LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139981.D
Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BP-F-28

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	9	18	26	rBV	1936138	3147618	100.00%	5.906%
2	5.504	574	580	585	rBV	1984755	2582363	82.04%	4.846%
3	6.051	666	673	678	rBV4	25033	42049	1.34%	0.079%
4	6.146	684	689	695	rBV3	42016	76258	2.42%	0.143%
5	6.334	716	721	724	rBV2	23644	43809	1.39%	0.082%
6	6.393	727	731	733	rVV	31270	40049	1.27%	0.075%
7	6.422	733	736	743	rVB2	48349	70360	2.24%	0.132%
8	6.504	743	750	755	rBV	1915224	2582174	82.04%	4.845%
9	6.634	767	772	776	rBV5	28181	57491	1.83%	0.108%
10	6.728	784	788	795	rBV4	29750	60652	1.93%	0.114%
11	6.851	799	809	810	rVV3	29945	64536	2.05%	0.121%
12	6.887	810	815	821	rVB	654009	934306	29.68%	1.753%
13	6.946	821	825	829	rBV2	29230	39297	1.25%	0.074%
14	7.004	829	835	837	rBV4	32426	55455	1.76%	0.104%
15	7.040	837	841	844	rVV2	76682	108947	3.46%	0.204%
16	7.069	844	846	851	rVB2	36513	39349	1.25%	0.074%
17	7.140	851	858	859	rBV2	49159	79031	2.51%	0.148%
18	7.163	859	862	865	rVV	87395	109242	3.47%	0.205%
19	7.198	865	868	870	rVV	61975	96103	3.05%	0.180%
20	7.228	870	873	877	rVB	109509	145312	4.62%	0.273%
21	7.275	877	881	886	rBV3	118930	191180	6.07%	0.359%
22	7.445	900	910	920	rBV	1308647	2201544	69.94%	4.131%
23	7.534	920	925	928	rBV4	110204	171944	5.46%	0.323%
24	7.593	928	935	939	rBV3	90946	179613	5.71%	0.337%
25	7.663	939	947	950	rBV3	141127	289219	9.19%	0.543%
26	7.698	950	953	961	rVB5	111366	179602	5.71%	0.337%
27	7.793	961	969	971	rBV3	148109	357266	11.35%	0.670%
28	7.816	971	973	975	rVV2	80102	81713	2.60%	0.153%
29	7.851	975	979	982	rVB3	201483	282946	8.99%	0.531%
30	7.887	982	985	986	rBV2	88071	89630	2.85%	0.168%
31	7.910	986	989	995	rVB4	308286	487074	15.47%	0.914%
32	7.963	995	998	1000	rBV	99348	97472	3.10%	0.183%
33	8.040	1008	1011	1015	rBV2	113145	137959	4.38%	0.259%
34	8.169	1020	1033	1039	rBV2	972475	2119770	67.35%	3.978%
35	8.228	1039	1043	1046	rVV2	472552	672011	21.35%	1.261%
36	8.257	1046	1048	1056	rVB4	174225	272403	8.65%	0.511%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139981.D
Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.328	1056	1060	1062	rBV2	102717	155733	4.95%	0.292%
38	8.369	1063	1067	1071	rVB2	296474	391105	12.43%	0.734%
39	8.416	1072	1075	1078	rBV2	122698	181551	5.77%	0.341%
40	8.463	1078	1083	1089	rBV5	368132	639653	20.32%	1.200%
41	8.516	1089	1092	1095	rVB4	140220	143713	4.57%	0.270%
42	8.551	1095	1098	1101	rBV2	319271	381948	12.13%	0.717%
43	8.592	1101	1105	1110	rBV	530142	734545	23.34%	1.378%
44	8.675	1115	1119	1123	rBV2	650773	812265	25.81%	1.524%
45	8.763	1131	1134	1137	rBV2	175660	258370	8.21%	0.485%
46	8.828	1143	1145	1148	rVB	179211	178328	5.67%	0.335%
47	8.887	1152	1155	1158	rVB	724979	858719	27.28%	1.611%
48	8.922	1158	1161	1163	rBV3	97740	101241	3.22%	0.190%
49	8.987	1167	1172	1179	rBV3	780807	1404063	44.61%	2.635%
50	9.192	1200	1207	1212	rBV2	698011	1194623	37.95%	2.242%
51	9.245	1212	1216	1221	rVB	2011406	2459196	78.13%	4.615%
52	9.334	1226	1231	1234	rBV5	265512	495520	15.74%	0.930%
53	9.398	1239	1242	1245	rVV	427914	588570	18.70%	1.104%
54	9.439	1247	1249	1254	rVB	316460	422152	13.41%	0.792%
55	9.510	1256	1261	1266	rVB2	784289	1238738	39.35%	2.324%
56	9.587	1267	1274	1276	rBV	940977	1603964	50.96%	3.010%
57	9.610	1276	1278	1281	rVV2	706178	866569	27.53%	1.626%
58	9.645	1281	1284	1287	rVV3	912747	1245548	39.57%	2.337%
59	9.704	1291	1294	1299	rVB2	458350	604944	19.22%	1.135%
60	9.786	1305	1308	1313	rVB3	214489	317166	10.08%	0.595%
61	9.922	1324	1331	1335	rBV3	811463	1540298	48.94%	2.890%
62	10.034	1346	1350	1354	rVB	442631	623122	19.80%	1.169%
63	10.122	1362	1365	1370	rVB2	437074	624592	19.84%	1.172%
64	10.169	1370	1373	1382	rVB4	498179	1057402	33.59%	1.984%
65	10.245	1382	1386	1388	rBV	377240	535818	17.02%	1.005%
66	10.339	1398	1402	1407	rVB3	227230	450149	14.30%	0.845%
67	10.469	1420	1424	1425	rBV2	235780	301947	9.59%	0.567%
68	10.575	1438	1442	1447	rVB2	682786	1104849	35.10%	2.073%
69	10.634	1448	1452	1456	rVB3	482183	746952	23.73%	1.402%
70	10.710	1460	1465	1469	rBV2	892889	1189404	37.79%	2.232%
71	10.845	1483	1488	1494	rVB2	1013535	1430937	45.46%	2.685%
72	11.051	1520	1523	1528	rVB3	305506	380942	12.10%	0.715%
73	11.169	1540	1543	1548	rVB4	200468	291795	9.27%	0.548%
74	11.310	1562	1567	1573	rVB	652706	1057917	33.61%	1.985%
75	11.410	1580	1584	1592	rBV2	639044	1173121	37.27%	2.201%
76	11.939	1666	1674	1678	rVB2	373887	771844	24.52%	1.448%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.392	1747	1751	1757	rVB3	160167	278045	8.83%	0.522%
78	12.463	1759	1763	1766	rBV	201975	251769	8.00%	0.472%
79	12.910	1836	1839	1843	rVB	75650	92834	2.95%	0.174%
80	12.998	1849	1854	1862	rVB	1610444	2150121	68.31%	4.035%
81	13.904	2004	2008	2019	rVB2	72332	159172	5.06%	0.299%
82	14.051	2028	2033	2040	rVB	616800	816255	25.93%	1.532%
83	14.910	2176	2179	2185	rVB	43291	57808	1.84%	0.108%
84	15.527	2279	2284	2297	rVB	446616	740555	23.53%	1.390%

Sum of corrected areas: 53291619

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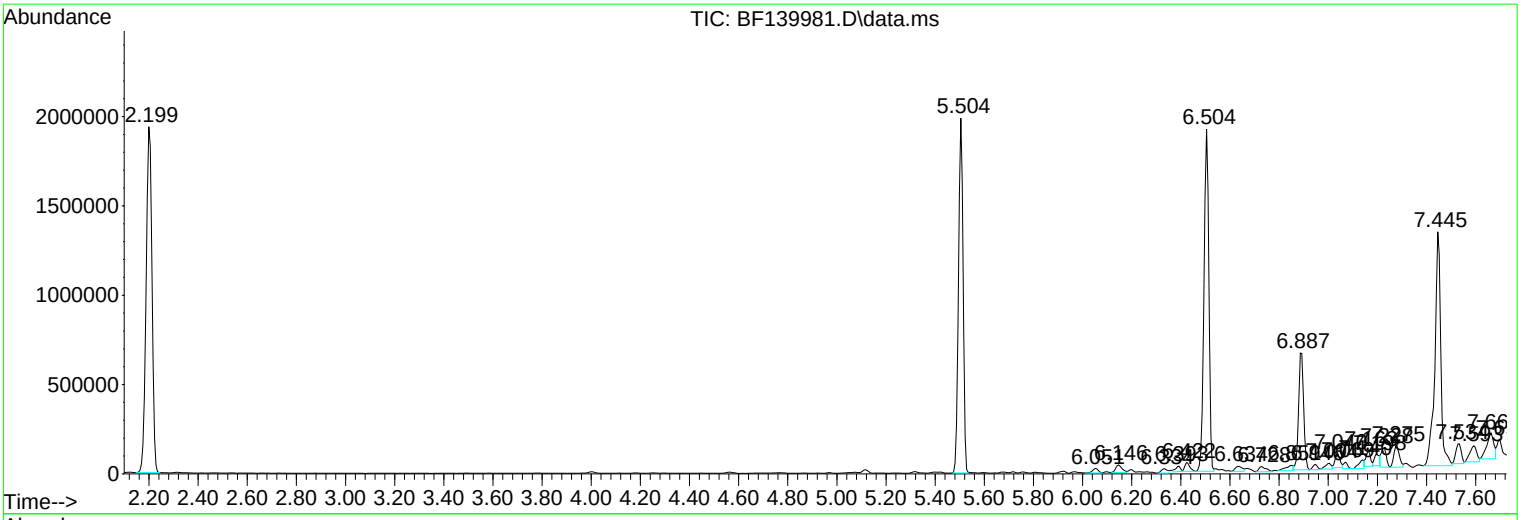
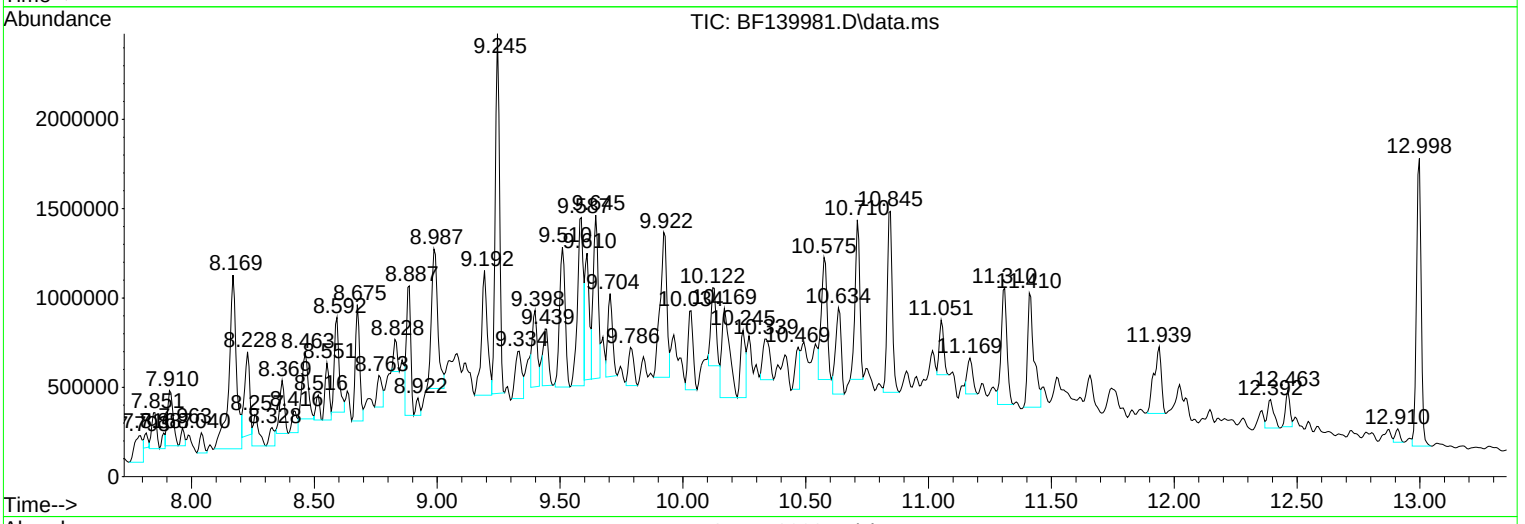
Misc :
ALS Vial : 18 Sample Multiplier: 1

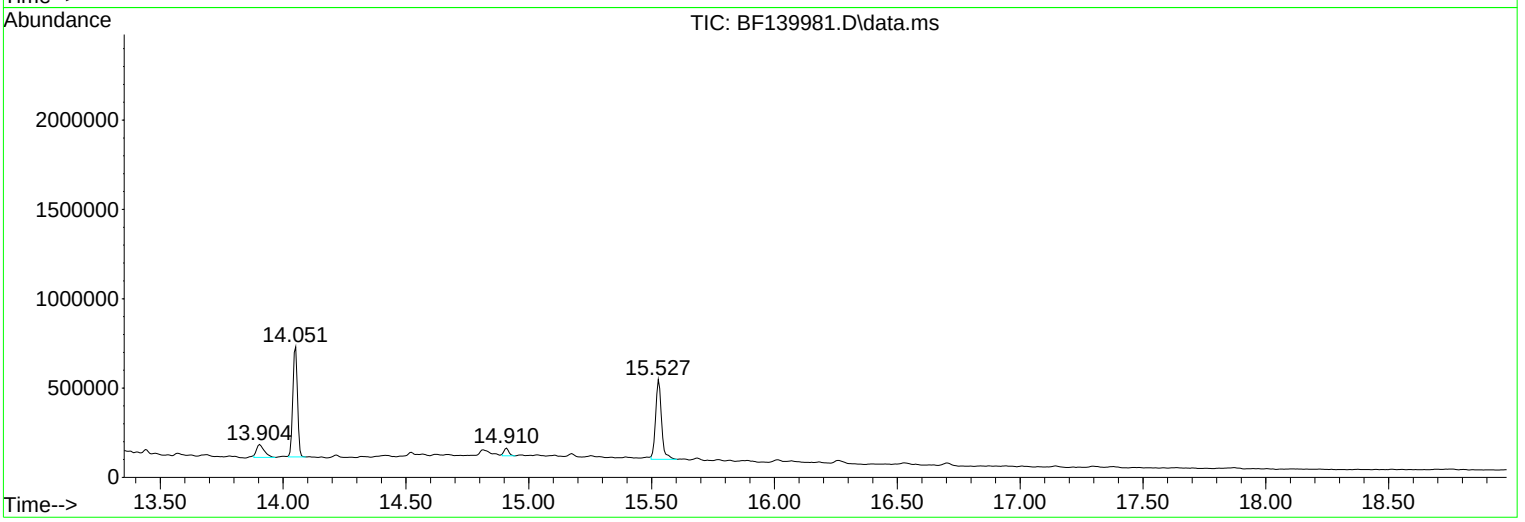
Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF102324\
Data File : BF139981.D
Acq On : 23 Oct 2024 23:14
Operator : RC/JU
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Instrument :
BNA_F
ClientSampleId :
BP-F-28

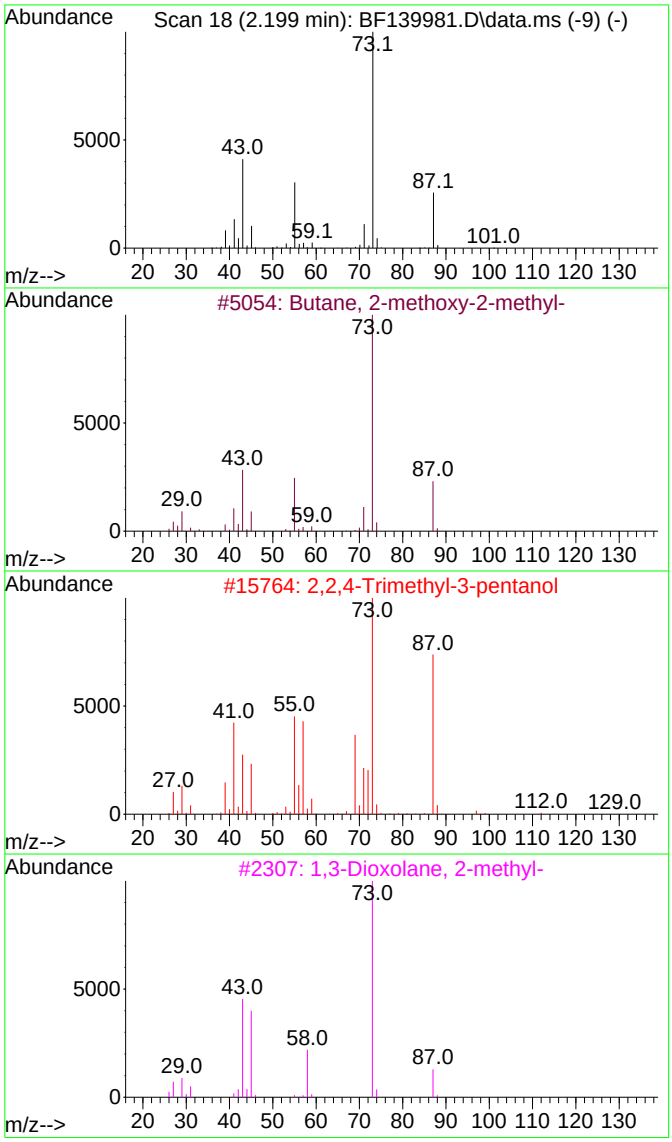
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

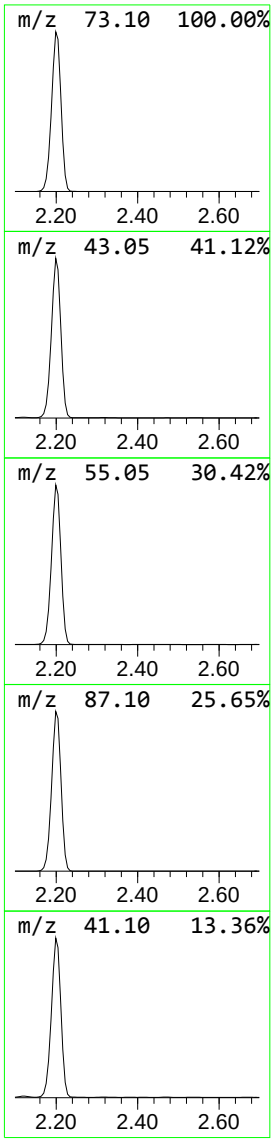
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	67.38 ng	3147620	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139981.D
Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

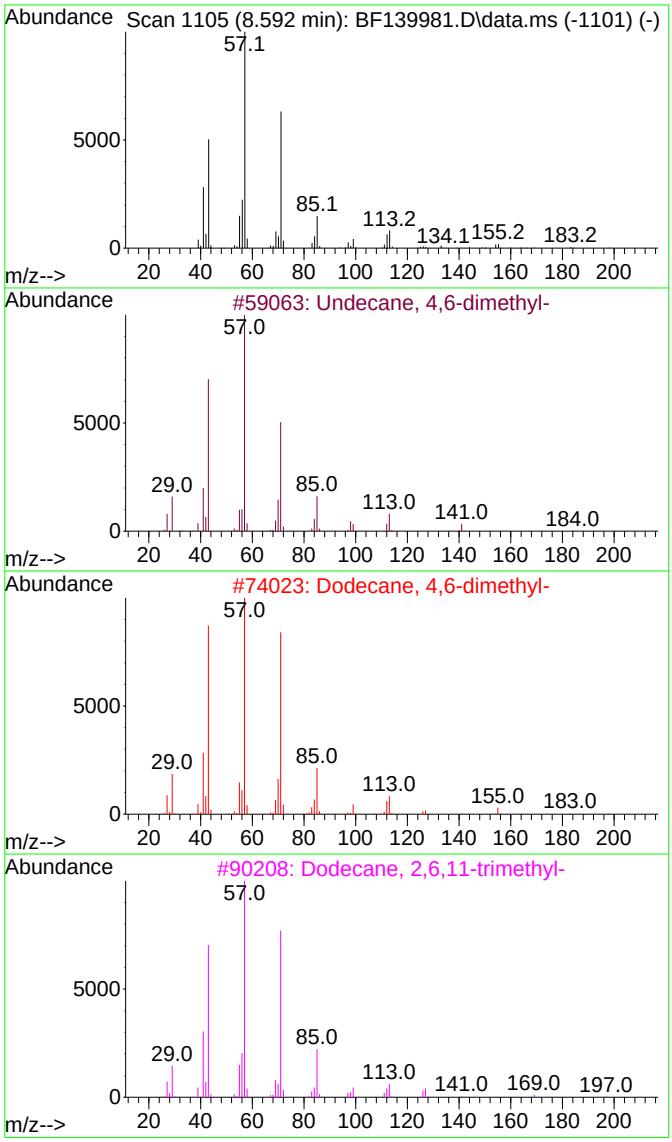
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

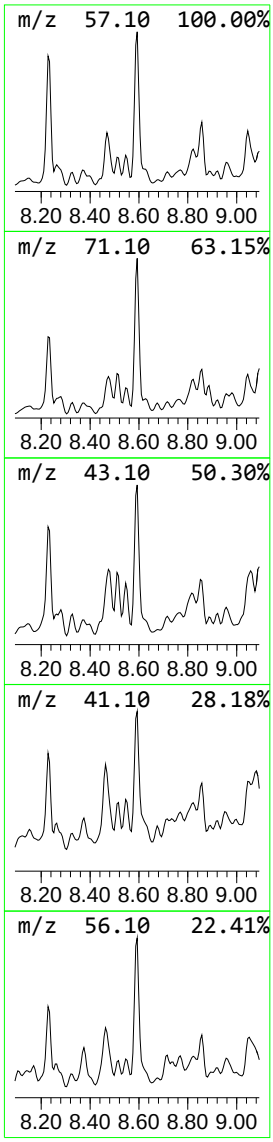
****

Peak Number 2 Undecane, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	6.93 ng	734545	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72





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Data File : BF139981.D
Acq On : 23 Oct 2024 23:14
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Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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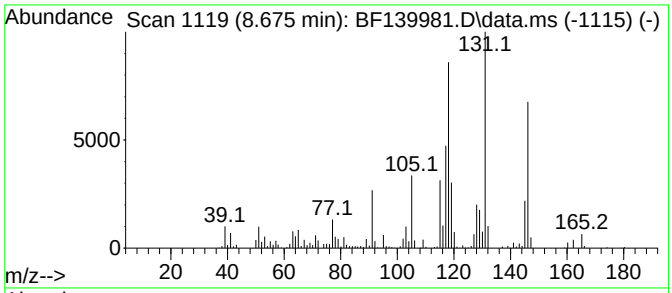
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

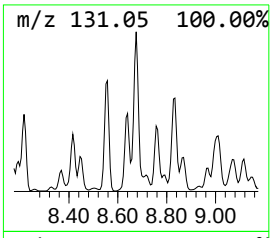
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

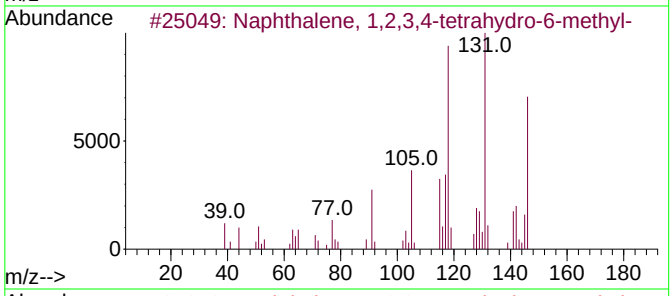
****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

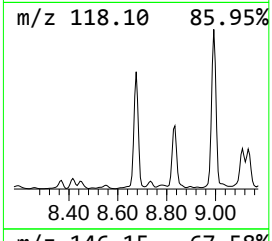
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	7.66 ng	812265	Naphthalene-d8	8.169

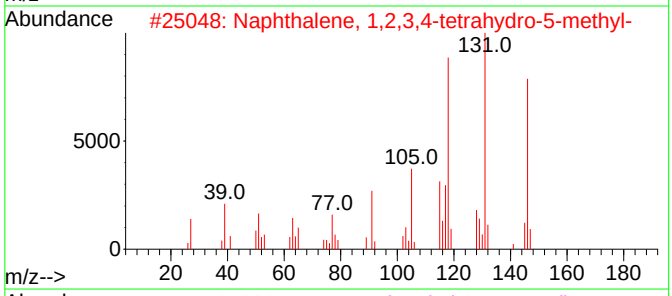
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	80
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58

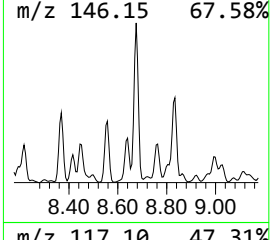


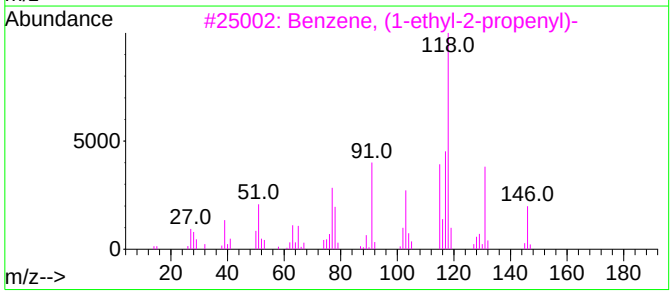


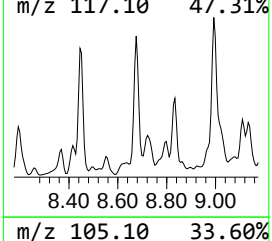


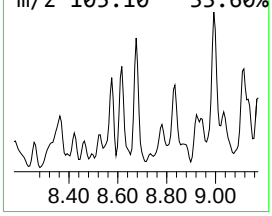












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139981.D
Acq On : 23 Oct 2024 23:14
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

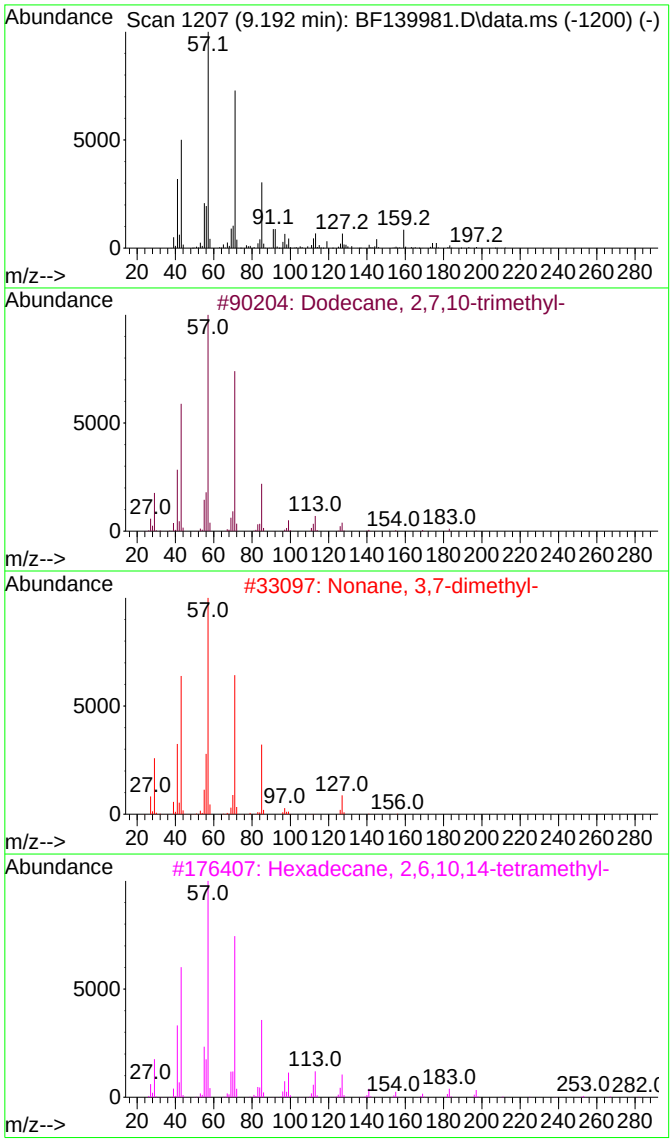
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

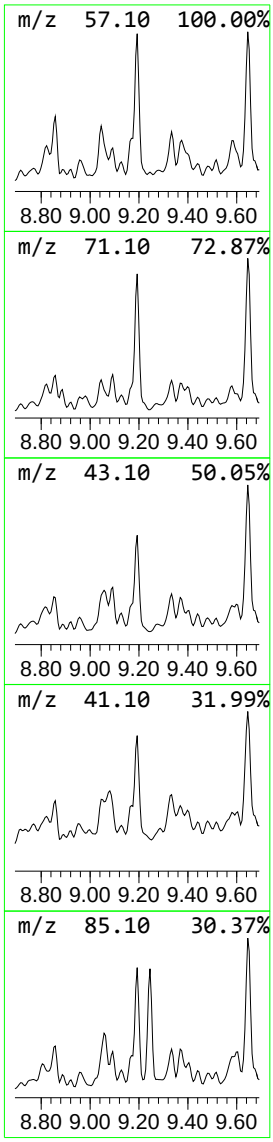
****

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	15.51 ng	1194620	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-F-28

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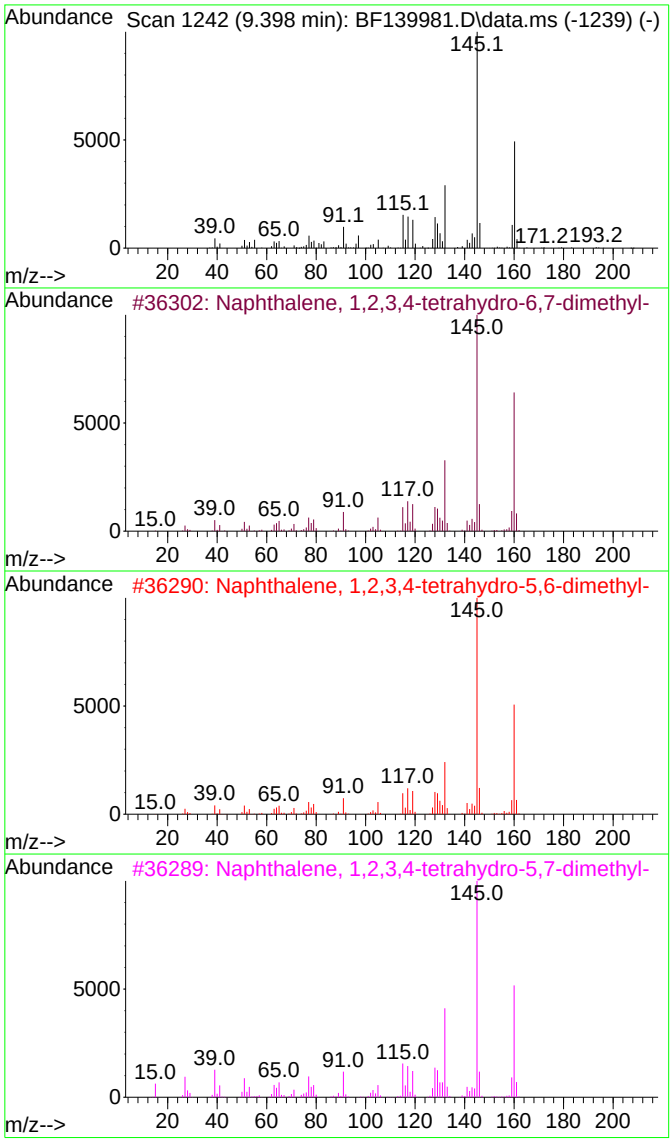
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

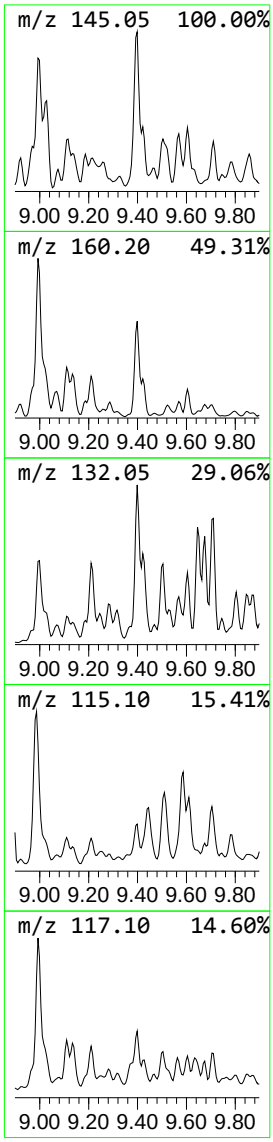
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	7.64 ng	588570	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87





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Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

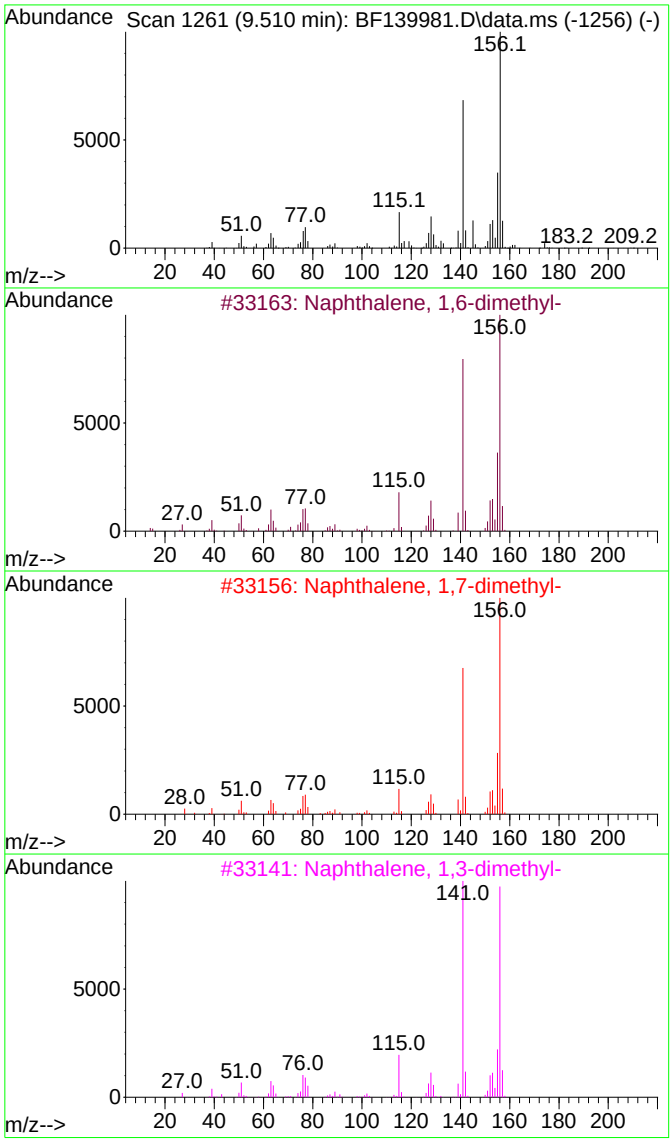
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

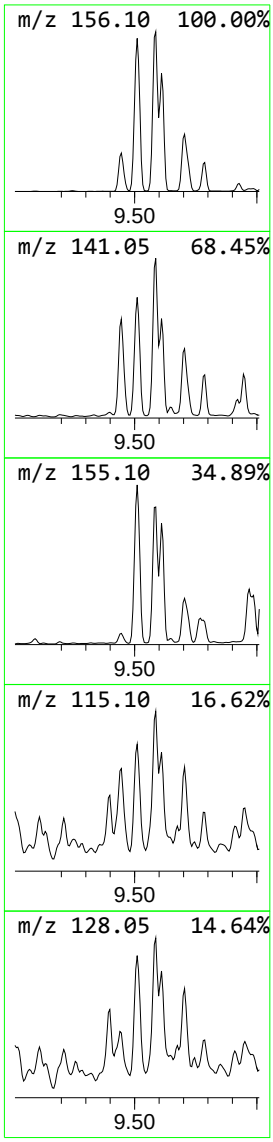
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	16.08 ng	1238740	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

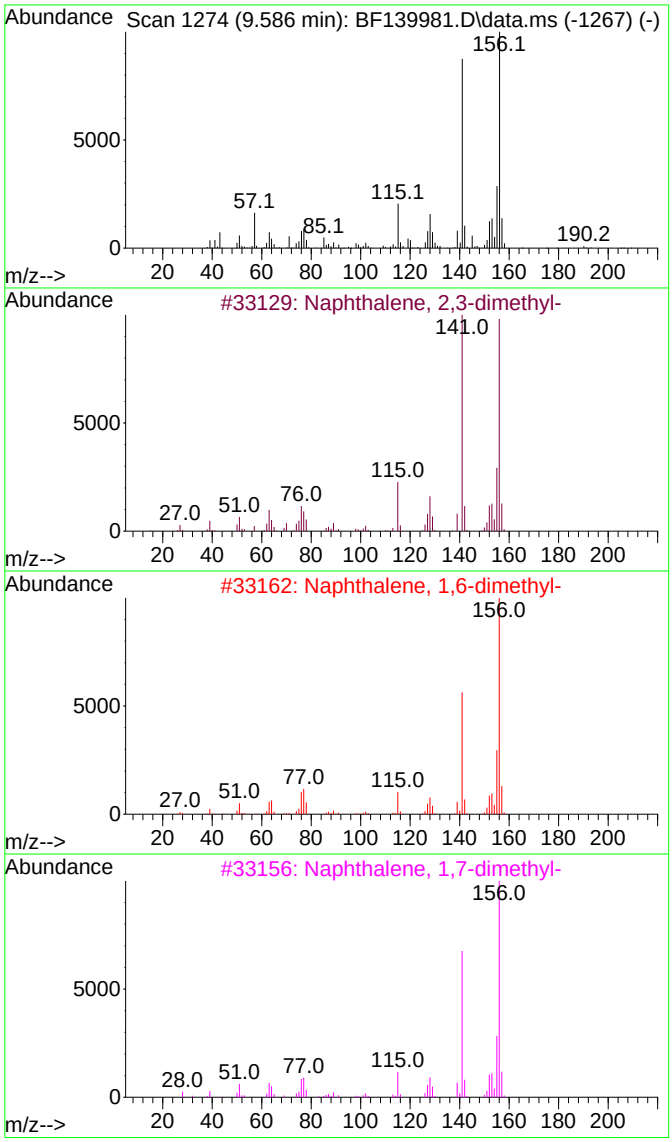
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

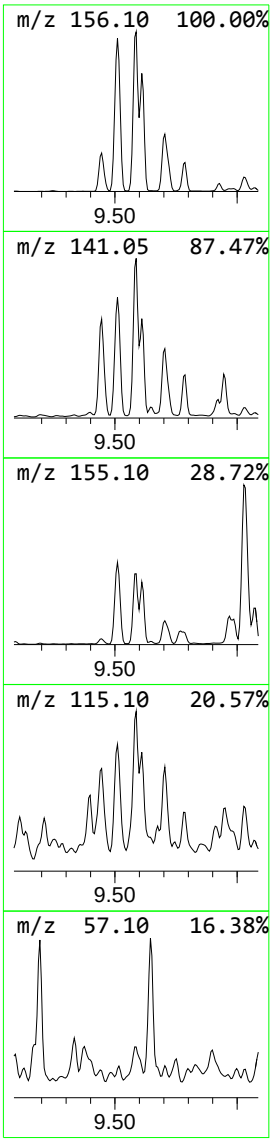
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	20.83 ng	1603960	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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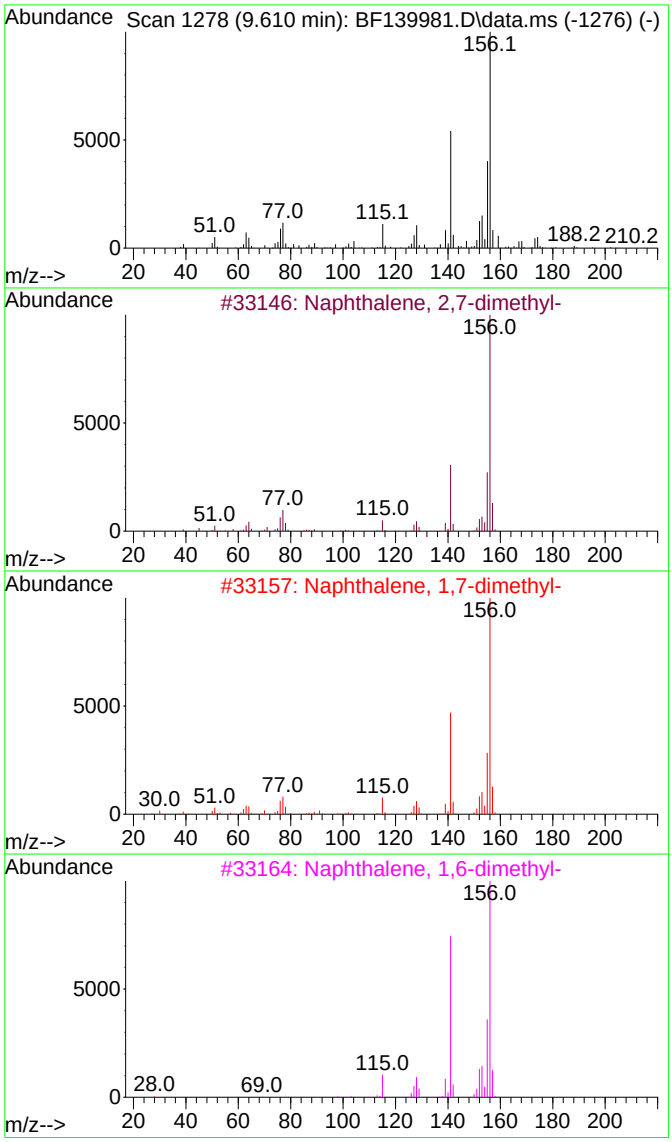
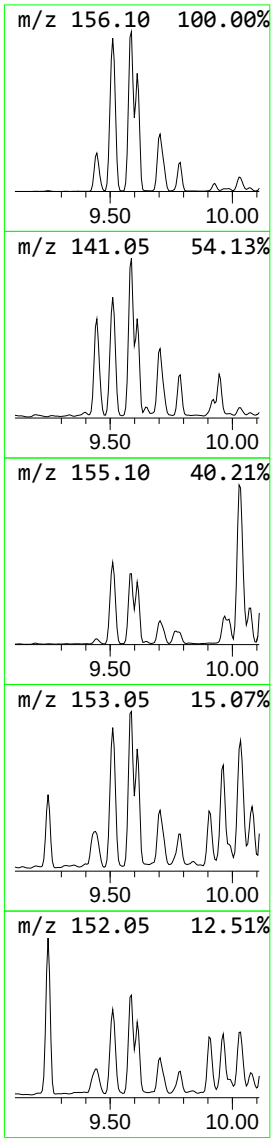
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	11.25 ng	866569	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	1,4-benzenedicarbonitrile, 2,5-d...	156	C10H8N2	1000404-33-1	83





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

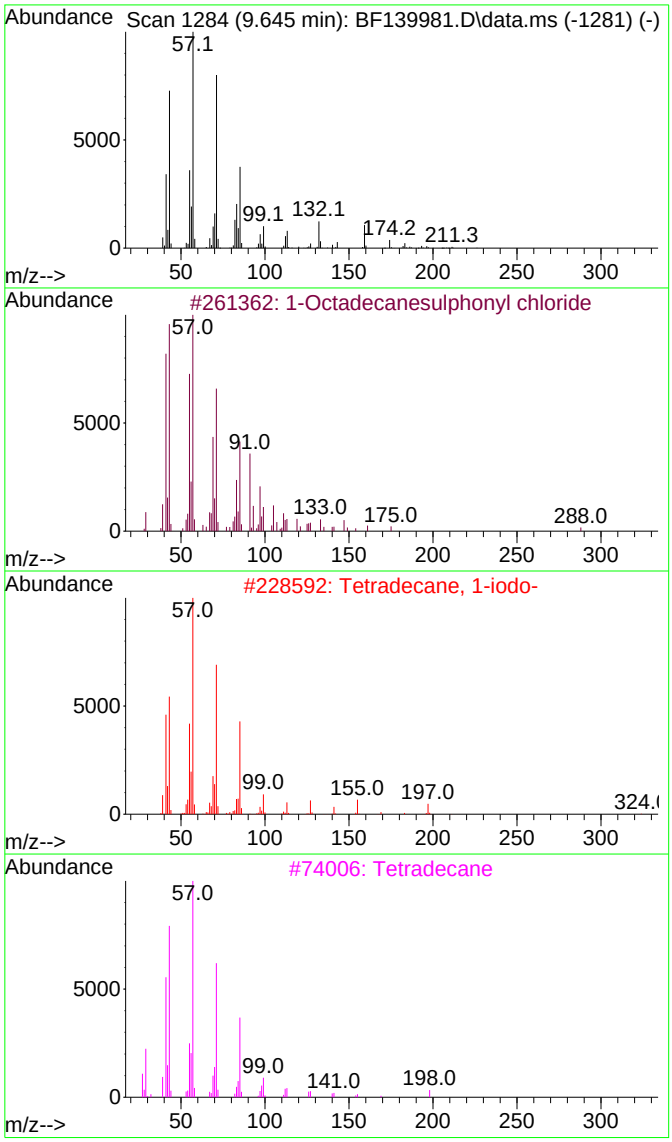
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

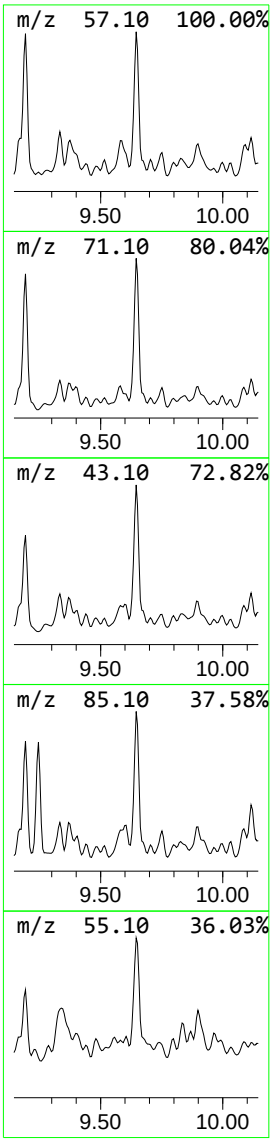
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	16.17 ng	1245550	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3	Tetradecane	198	C14H30	000629-59-4	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58





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Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

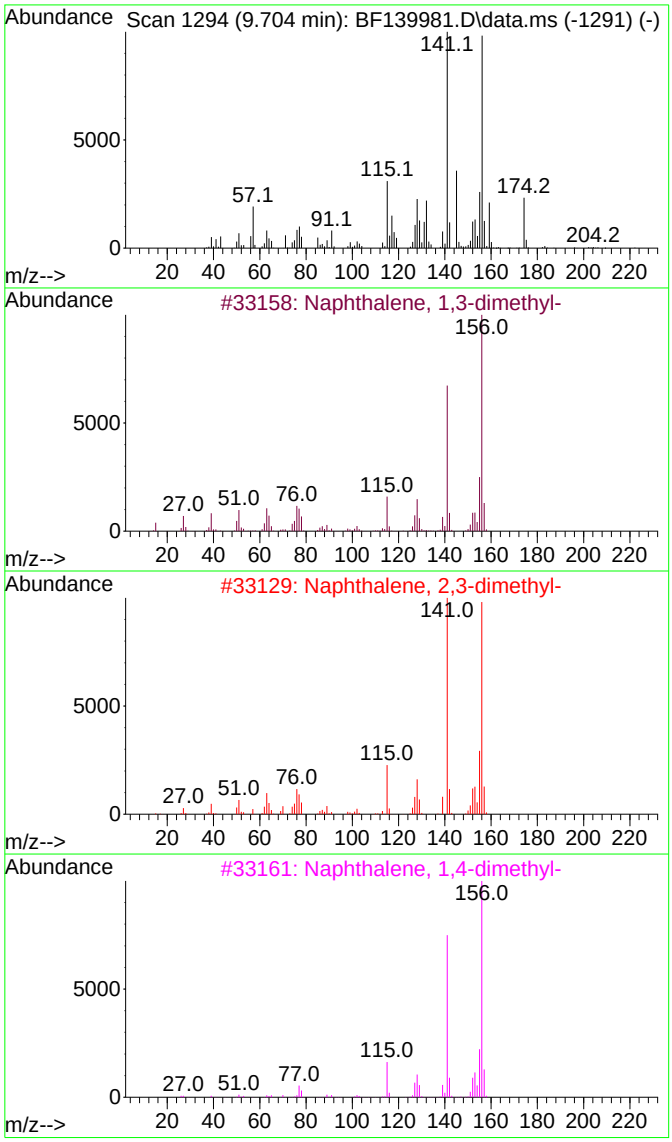
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

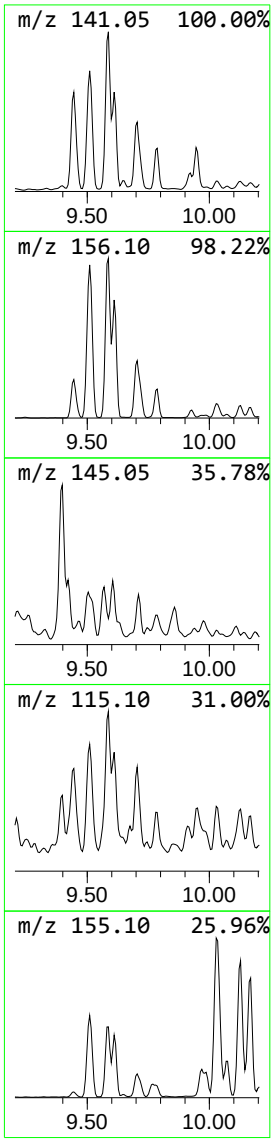
****

Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	7.85 ng	604944	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-F-28

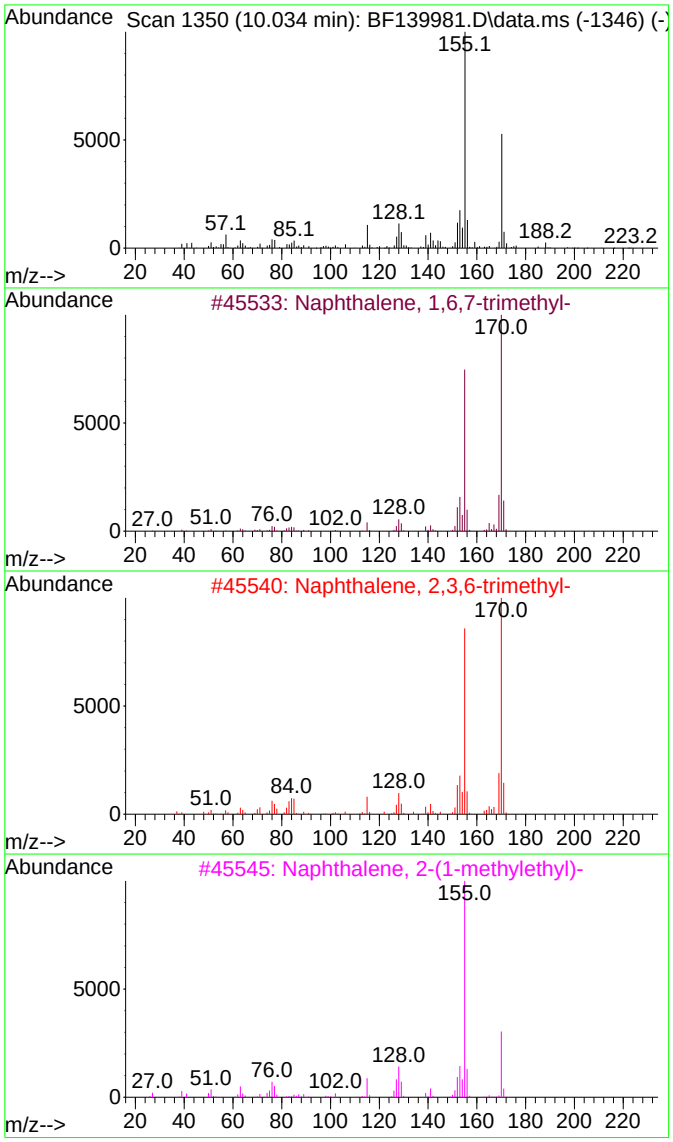
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

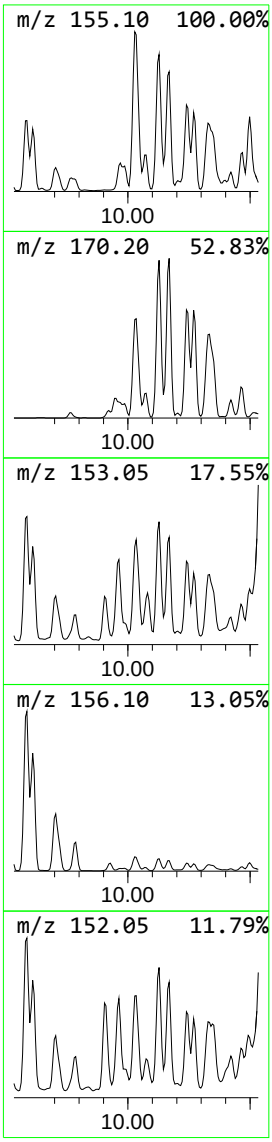
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	8.09 ng	623122	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76





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Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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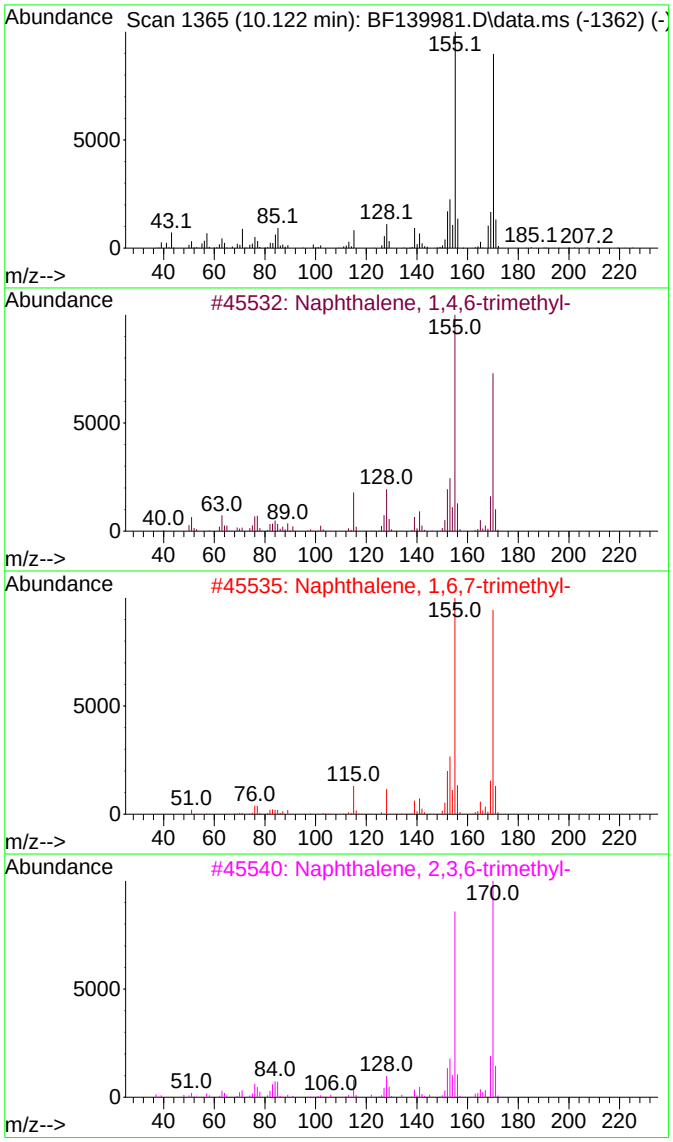
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

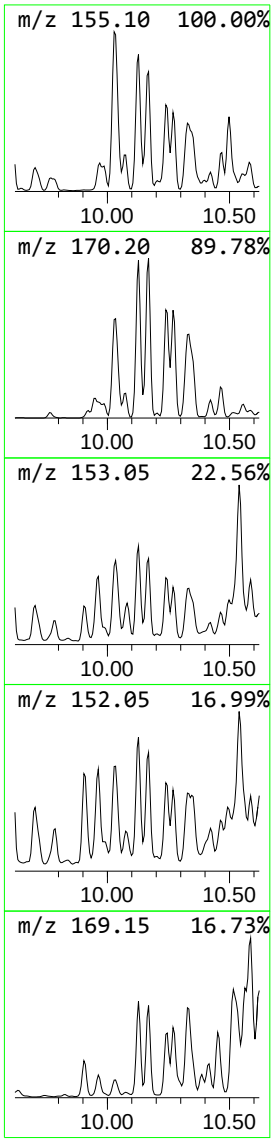
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	8.11 ng	624592	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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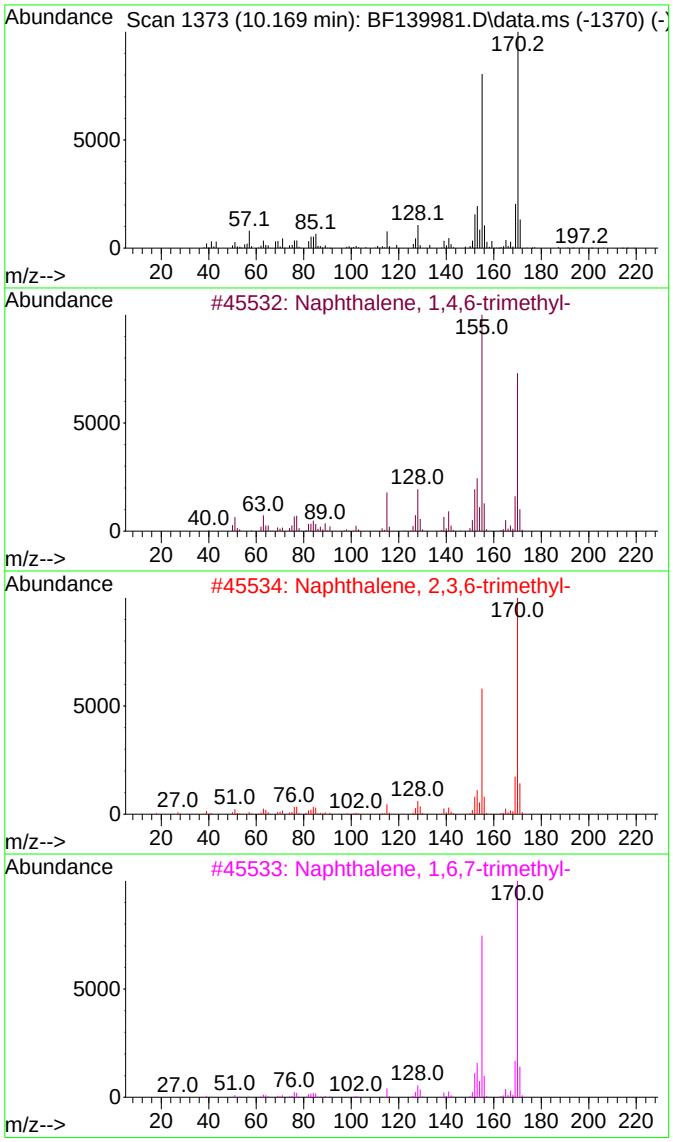
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

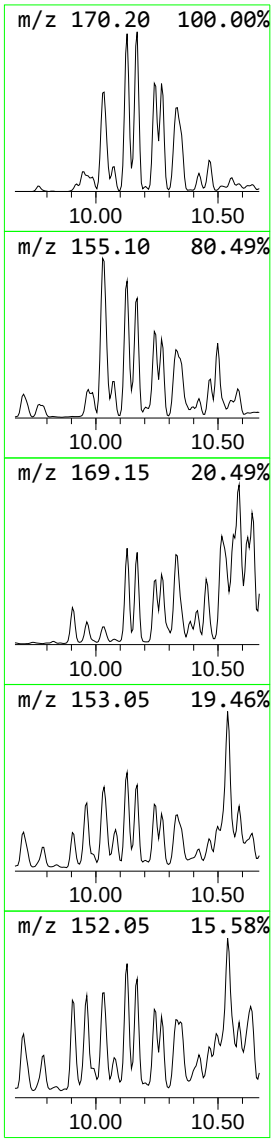
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	13.73 ng	1057400	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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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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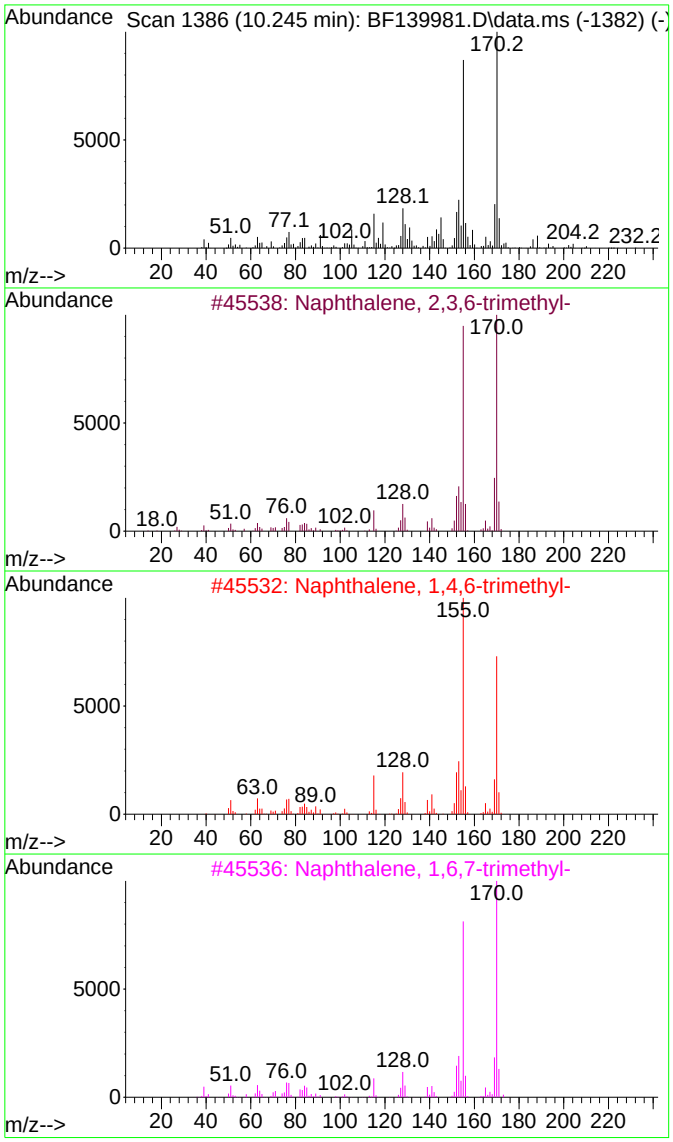
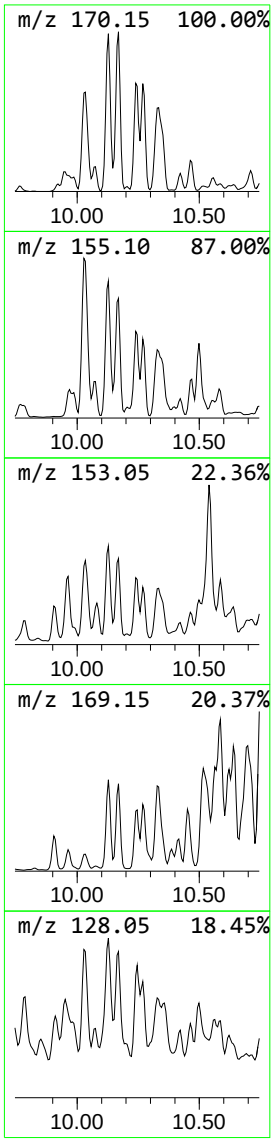
Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	6.96 ng	535818	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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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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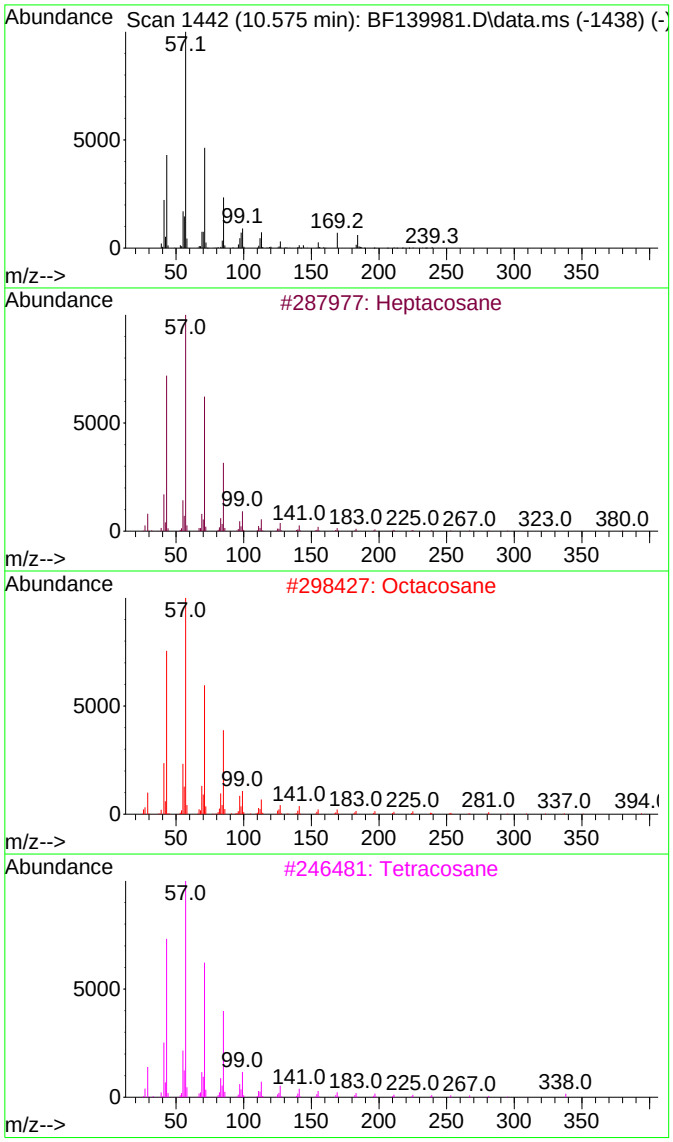
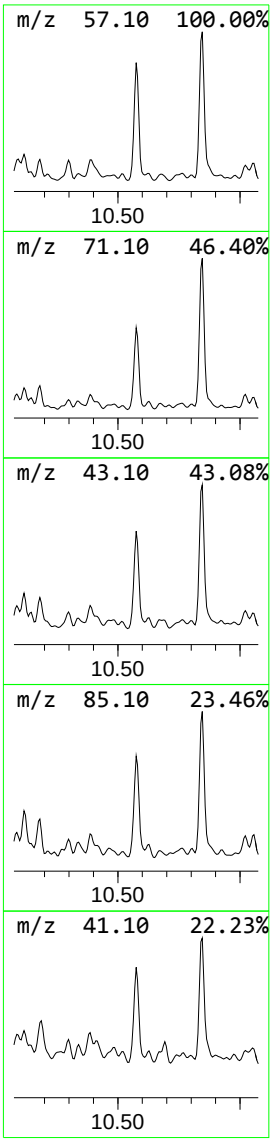
Peak Number 15 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	14.35 ng	1104850	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Octacosane	394	C28H58	000630-02-4	72
3	Tetracosane	338	C24H50	000646-31-1	64
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	64
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59





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Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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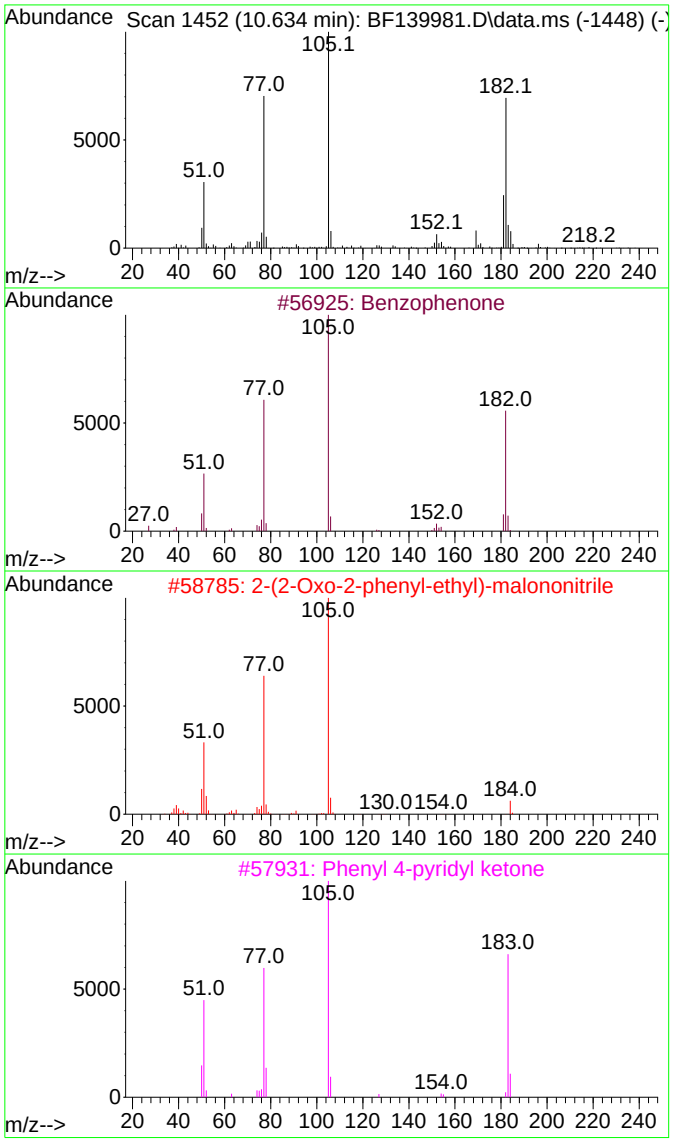
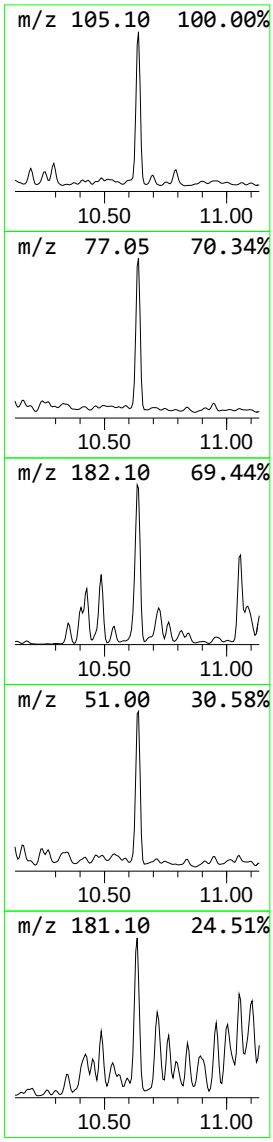
Peak Number 16 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	9.70 ng	746952	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	38
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	38





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Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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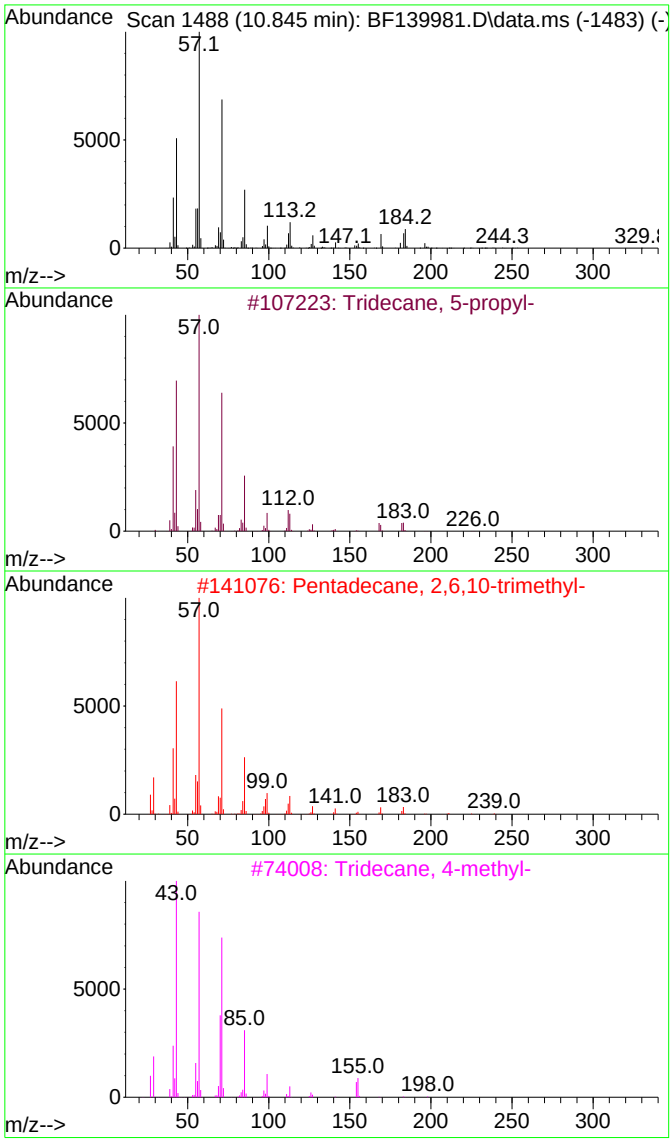
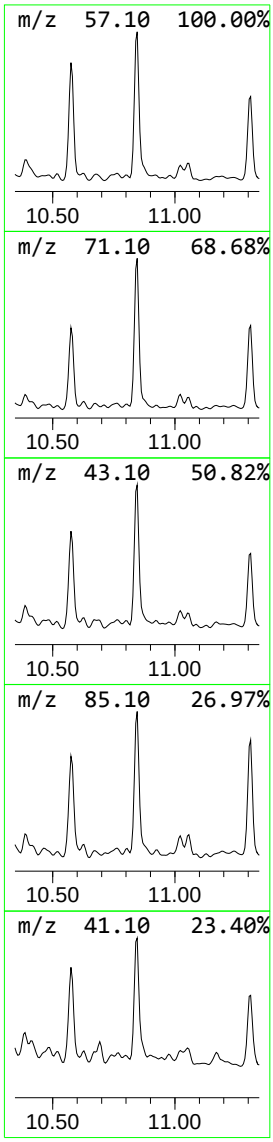
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	24.40 ng	1430940	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





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Acq On : 23 Oct 2024 23:14
Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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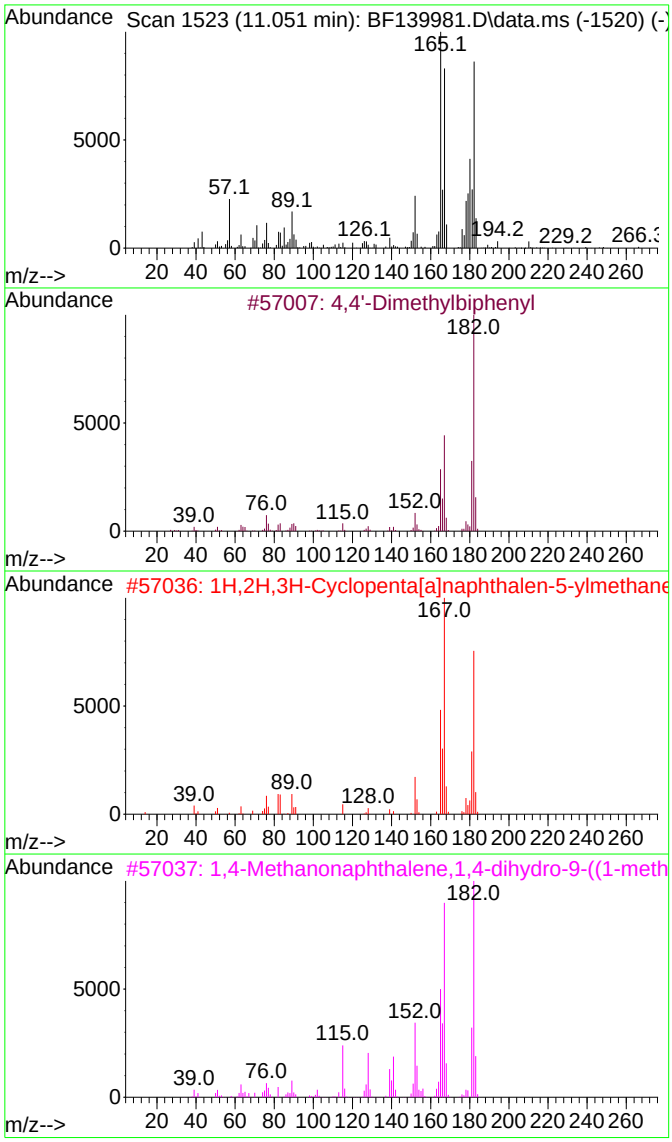
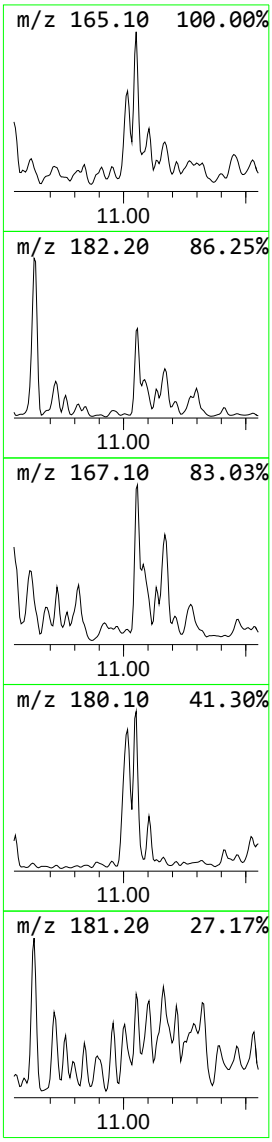
Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	6.49 ng	380942	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	64
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
4	Dehydrochamazulene	182	C14H14	321732-25-6	58
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	50





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Sample : P4472-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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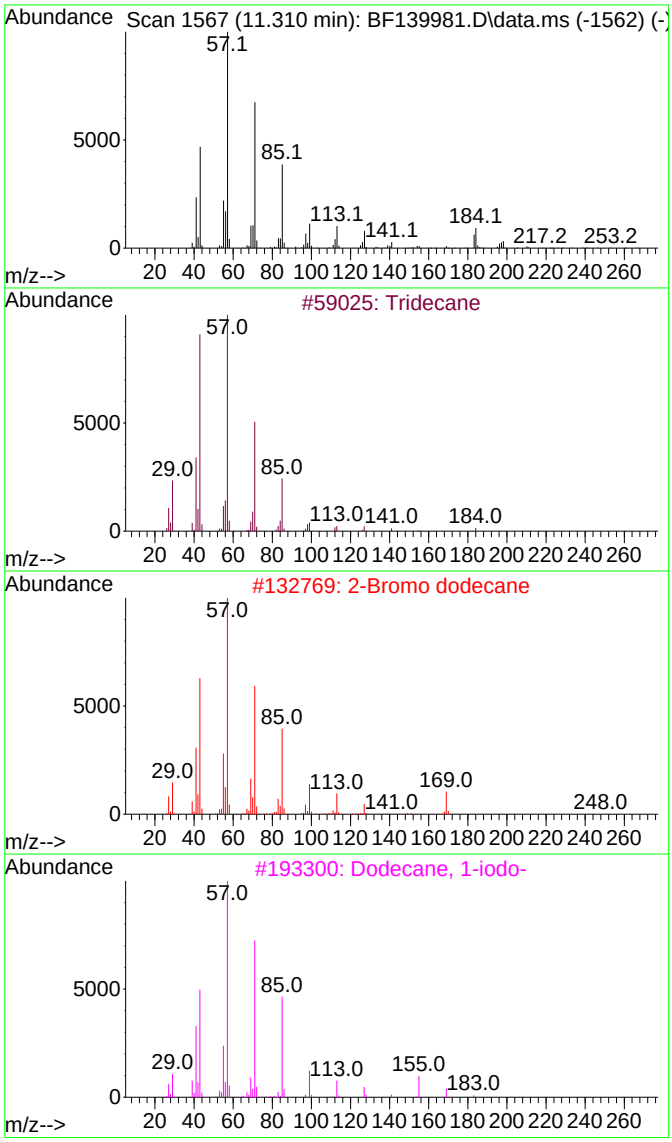
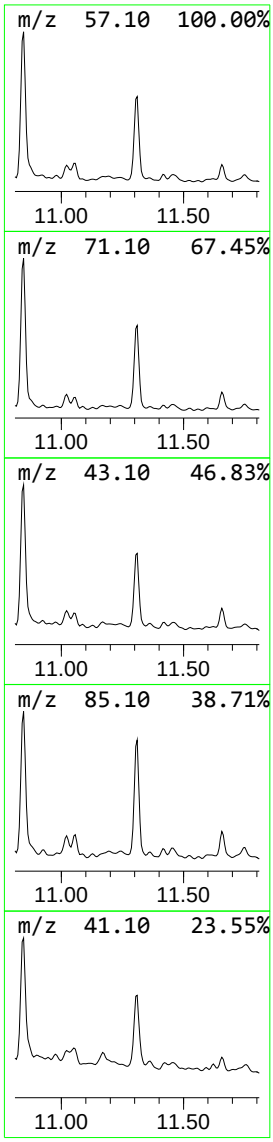
Peak Number 19 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	18.04 ng	1057920	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





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Operator : RC/JU
Sample : P4472-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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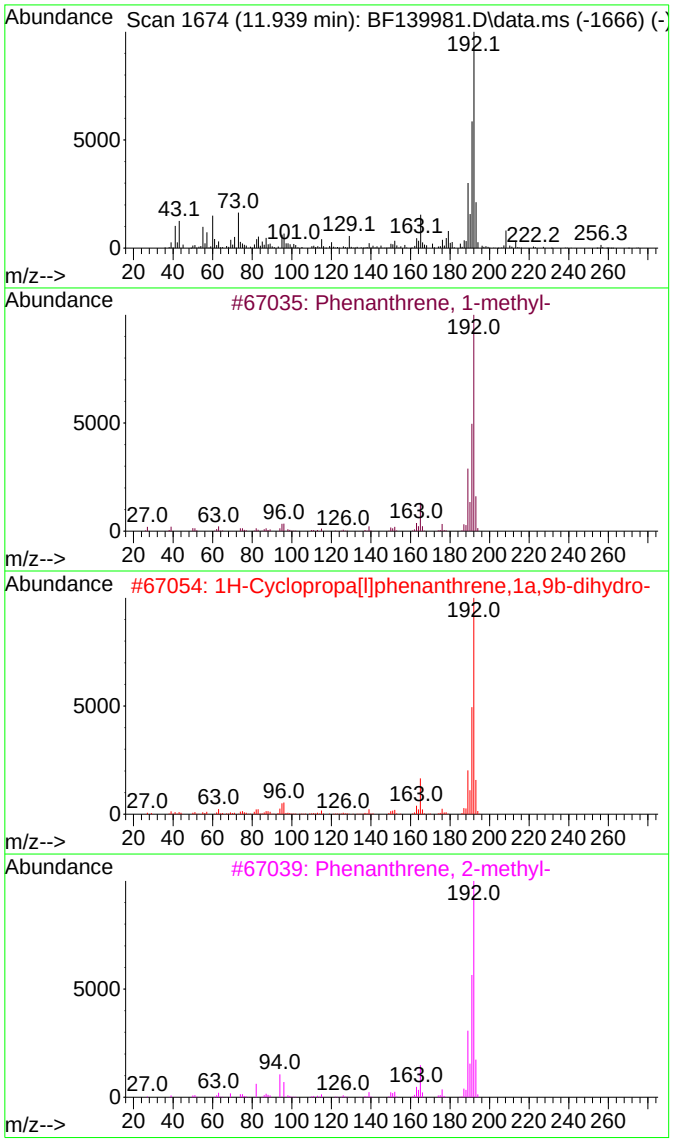
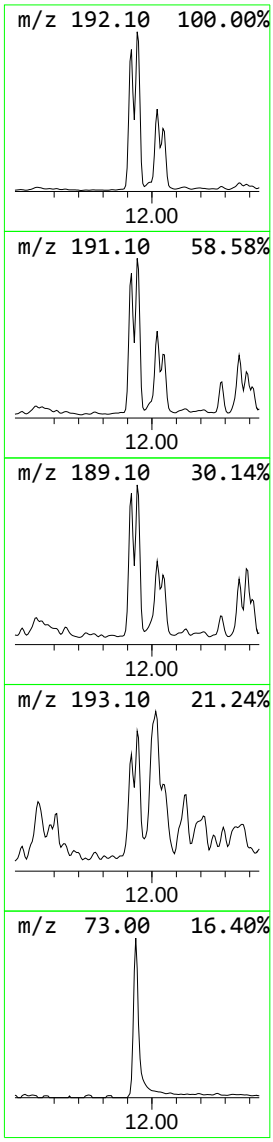
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	13.16 ng	771844	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Tentatively Identified Compound (LSC) summary

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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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...	2.199	67.4	ng	3147620	1	6.893	934306	20.0
Undecane, 4,6-d...	8.592	6.9	ng	734545	2	8.169	2119770	20.0
Naphthalene, 1,...	8.675	7.7	ng	812265	2	8.169	2119770	20.0
Dodecane, 2,7,1...	9.192	15.5	ng	1194620	3	9.928	1540300	20.0
Naphthalene, 1,...	9.398	7.6	ng	588570	3	9.928	1540300	20.0
Naphthalene, 1,...	9.510	16.1	ng	1238740	3	9.928	1540300	20.0
Naphthalene, 2,...	9.586	20.8	ng	1603960	3	9.928	1540300	20.0
Naphthalene, 2,...	9.610	11.3	ng	866569	3	9.928	1540300	20.0
1-Octadecanesul...	9.645	16.2	ng	1245550	3	9.928	1540300	20.0
Naphthalene, 1,...	9.704	7.8	ng	604944	3	9.928	1540300	20.0
Naphthalene, 1,...	10.034	8.1	ng	623122	3	9.928	1540300	20.0
Naphthalene, 1,...	10.122	8.1	ng	624592	3	9.928	1540300	20.0
Naphthalene, 2,...	10.169	13.7	ng	1057400	3	9.928	1540300	20.0
4,6,8-Trimethyl...	10.245	7.0	ng	535818	3	9.928	1540300	20.0
Heptacosane	10.575	14.4	ng	1104850	3	9.928	1540300	20.0
Benzophenone	10.634	9.7	ng	746952	3	9.928	1540300	20.0
Tridecane, 5-pr...	10.845	24.4	ng	1430940	4	11.410	1173120	20.0
4,4'-Dimethylbi...	11.051	6.5	ng	380942	4	11.410	1173120	20.0
Tridecane	11.310	18.0	ng	1057920	4	11.410	1173120	20.0
Phenanthrene, 1...	11.939	13.2	ng	771844	4	11.410	1173120	20.0