LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123635.D
Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123635.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	574	577	588	rVB	3011686	2723059	69.57%	3.061%
2	6.493	746	749	755	rBV	3460400	2817628	71.99%	3.167%
3	6.863	808	812	819	rVB	2533968	2063819	52.73%	2.320%
4	7.140	854	859	862	rVB3	146323	173592	4.44%	0.195%
5	7.257	874	879	882	rBV2	142574	192029	4.91%	0.216%
6	7.422	897	907	910	rBV	2293188	2066519	52.80%	2.323%
7	7.516	918	923	926	rBV4	161937	230999	5.90%	0.260%
8	7.575	926	933	937	rBV4	120696	257384	6.58%	0.289%
9	7.645	943	945	947	rBV	144415	136727	3.49%	0.154%
10	7.675	947	950	952	rVB2	174231	162623	4.15%	0.183%
11	7.769	964	966	968	rVV2	171846	142640	3.64%	0.160%
12	7.792	968	970	973	rVV3	244461	215609	5.51%	0.242%
13	7.834	973	977	979	rVB2	161194	188718	4.82%	0.212%
14	7.863	979	982	984	rBV2	175122	158763	4.06%	0.178%
15	7.898	984	988	992	rVV3	187596	287640	7.35%	0.323%
16	7.969	998	1000	1006	rVB4	122935	158131	4.04%	0.178%
17	8.028	1006	1010	1012	rBV2	99422	152829	3.90%	0.172%
18	8.098	1018	1022	1025	rBV4	138269	222628	5.69%	0.250%
19	8.145	1025	1030	1033	rVV	2831116	2744520	70.12%	3.085%
20	8.169	1033	1034	1037	rVV	499410	305120	7.80%	0.343%
21	8.210	1037	1041	1044	rVB	859399	735391	18.79%	0.827%
22	8.239	1044	1046	1049	rBV	207287	185329	4.74%	0.208%
23	8.357	1063	1066	1068	rVB2	203646	167103	4.27%	0.188%
24	8.439	1073	1080	1083	rBV4	423464	614275	15.69%	0.690%
25	8.498	1087	1090	1092	rBV3	221211	218359	5.58%	0.245%
26	8.528	1092	1095	1099	rVB4	189327	238261	6.09%	0.268%
27	8.575	1099	1103	1105	rBV	987080	857768	21.92%	0.964%
28	8.616	1108	1110	1112	rVB2	222729	175389	4.48%	0.197%
29	8.657	1114	1117	1119	rVB3	171375	141371	3.61%	0.159%
30	8.692	1119	1123	1125	rBV4	184473	230377	5.89%	0.259%
31	8.839	1145	1148	1150	rBV	287425	246445	6.30%	0.277%
32	8.863	1150	1152	1155	rVB	639517	453619	11.59%	0.510%
33	8.928	1161	1163	1165	rBV2	125130	142403	3.64%	0.160%
34	8.963	1166	1169	1173	rVB	896913	757079	19.34%	0.851%
35	9.028	1177	1180	1182	rBV3	198192	213995	5.47%	0.241%
36	9.063	1184	1186	1190	rVB3	203157	237458	6.07%	0.267%

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.145	1198	1200	1202	rBV	210295	160388	4.10%	0.180%
38	9.175	1202	1205	1209	rVB	1008748	755810	19.31%	0.849%
39	9.222	1210	1213	1216	rBV	3082178	2638143	67.40%	2.965%
40	9.316	1224	1229	1233	rBV3	423754	762683	19.49%	0.857%
41	9.422	1245	1247	1251	rVB2	267020	261628	6.68%	0.294%
42	9.492	1255	1259	1263	rVB	563283	836037	21.36%	0.940%
43	9.569	1269	1272	1274	rBV2	1294730	1376786	35.18%	1.547%
44	9.592	1274	1276	1278	rVB	819235	629946	16.09%	0.708%
45	9.634	1278	1283	1285	rBV2	1171160	1610700	41.15%	1.810%
46	9.681	1288	1291	1297	rVB	551634	601970	15.38%	0.677%
47	9.769	1303	1306	1310	rBV2	614537	803932	20.54%	0.904%
48	9.822	1312	1315	1317	rVB	688198	572552	14.63%	0.644%
49	9.910	1323	1330	1332	rBV	2739973	3043036	77.75%	3.420%
50	9.939	1332	1335	1339	rVV	944864	818475	20.91%	0.920%
51	10.016	1345	1348	1352	rVB3	307953	378486	9.67%	0.425%
52	10.110	1361	1364	1367	rVB2	903434	758624	19.38%	0.853%
53	10.151	1369	1371	1372	rBV	264454	183369	4.68%	0.206%
54	10.228	1381	1384	1386	rBV	473479	500845	12.80%	0.563%
55	10.251	1386	1388	1390	rVB	433107	318522	8.14%	0.358%
56	10.322	1397	1400	1405	rVB5	525754	670155	17.12%	0.753%
57	10.457	1419	1423	1429	rBV	1636030	1712685	43.76%	1.925%
58	10.563	1439	1441	1445	rVB	980283	884723	22.60%	0.994%
59	10.610	1447	1449	1454	rVB3	411581	438313	11.20%	0.493%
60	10.692	1461	1463	1467	rVB	1587123	1352303	34.55%	1.520%
61	10.833	1482	1487	1490	rBV	2215492	2308353	58.98%	2.594%
62	11.033	1519	1521	1527	rVB2	604182	782695	20.00%	0.880%
63	11.298	1562	1566	1572	rVB2	3199339	3299988	84.31%	3.709%
64	11.398	1580	1583	1585	rBV	2073273	2018455	51.57%	2.269%
65	11.428	1585	1588	1591	rVV	4228767	3914012	100.00%	4.399%
66	11.475	1593	1596	1599	rVB	1212404	967103	24.71%	1.087%
67	11.651	1623	1626	1629	rBV	731190	656544	16.77%	0.738%
68	11.904	1666	1669	1671	rVV	775300	593802	15.17%	0.667%
69	11.927	1671	1673	1678	rVB	1099286	961892	24.58%	1.081%
70	12.016	1685	1688	1690	rBV2	1248164	1096545	28.02%	1.232%
71	12.198	1717	1719	1721	rBV	417053	310774	7.94%	0.349%
72	12.380	1748	1750	1756	rVB2	665058	982698	25.11%	1.105%
73	12.451	1760	1762	1765	rVV	586160	523886	13.38%	0.589%
74	12.616	1787	1790	1795	rVB	3798004	3552028	90.75%	3.992%
75	12.845	1824	1829	1835	rVB	3340406	3830441	97.86%	4.305%
76	12.986	1850	1853	1861	rVB	2361458	2451347	62.63%	2.755%

LSC Area Percent Report

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Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.057	1863	1865	1869	rBV2	283054	385702	9.85%	0.434%
78	13.174	1882	1885	1888	rVB	853235	788228	20.14%	0.886%
79	13.239	1893	1896	1899	rVV	848297	768779	19.64%	0.864%
80	13.280	1900	1903	1911	rVB	633663	716354	18.30%	0.805%
81	13.369	1916	1918	1921	rVV	494385	393142	10.04%	0.442%
82	13.398	1921	1923	1927	rVB	429994	389544	9.95%	0.438%
83	13.821	1993	1995	1997	rVB	273440	199148	5.09%	0.224%
84	13.845	1997	1999	2003	rBV2	197331	250912	6.41%	0.282%
85	14.039	2028	2032	2035	rBV2	2337257	3350215	85.60%	3.765%
86	14.069	2035	2037	2043	rVB	1629119	1583144	40.45%	1.779%
87	14.127	2045	2047	2049	rBV	140877	125282	3.20%	0.141%
88	14.151	2049	2051	2054	rVB	217334	151554	3.87%	0.170%
89	14.398	2090	2093	2094	rBV	127592	123772	3.16%	0.139%
90	14.433	2096	2099	2102	rVV	464353	498302	12.73%	0.560%
91	14.463	2102	2104	2108	rVB	277306	240387	6.14%	0.270%
92	14.557	2118	2120	2122	rBV2	241234	195375	4.99%	0.220%
93	15.098	2207	2212	2215	rBV	1020561	1702950	43.51%	1.914%
94	15.204	2227	2230	2233	rVB	254062	270600	6.91%	0.304%
95	15.404	2260	2264	2270	rVB	678780	906987	23.17%	1.019%
96	15.463	2270	2274	2281	rVV	1042997	1364866	34.87%	1.534%
97	15.533	2281	2286	2289	rVV2	1216238	1627931	41.59%	1.830%
98	15.563	2289	2291	2297	rVB2	347710	414874	10.60%	0.466%
99	17.015	2533	2538	2546	rVB2	325990	642465	16.41%	0.722%
100	17.462	2609	2614	2626	rVB2	258496	544949	13.92%	0.612%

Sum of corrected areas: 88971735

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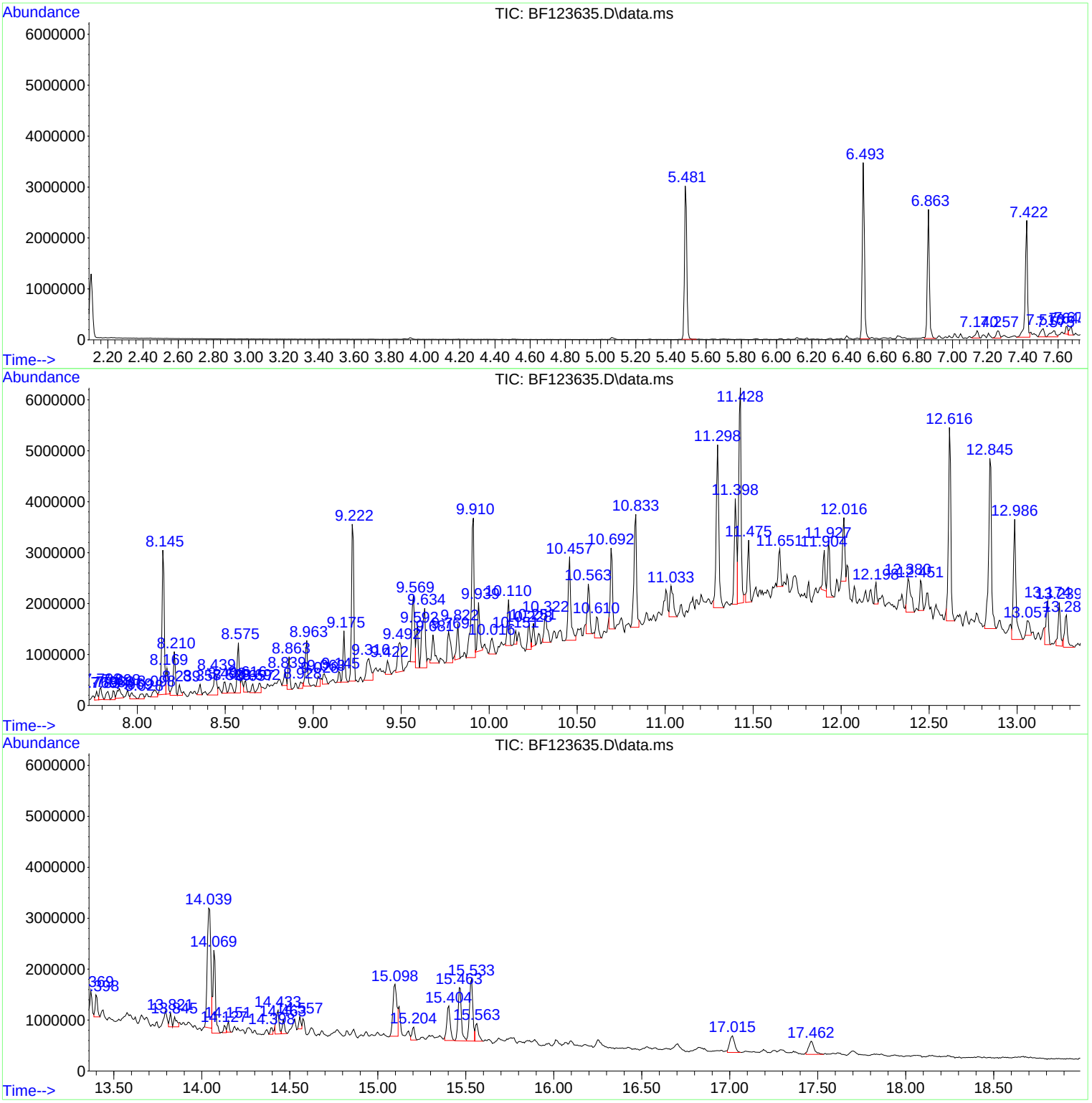
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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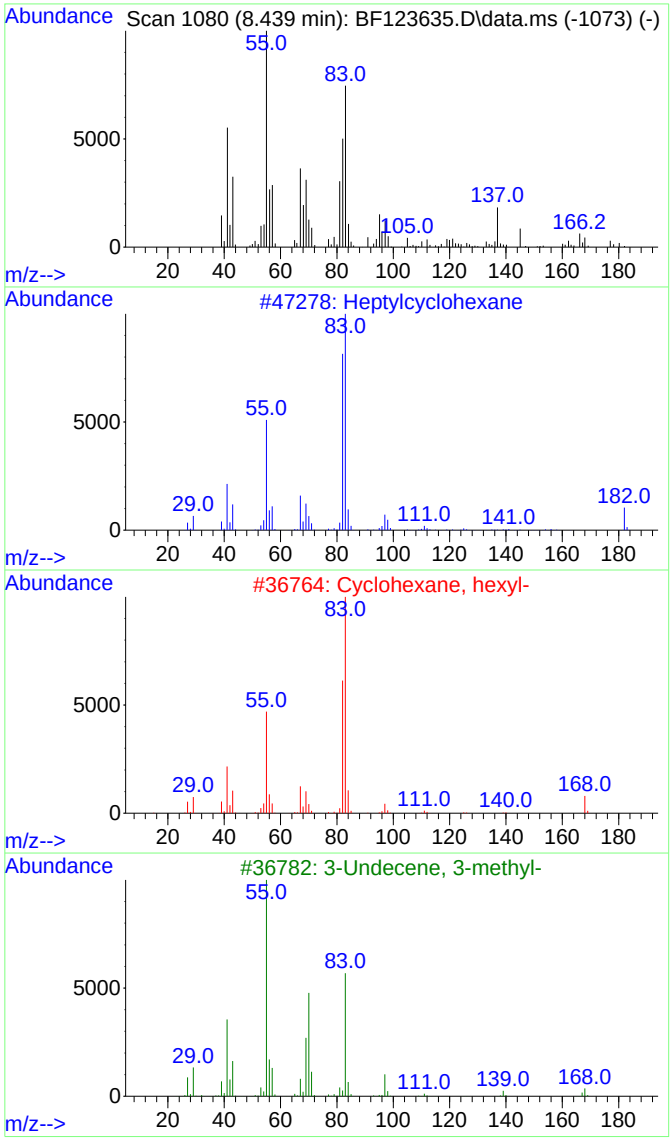
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

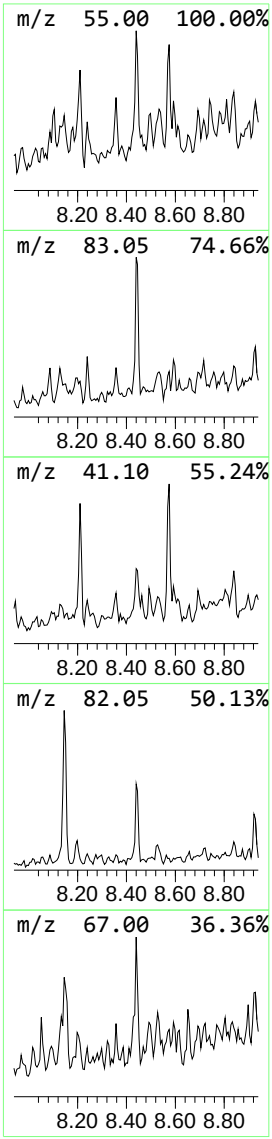
****

Peak Number 1 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	4.48 ng	614275	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	58
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
3	3-Undecene, 3-methyl-	168	C12H24	023381-94-4	46
4	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	43
5	1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

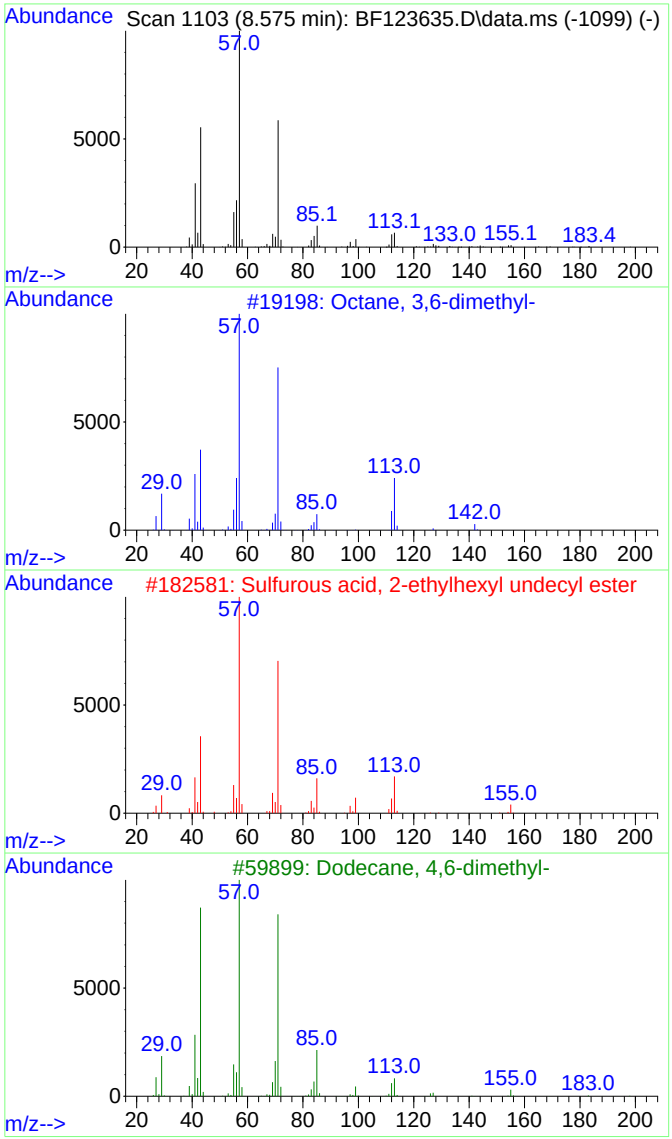
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

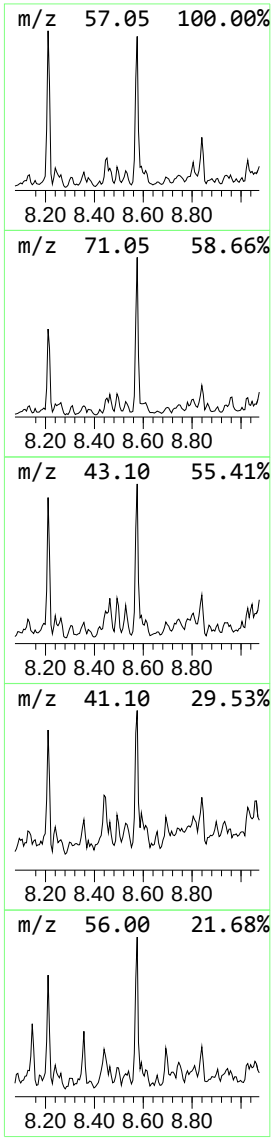
****

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	6.25 ng	857768	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
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Sample : M2034-03 2X
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Instrument : BNA_F
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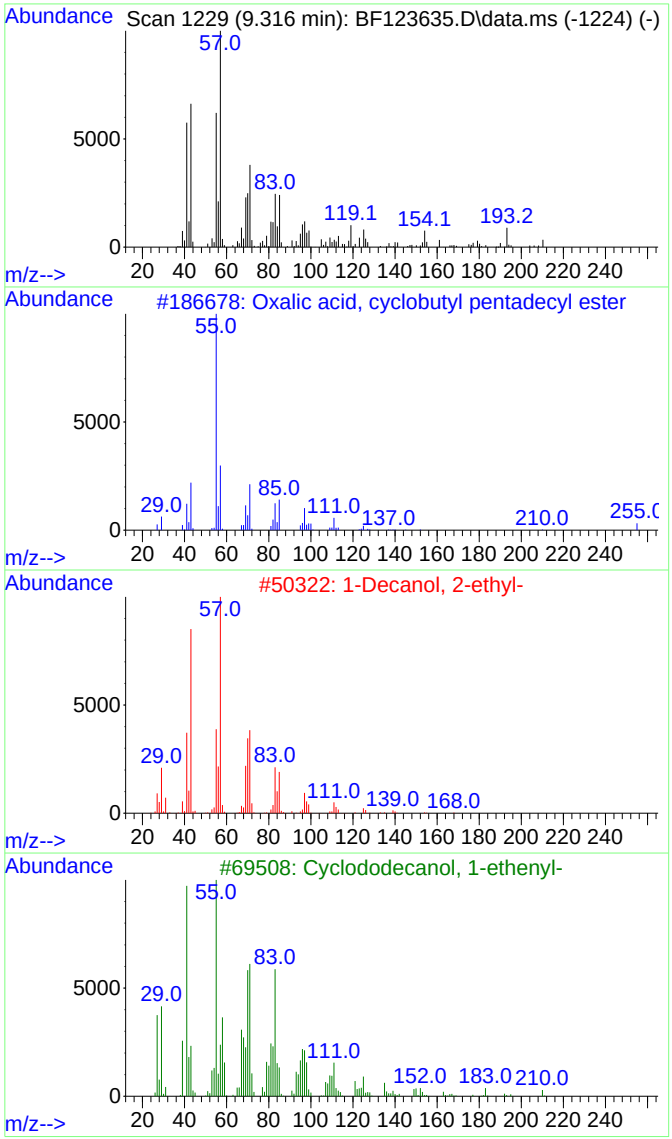
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

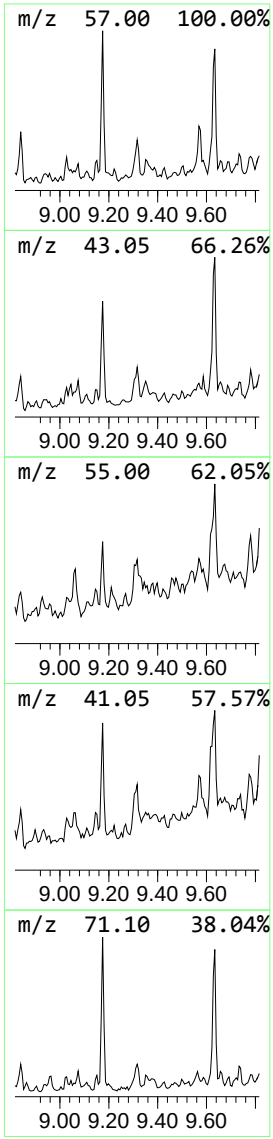
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxalic acid, cyclobutyl pen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	5.01 ng	762683	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	64
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	64
3	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	60
4	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	52
5	Undecane	156	C11H24	001120-21-4	49





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Sample : M2034-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

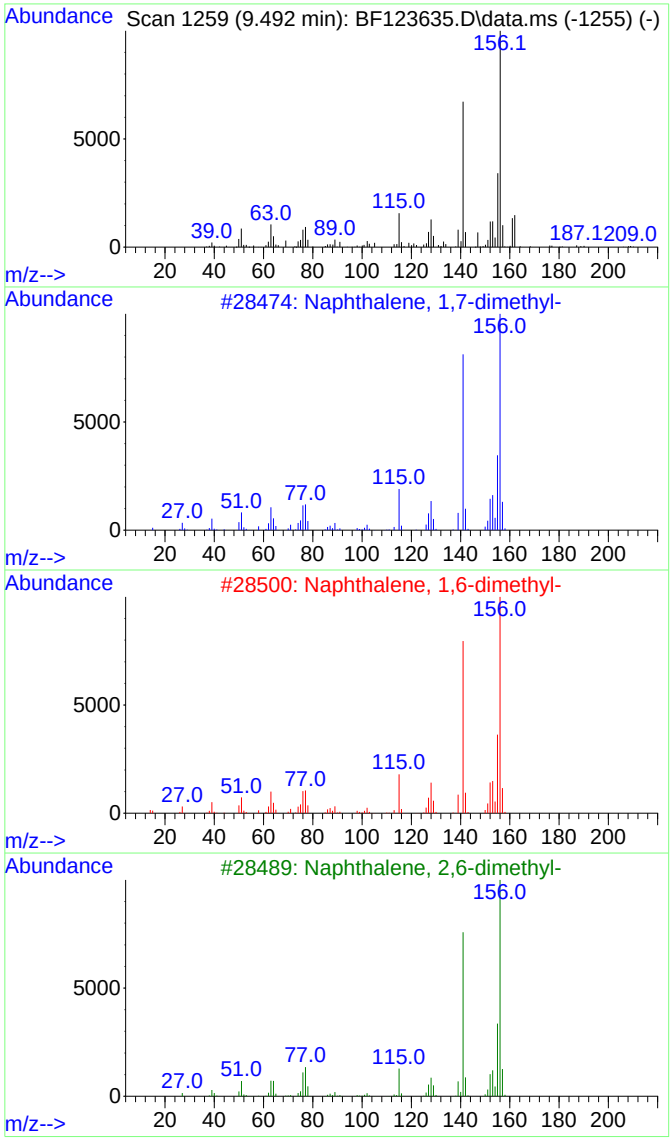
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

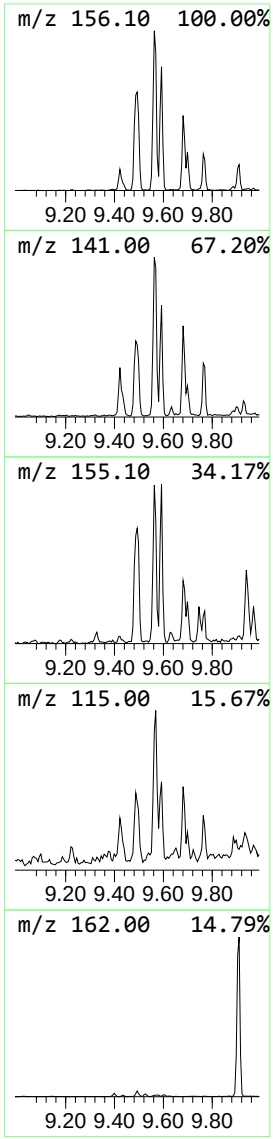
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	5.49 ng	836037	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123635.D
Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

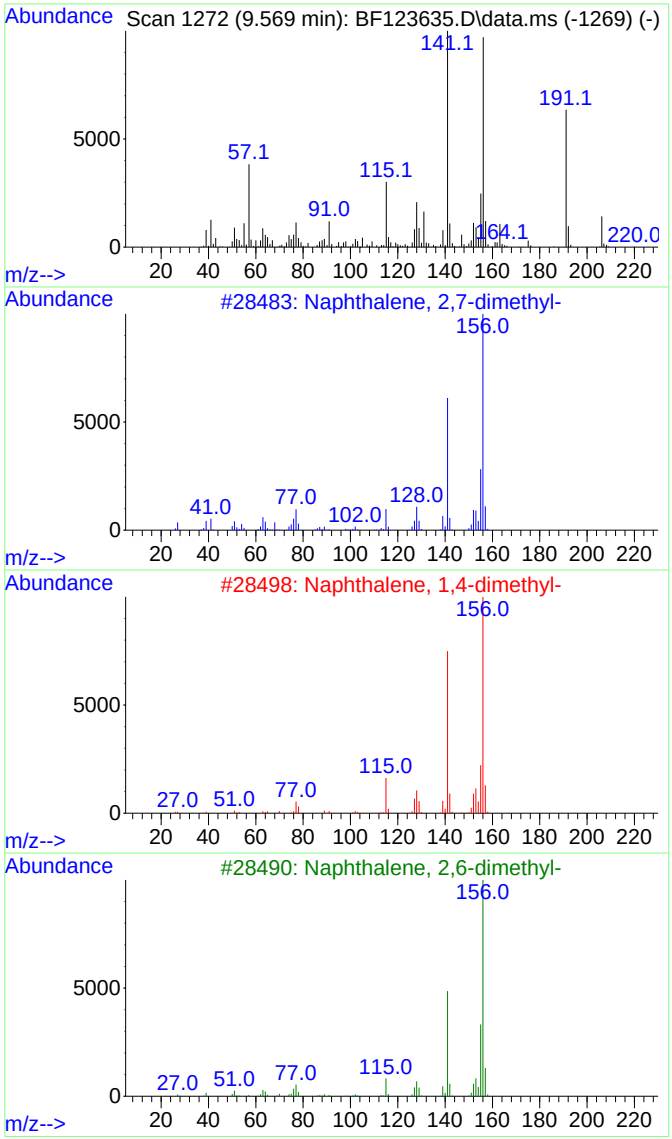
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

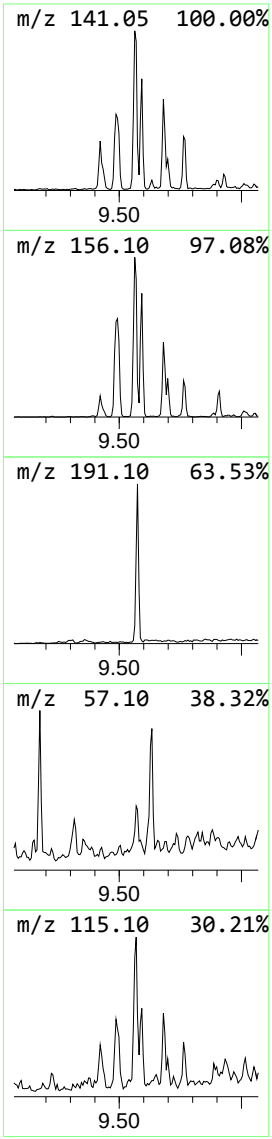
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	9.05 ng	1376790	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89





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Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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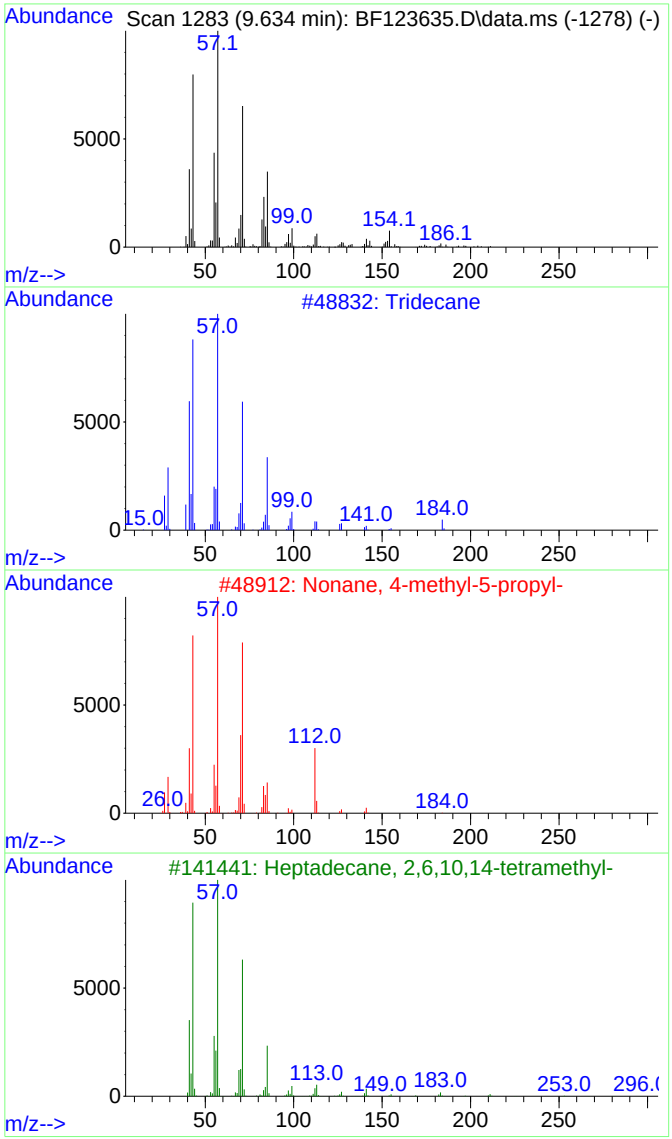
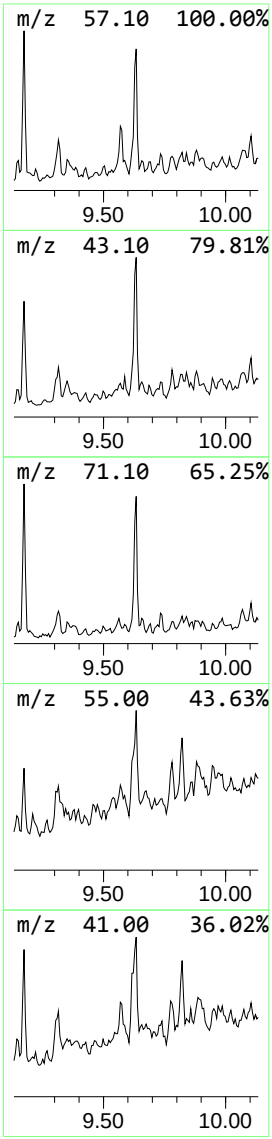
Peak Number 6 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	10.59 ng	1610700	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	68
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58





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Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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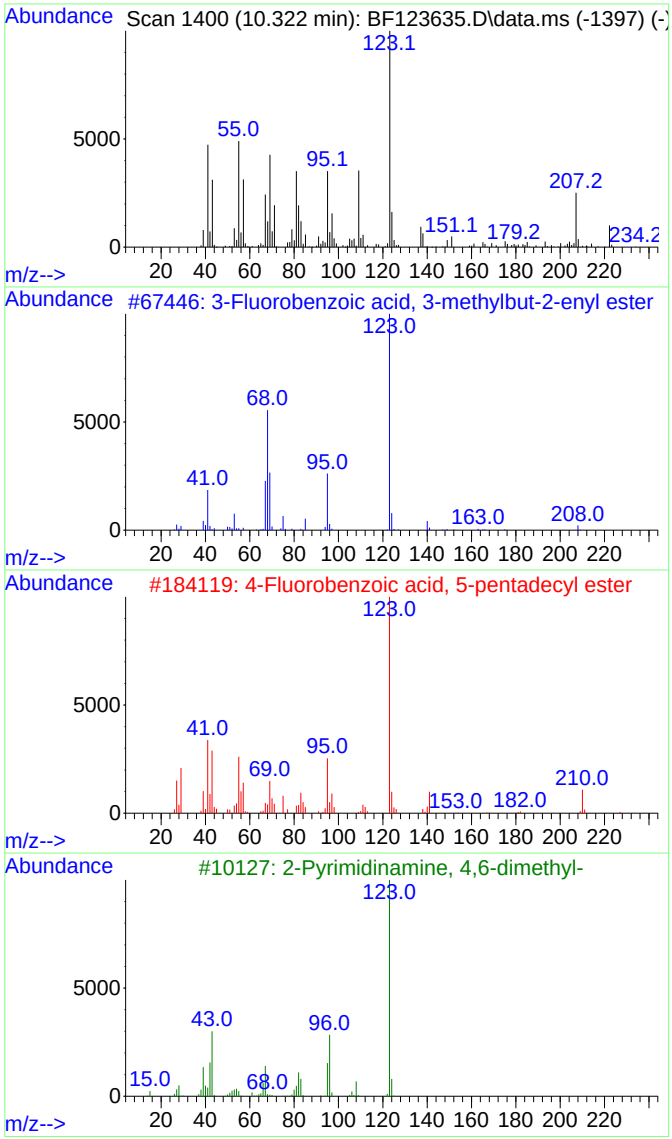
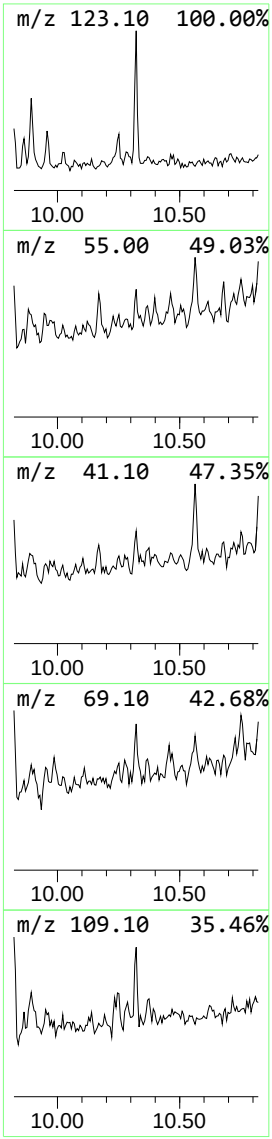
Peak Number 7 unknown10.322 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	4.40 ng	670155	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	46
2	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	43
3	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	43
4	1-(1-Ethyl-2,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-6	43
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43





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Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1979

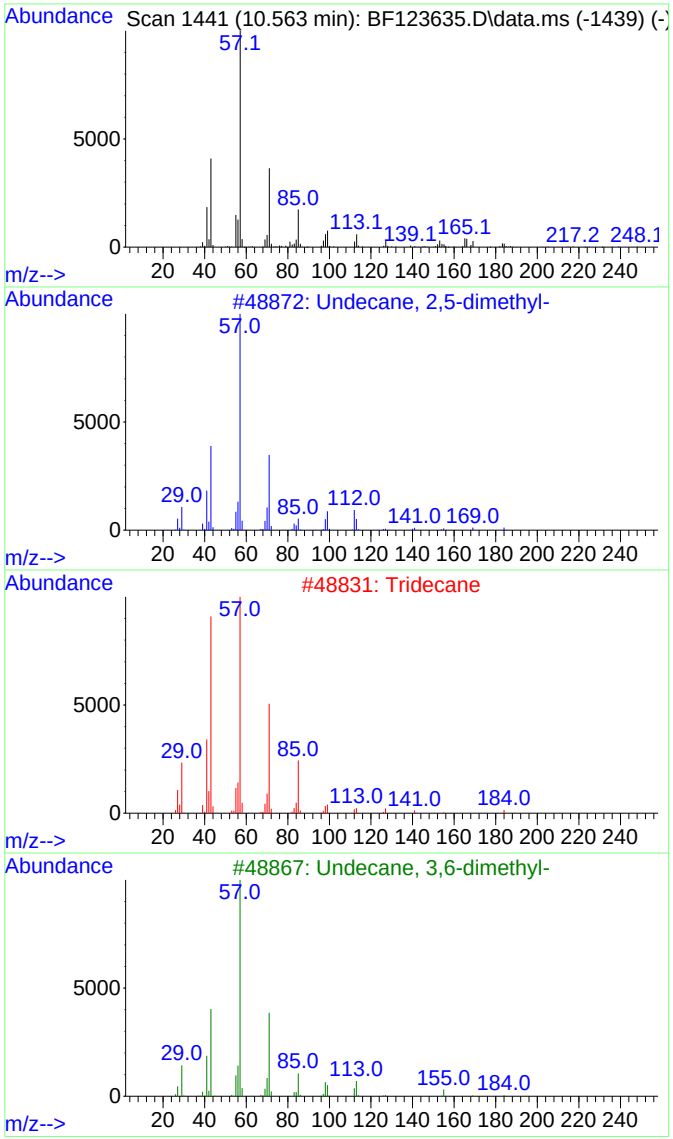
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

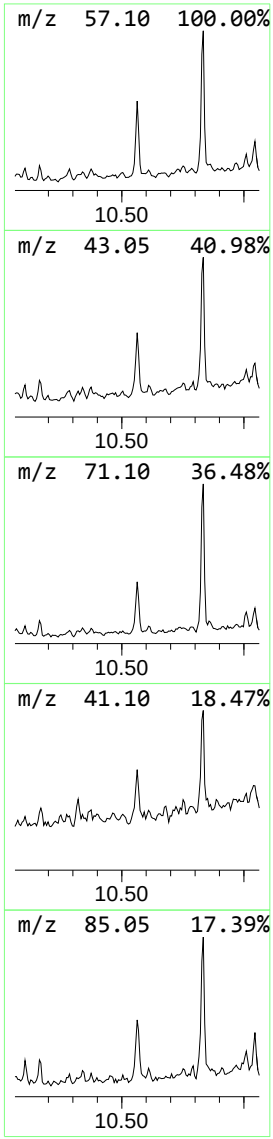
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	5.81 ng	884723	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
2	Tridecane	184	C13H28	000629-50-5	64
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59





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Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

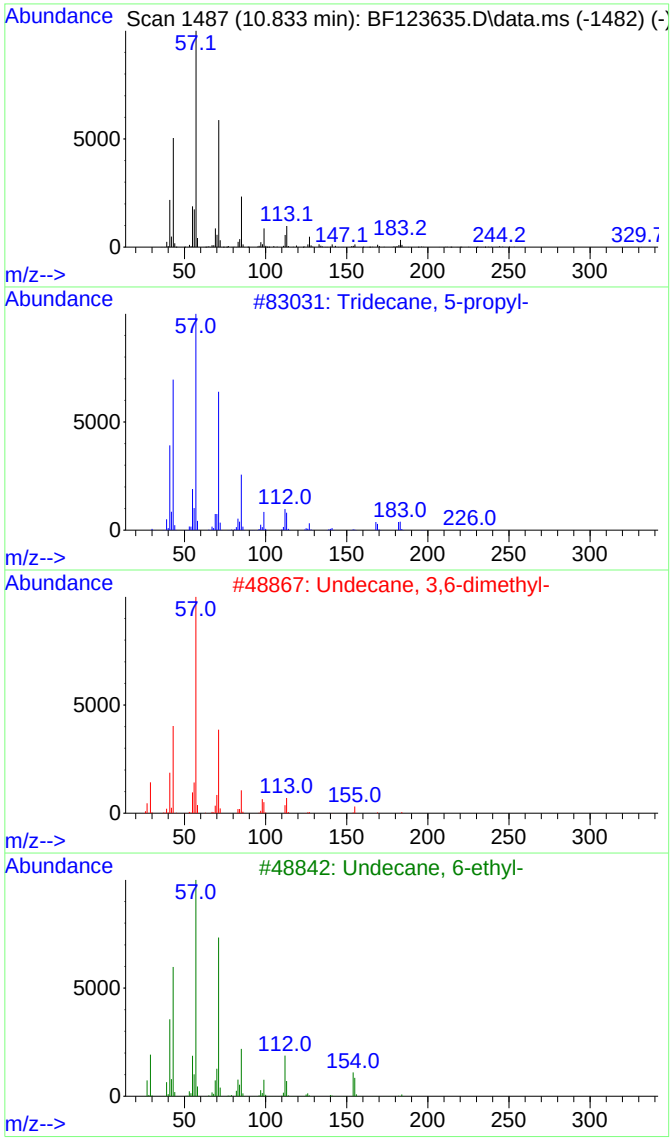
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

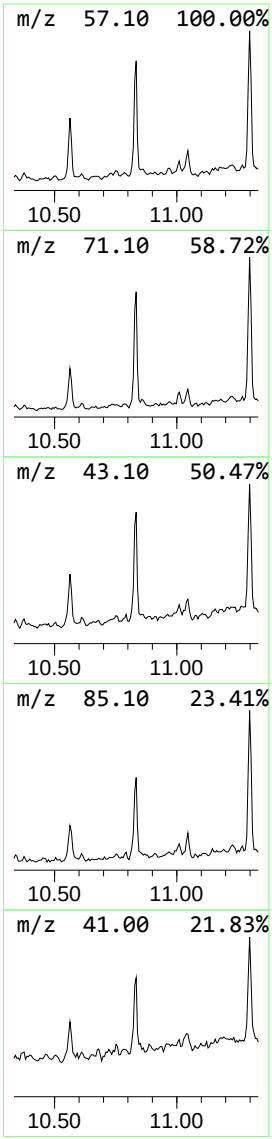
****

Peak Number 9 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	22.87 ng	2308350	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





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Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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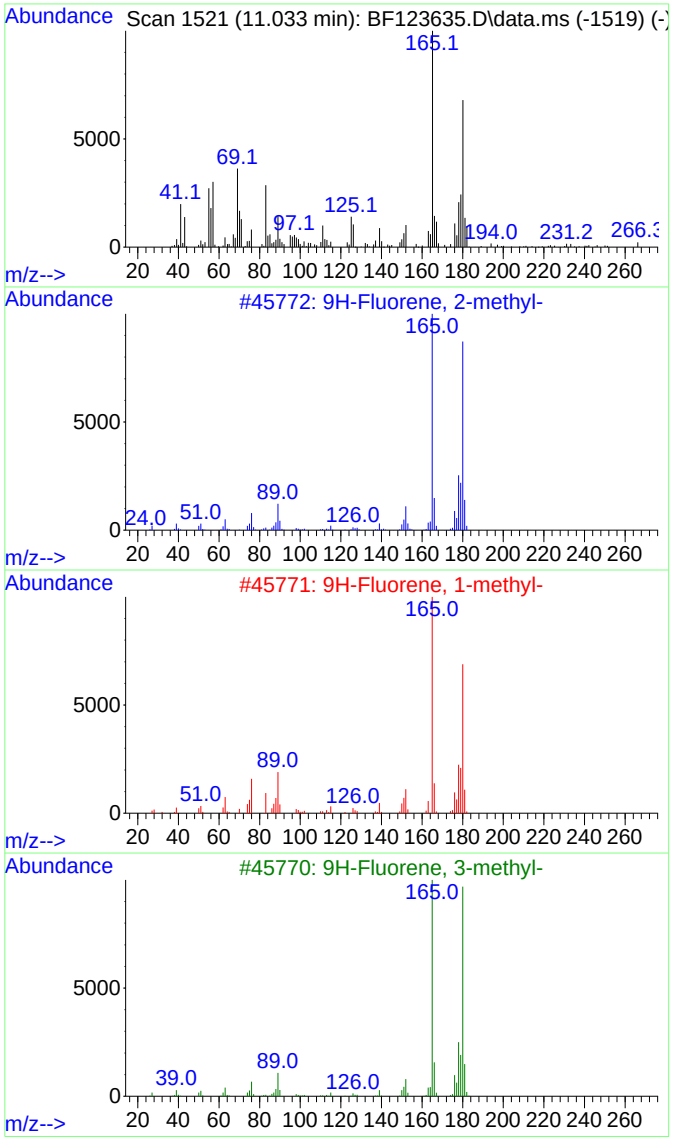
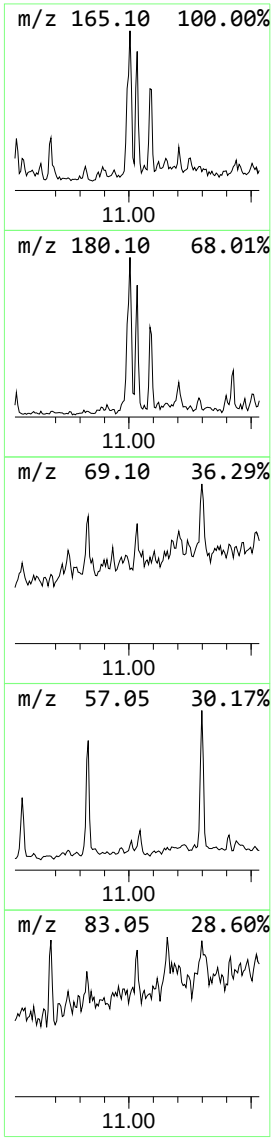
Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	7.76 ng	782695	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





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Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

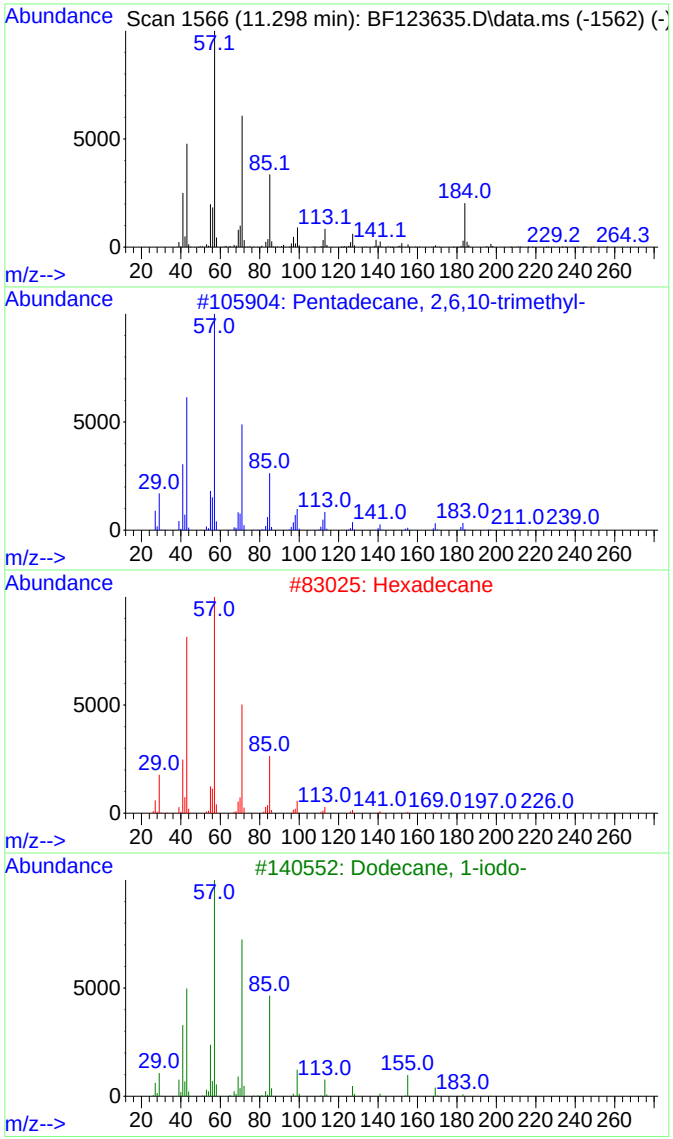
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

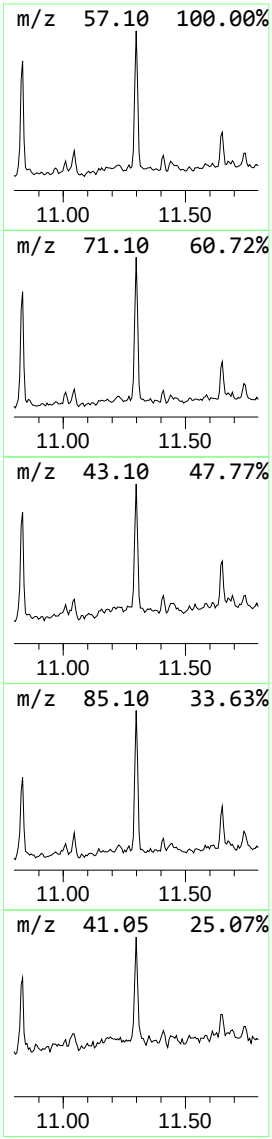
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	32.70 ng	3299990	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2	Hexadecane	226	C16H34	000544-76-3	70
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	68
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58





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Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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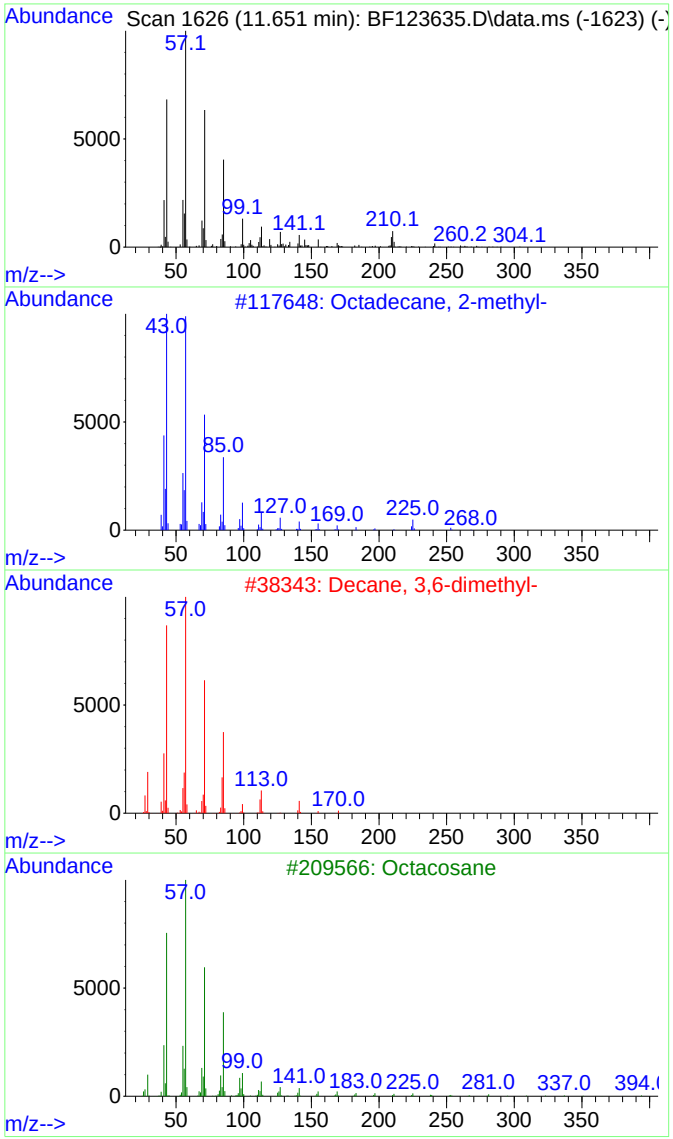
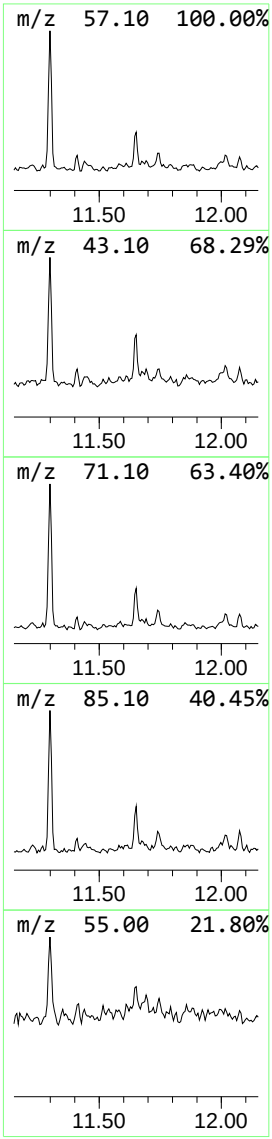
Peak Number 12 Octadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	6.51 ng	656544	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	87





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Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

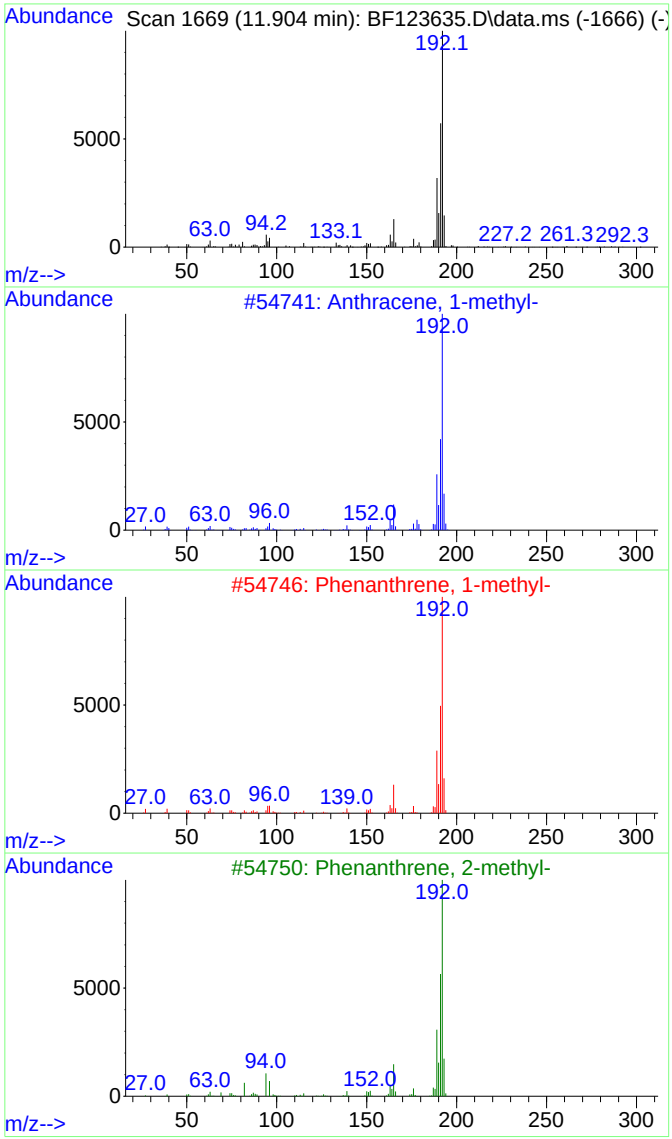
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

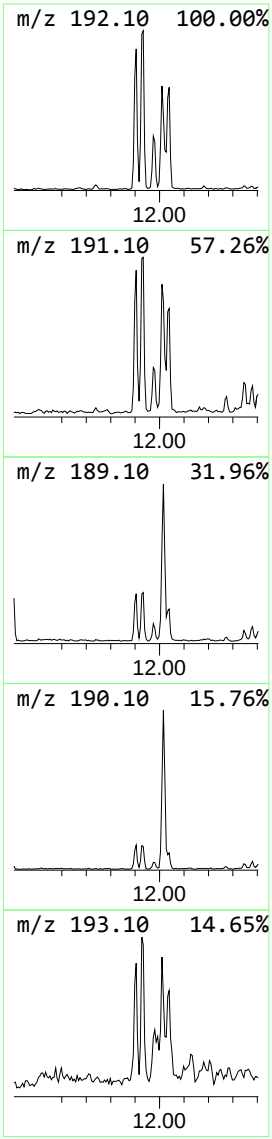
****

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.88 ng	593802	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

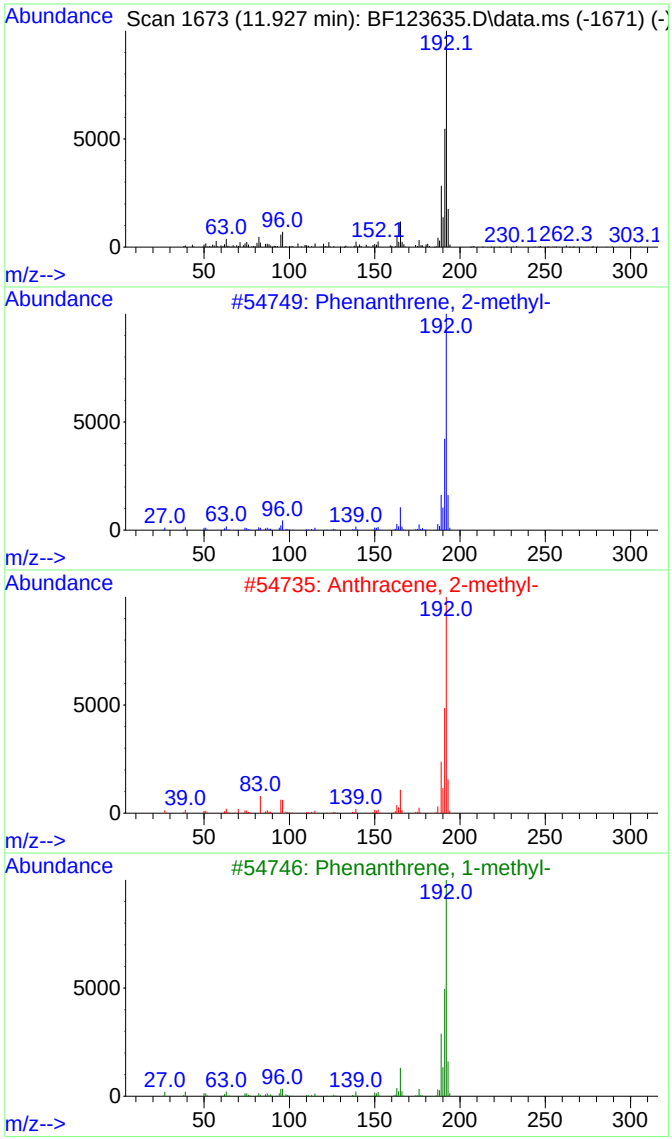
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

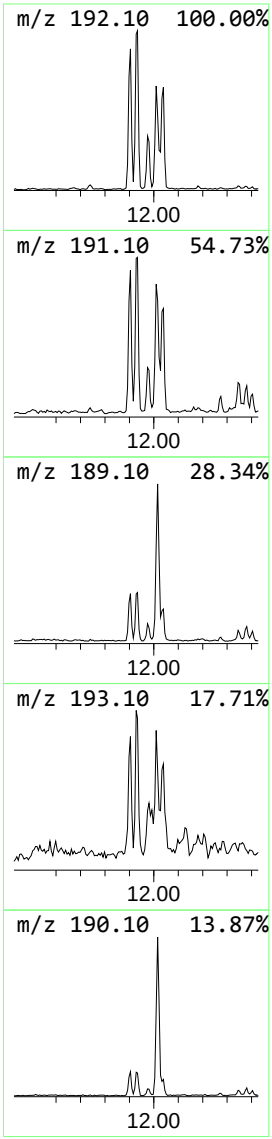
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	9.53 ng	961892	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

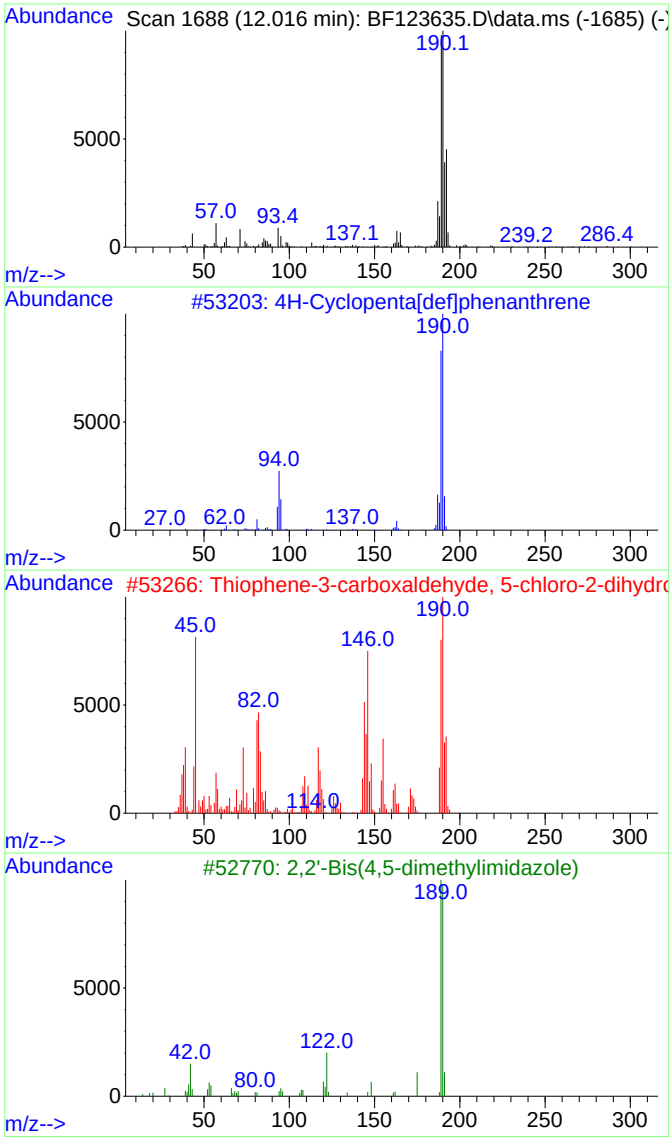
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

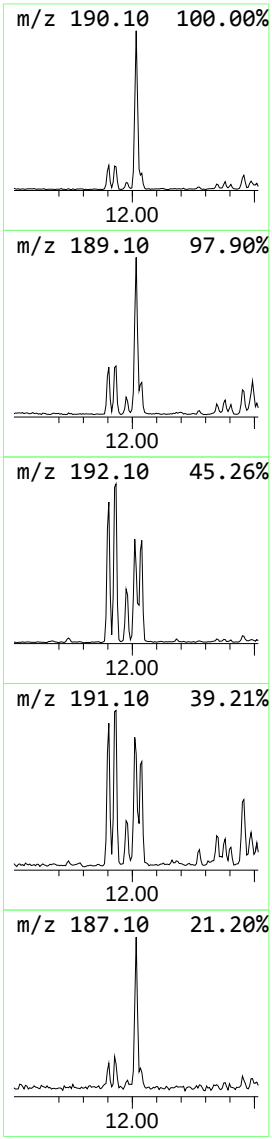
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	10.87 ng	1096550	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	28





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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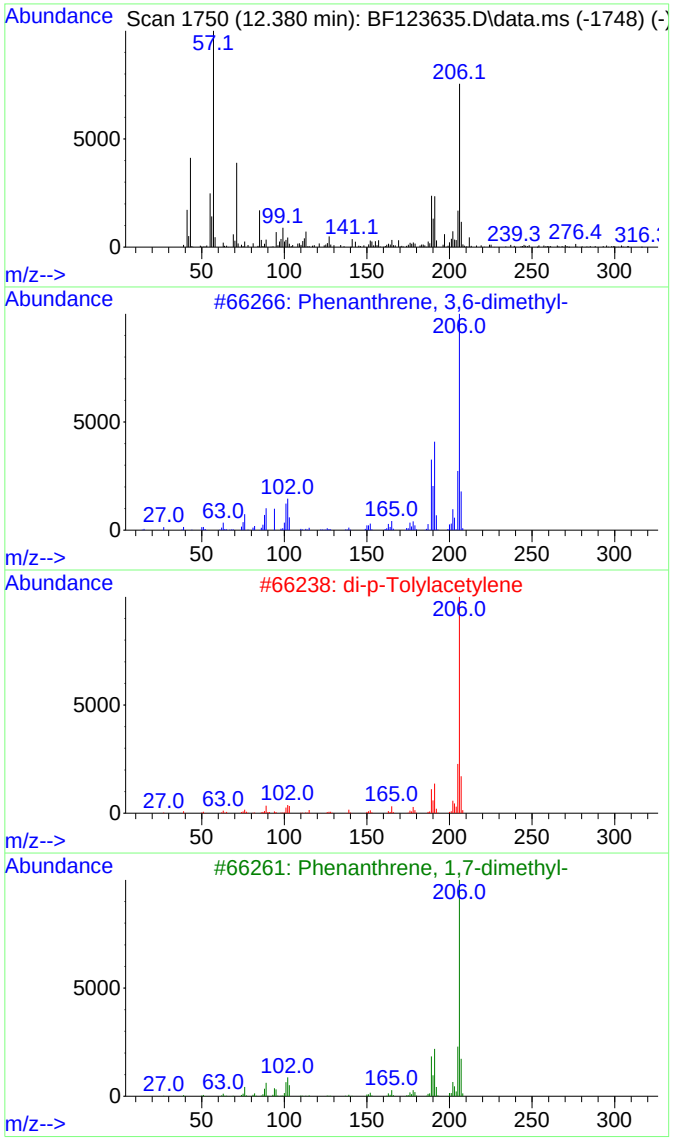
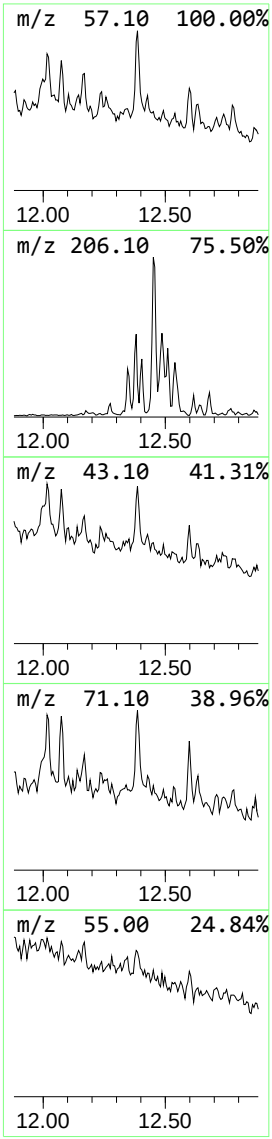
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	9.74 ng	982698	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	49





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Data File : BF123635.D
Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

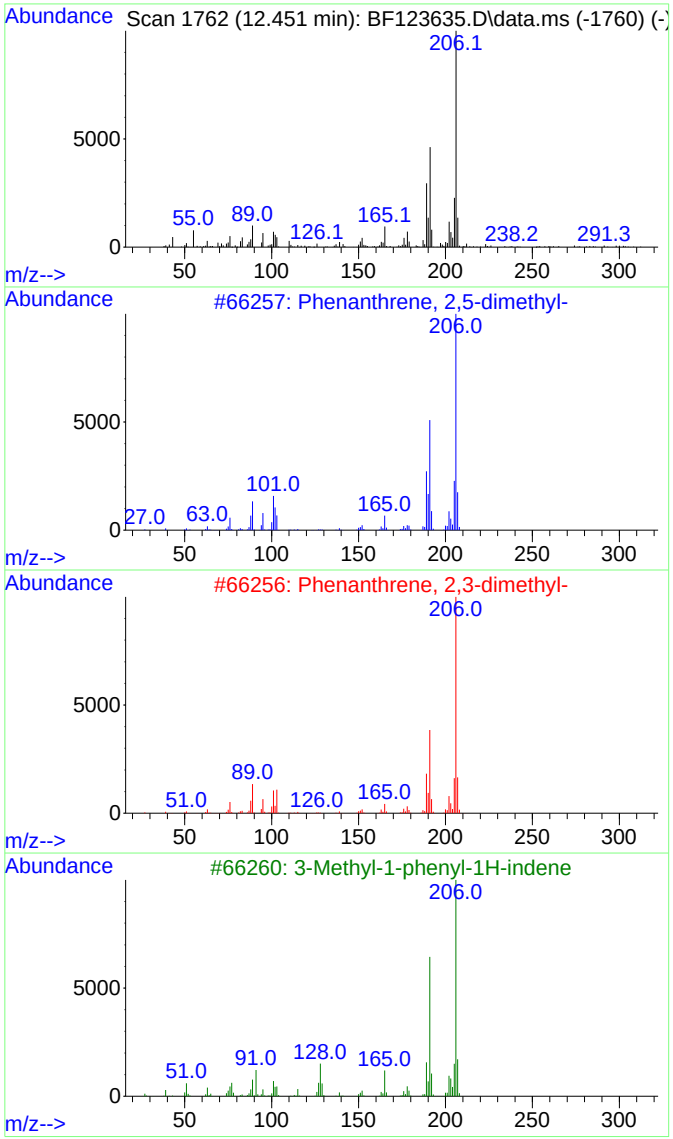
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

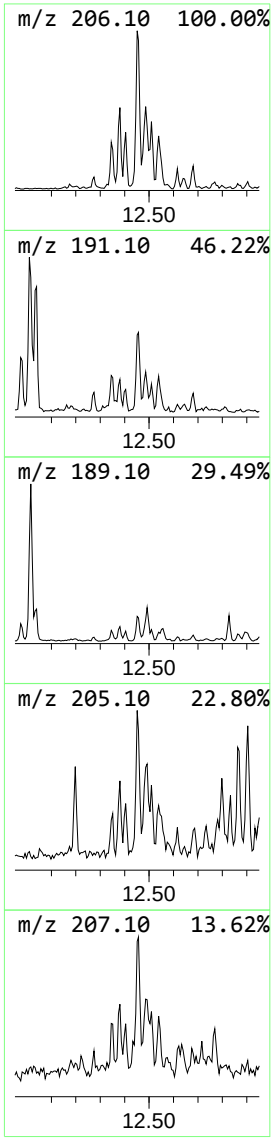
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	5.19 ng	523886	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81





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Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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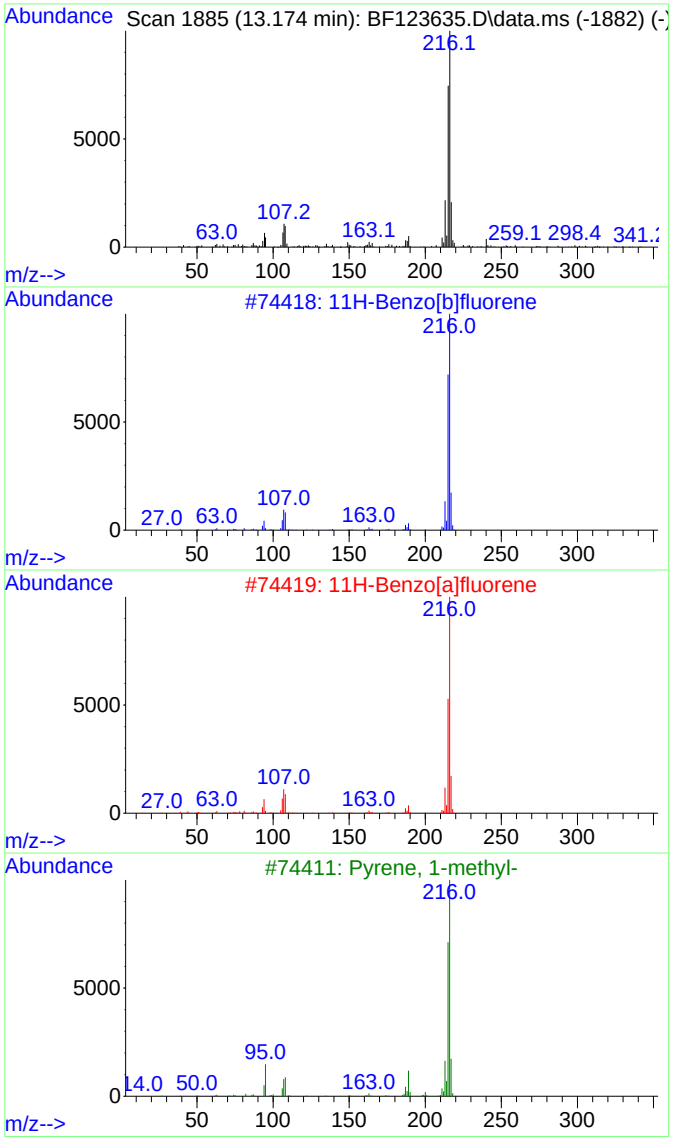
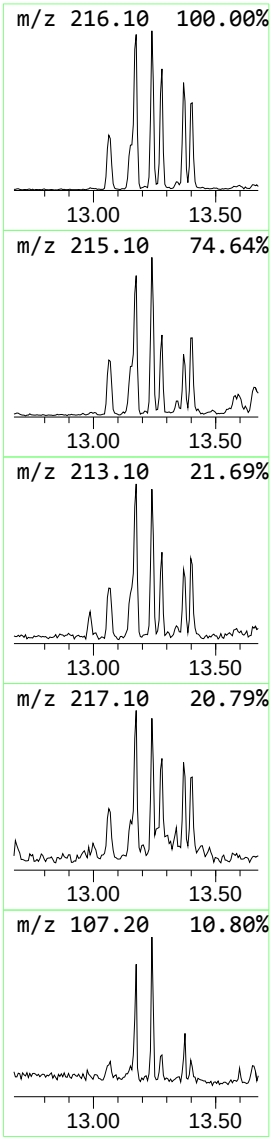
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	4.71 ng	788228	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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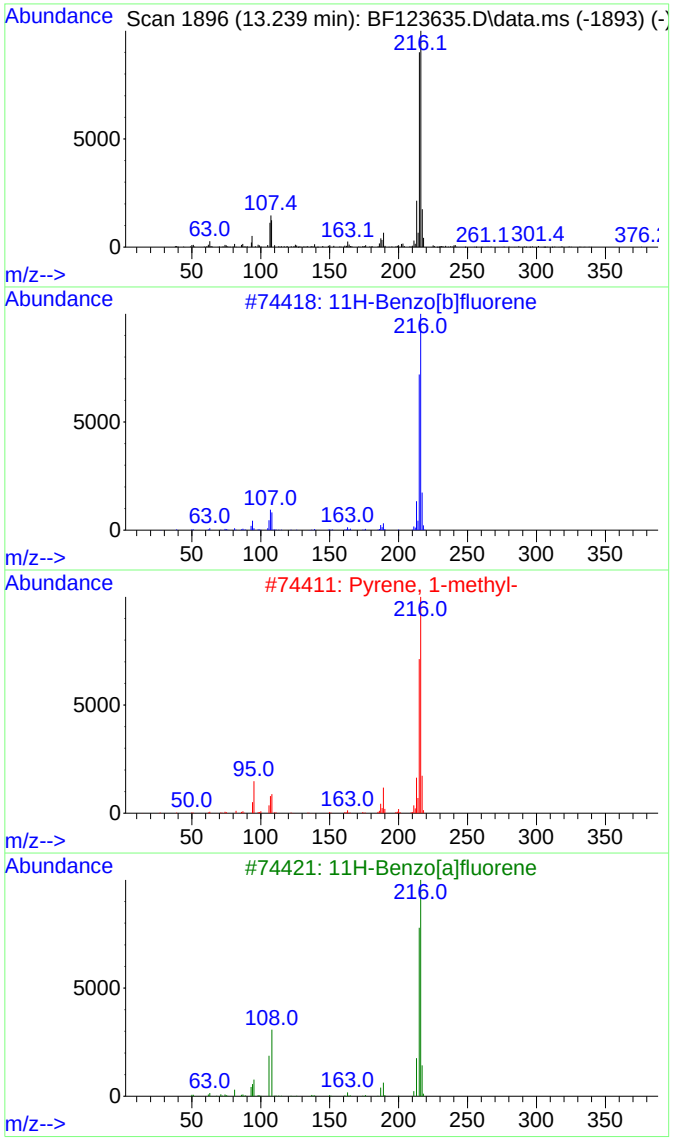
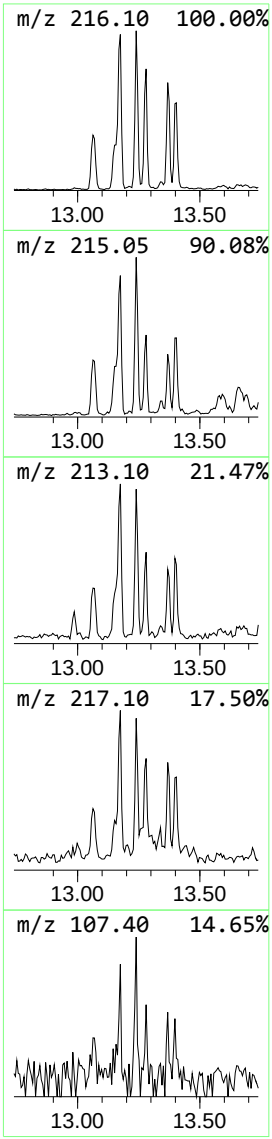
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	4.59 ng	768779	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Data File : BF123635.D
Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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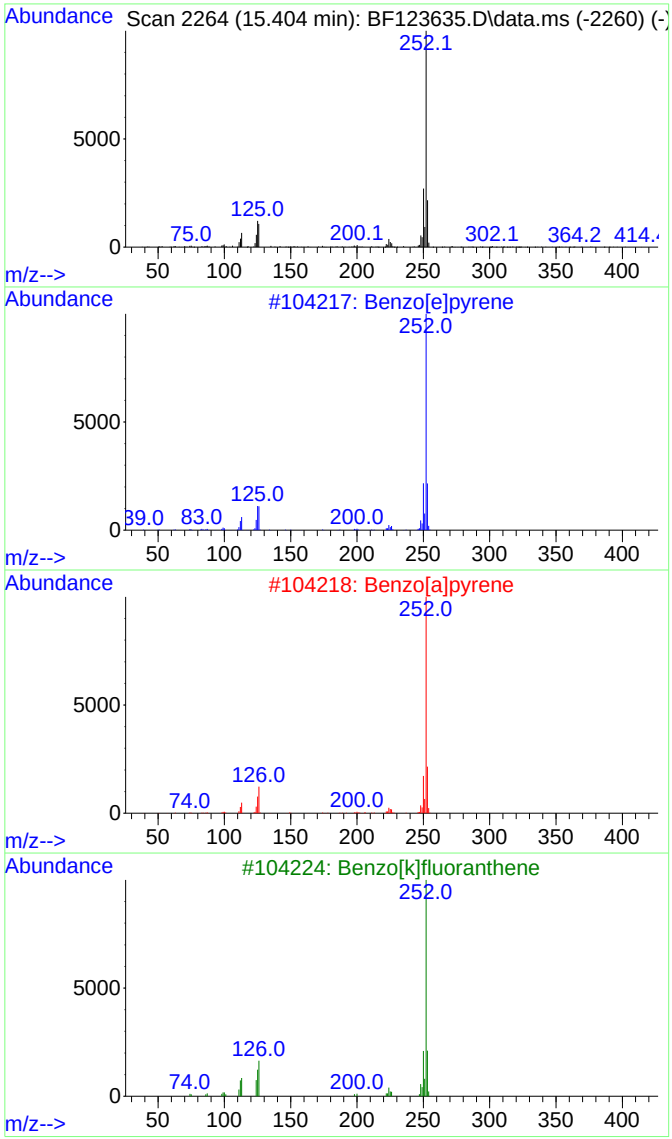
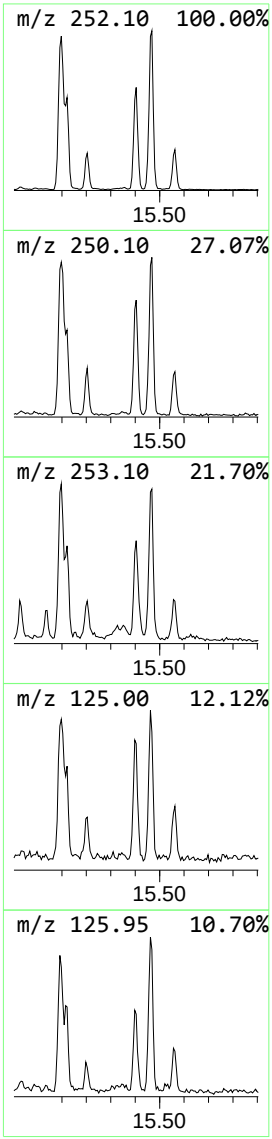
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	11.14 ng	906987	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123635.D
Acq On : 19 Apr 2021 22:06
Operator : JU/CG
Sample : M2034-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1979

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptylcyclohexane	8.439	4.5	ng	614275	2	8.145	2744520	20.0
Octane, 3,6-dim...	8.575	6.3	ng	857768	2	8.145	2744520	20.0
Oxalic acid, cy...	9.316	5.0	ng	762683	3	9.910	3043040	20.0
Naphthalene, 1,...	9.492	5.5	ng	836037	3	9.910	3043040	20.0
Naphthalene, 2,...	9.569	9.1	ng	1376790	3	9.910	3043040	20.0
Tridecane	9.634	10.6	ng	1610700	3	9.910	3043040	20.0
unknown10.322	10.322	4.4	ng	670155	3	9.910	3043040	20.0
Undecane, 2,5-d...	10.563	5.8	ng	884723	3	9.910	3043040	20.0
Tridecane, 5-pr...	10.834	22.9	ng	2308350	4	11.398	2018460	20.0
9H-Fluorene, 2-...	11.033	7.8	ng	782695	4	11.398	2018460	20.0
Pentadecane, 2,...	11.298	32.7	ng	3299990	4	11.398	2018460	20.0
Octadecane, 2-m...	11.651	6.5	ng	656544	4	11.398	2018460	20.0
Anthracene, 1-m...	11.904	5.9	ng	593802	4	11.398	2018460	20.0
Phenanthrene, 2...	11.928	9.5	ng	961892	4	11.398	2018460	20.0
4H-Cyclopenta[d...	12.016	10.9	ng	1096550	4	11.398	2018460	20.0
Phenanthrene, 3...	12.380	9.7	ng	982698	4	11.398	2018460	20.0
Phenanthrene, 2...	12.451	5.2	ng	523886	4	11.398	2018460	20.0
11H-Benzo[b]flu...	13.175	4.7	ng	788228	5	14.045	3350220	20.0
Pyrene, 1-methyl-	13.239	4.6	ng	768779	5	14.045	3350220	20.0
Benzo[e]pyrene	15.404	11.1	ng	906987	6	15.533	1627930	20.0