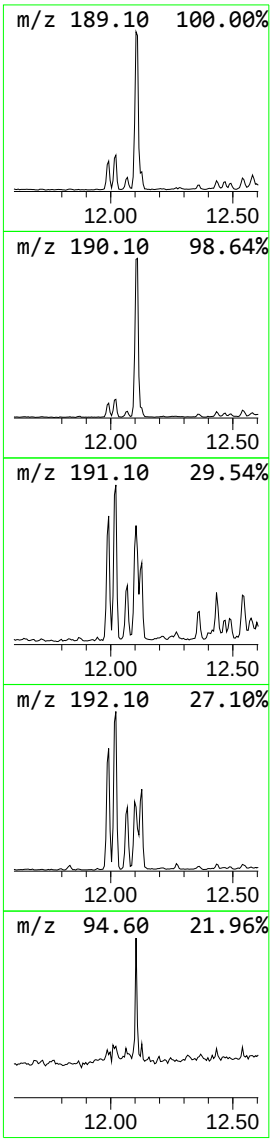
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	27.23 ng	964178	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130865.D
Acq On : 29 Oct 2022 19:19
Operator : CG\JU
Sample : N5267-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.234	24.3	ng	713623	1	6.945	586602	20.0
unknown8.516	8.516	18.0	ng	589902	2	8.233	654810	20.0
Decane, 2,6,7-t...	8.645	33.0	ng	1078930	2	8.233	654810	20.0
Heptylcyclohexane	9.139	22.4	ng	481229	3	9.992	430318	20.0
unknown9.180	9.180	17.6	ng	377665	3	9.992	430318	20.0
Dodecane, 2,7,1...	9.251	66.7	ng	1434140	3	9.992	430318	20.0
Carbonic acid, ...	9.386	58.1	ng	1249630	3	9.992	430318	20.0
Naphthalene, 1,...	9.575	19.7	ng	424748	3	9.992	430318	20.0
Naphthalene, 2,...	9.645	16.3	ng	349683	3	9.992	430318	20.0
Heptadecane, 2,...	9.704	92.5	ng	1990020	3	9.992	430318	20.0
Pentadecane	9.916	42.5	ng	914344	3	9.992	430318	20.0
Naphthalene, 2-...	10.092	16.2	ng	348900	3	9.992	430318	20.0
unknown10.145	10.145	20.9	ng	448937	3	9.992	430318	20.0
Nonadecane	10.416	54.1	ng	1164140	3	9.992	430318	20.0
Tridecane, 5-pr...	10.639	70.7	ng	1521580	3	9.992	430318	20.0
Pentadecane, 2,...	10.910	78.7	ng	2786160	4	11.486	708272	20.0
Dodecane, 2-met...	11.345	15.6	ng	551897	4	11.486	708272	20.0
Tridecane	11.374	49.3	ng	1745250	4	11.486	708272	20.0
Phenanthrene, 2...	12.016	16.2	ng	574693	4	11.486	708272	20.0
4H-Cyclopenta[d...	12.104	27.2	ng	964178	4	11.486	708272	20.0