LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137346.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	298	304	318	rBV	1675594	2285246	46.94%	3.202%
2	5.387	557	561	563	rBV2	36379	48848	1.00%	0.068%
3	5.434	563	569	572	rVV	1575334	2219290	45.58%	3.110%
4	6.104	675	683	700	rVB2	25907	87280	1.79%	0.122%
5	6.422	733	737	759	rBV	2075300	2446464	50.25%	3.428%
6	6.787	795	799	806	rBV	632504	623188	12.80%	0.873%
7	7.039	839	842	849	rBV	61692	71154	1.46%	0.100%
8	7.192	864	868	880	rBV	328149	413684	8.50%	0.580%
9	7.345	890	894	907	rBV	1594761	1427710	29.32%	2.001%
10	7.469	912	915	924	rBV	60644	70225	1.44%	0.098%
11	7.728	954	959	962	rBV	4217746	4381874	90.00%	6.140%
12	7.816	969	974	975	rBV	1615819	1434685	29.47%	2.010%
13	7.834	975	977	987	rVB	2396784	2230168	45.81%	3.125%
14	7.992	1001	1004	1006	rBV	67892	54259	1.11%	0.076%
15	8.022	1006	1009	1013	rVV	229028	206622	4.24%	0.290%
16	8.063	1013	1016	1019	rVV	923959	807038	16.58%	1.131%
17	8.086	1019	1020	1023	rVB	116756	59991	1.23%	0.084%
18	8.139	1023	1029	1032	rBV	4677342	4743760	97.44%	6.647%
19	8.186	1035	1037	1040	rBV	114169	92166	1.89%	0.129%
20	8.222	1040	1043	1048	rBV	1494716	1276432	26.22%	1.789%
21	8.298	1052	1056	1059	rBV	2437815	2314761	47.54%	3.243%
22	8.334	1059	1062	1068	rVB	1374131	1134573	23.30%	1.590%
23	8.422	1072	1077	1080	rBV	1073303	1009877	20.74%	1.415%
24	8.504	1086	1091	1094	rBV	2912035	2942743	60.44%	4.123%
25	8.575	1098	1103	1106	rVB	1558899	1231642	25.30%	1.726%
26	8.639	1108	1114	1116	rBV	2380655	2150973	44.18%	3.014%
27	8.669	1116	1119	1125	rVB	2227442	2235144	45.91%	3.132%
28	8.728	1125	1129	1132	rBV2	210703	252412	5.18%	0.354%
29	8.781	1134	1138	1140	rBV	761435	695066	14.28%	0.974%
30	8.839	1145	1148	1151	rBV3	149004	177124	3.64%	0.248%
31	8.875	1151	1154	1158	rVB	645887	598348	12.29%	0.838%
32	8.922	1158	1162	1164	rBV	160736	158085	3.25%	0.222%
33	8.963	1164	1169	1175	rBV2	340317	573649	11.78%	0.804%
34	9.039	1178	1182	1184	rBV2	272568	271033	5.57%	0.380%
35	9.063	1184	1186	1188	rVB2	79222	54837	1.13%	0.077%
36	9.086	1188	1190	1194	rVB2	114792	117270	2.41%	0.164%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.139	1194	1199	1203	rBV	2711944	2584333	53.08%	3.621%
38	9.251	1213	1218	1222	rVB2	993522	949838	19.51%	1.331%
39	9.298	1222	1226	1228	rBV2	165986	181699	3.73%	0.255%
40	9.339	1228	1233	1240	rVB4	324415	565891	11.62%	0.793%
41	9.428	1240	1248	1250	rBV3	470837	594707	12.22%	0.833%
42	9.445	1250	1251	1254	rVB	160585	121166	2.49%	0.170%
43	9.475	1254	1256	1259	rVB	120542	110831	2.28%	0.155%
44	9.522	1259	1264	1265	rBV4	124425	166511	3.42%	0.233%
45	9.563	1265	1271	1276	rBV2	1045436	1872152	38.45%	2.623%
46	9.704	1290	1295	1299	rBV	1379922	1965848	40.38%	2.755%
47	9.745	1299	1302	1307	rVB3	288552	366510	7.53%	0.514%
48	9.822	1311	1315	1316	rBV	1107071	1074046	22.06%	1.505%
49	9.857	1316	1321	1328	rVB	2342816	4868587	100.00%	6.822%
50	10.022	1342	1349	1354	rBV2	595690	1290005	26.50%	1.808%
51	10.133	1361	1368	1376	rVB	962065	2156933	44.30%	3.022%
52	10.257	1387	1389	1400	rVB4	222900	507619	10.43%	0.711%
53	10.369	1405	1408	1412	rBV3	43734	64346	1.32%	0.090%
54	10.610	1446	1449	1460	rVB	1421091	1325004	27.22%	1.857%
55	10.898	1495	1498	1511	rVB	170870	177887	3.65%	0.249%
56	11.310	1564	1568	1571	rBV	895358	747021	15.34%	1.047%
57	11.857	1657	1661	1673	rBV3	211206	334408	6.87%	0.469%
58	12.133	1705	1708	1716	rVB	122264	136242	2.80%	0.191%
59	12.245	1723	1727	1734	rBV4	52025	102884	2.11%	0.144%
60	12.392	1748	1752	1758	rBV	128068	148641	3.05%	0.208%
61	12.645	1792	1795	1799	rBV3	53030	68170	1.40%	0.096%
62	12.798	1818	1821	1827	rVB2	48498	68572	1.41%	0.096%
63	12.910	1836	1840	1843	rBV	2392628	2259613	46.41%	3.166%
64	13.016	1855	1858	1861	rVB	176344	158883	3.26%	0.223%
65	13.069	1865	1867	1869	rBV	93048	84664	1.74%	0.119%
66	13.092	1869	1871	1873	rVB	86532	60410	1.24%	0.085%
67	13.127	1873	1877	1883	rBV	647116	629677	12.93%	0.882%
68	13.186	1884	1887	1889	rBV3	66970	77638	1.59%	0.109%
69	13.204	1889	1890	1893	rVB	79105	63177	1.30%	0.089%
70	13.239	1893	1896	1900	rBV2	128206	220055	4.52%	0.308%
71	13.298	1904	1906	1909	rVB2	96471	86288	1.77%	0.121%
72	13.351	1911	1915	1916	rBV2	216608	211117	4.34%	0.296%
73	13.398	1921	1923	1927	rBV2	56928	86644	1.78%	0.121%
74	13.557	1948	1950	1954	rVB2	101652	100574	2.07%	0.141%
75	13.821	1992	1995	1999	rBV2	151019	167793	3.45%	0.235%
76	13.963	2015	2019	2023	rBV2	2498487	2238260	45.97%	3.136%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.068	2035	2037	2042	rVB5	49065	54154	1.11%	0.076%
78	14.463	2100	2104	2110	rBV5	120893	187220	3.85%	0.262%
79	14.857	2168	2171	2179	rVB2	117539	173644	3.57%	0.243%
80	15.304	2243	2247	2255	rVB3	96463	156292	3.21%	0.219%
81	15.451	2266	2272	2278	rVB	551026	721507	14.82%	1.011%
82	15.821	2330	2335	2342	rVB	58006	105915	2.18%	0.148%
83	16.445	2436	2441	2447	rBV4	36002	75456	1.55%	0.106%

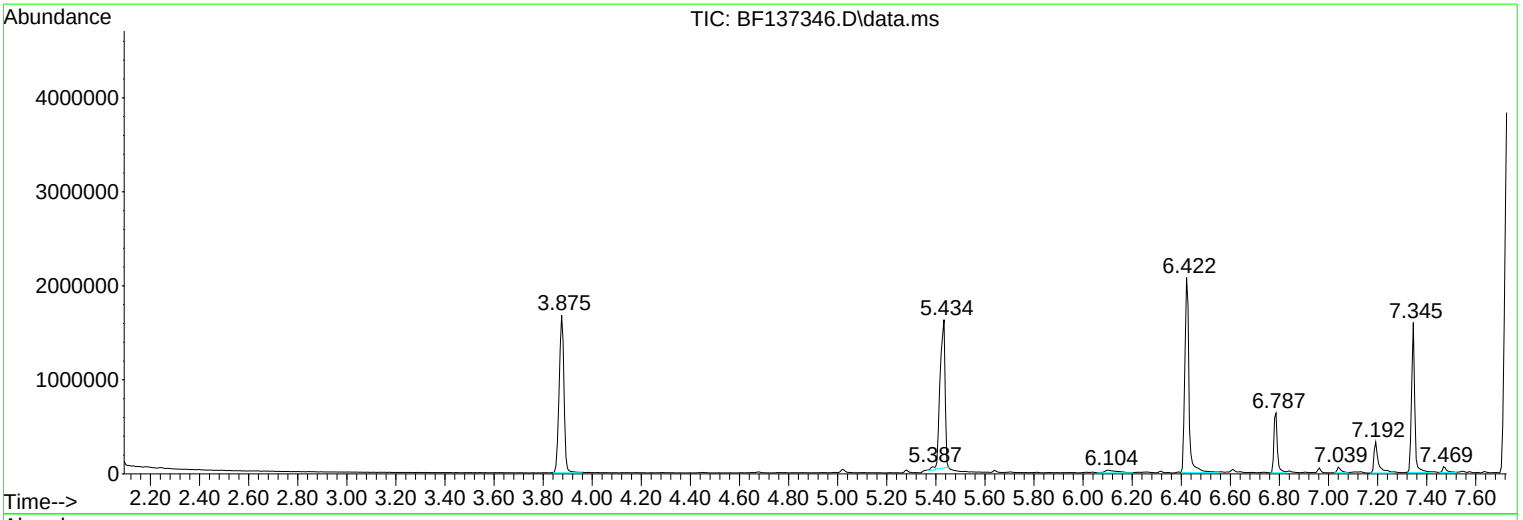
Sum of corrected areas: 71366453

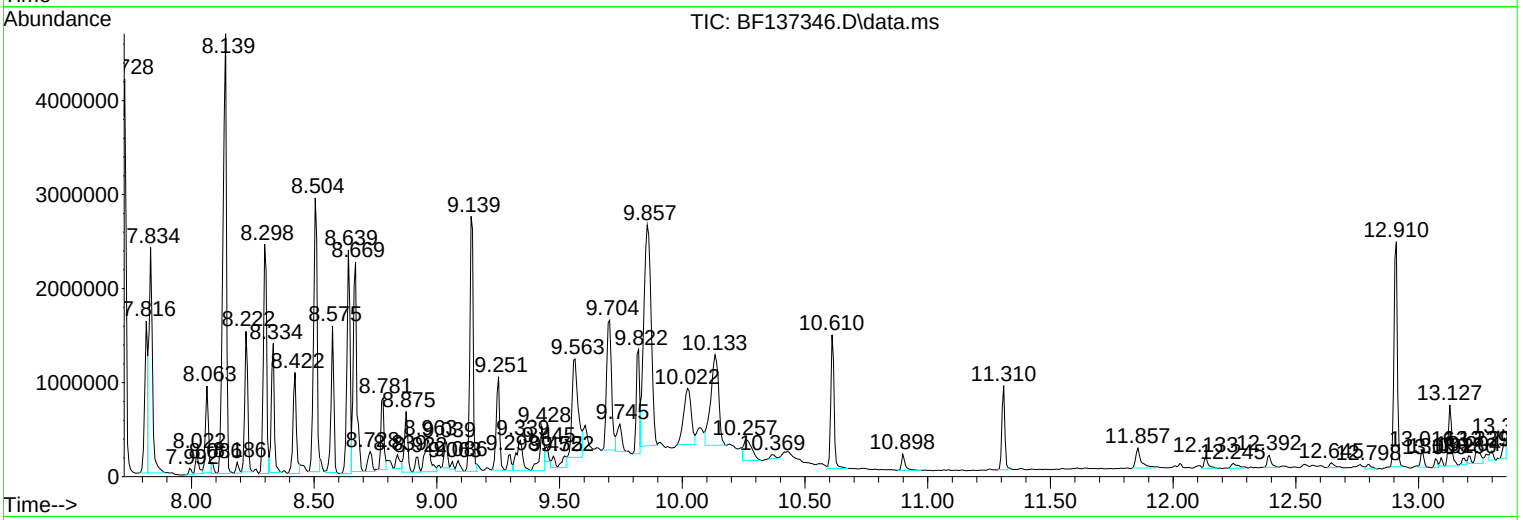
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

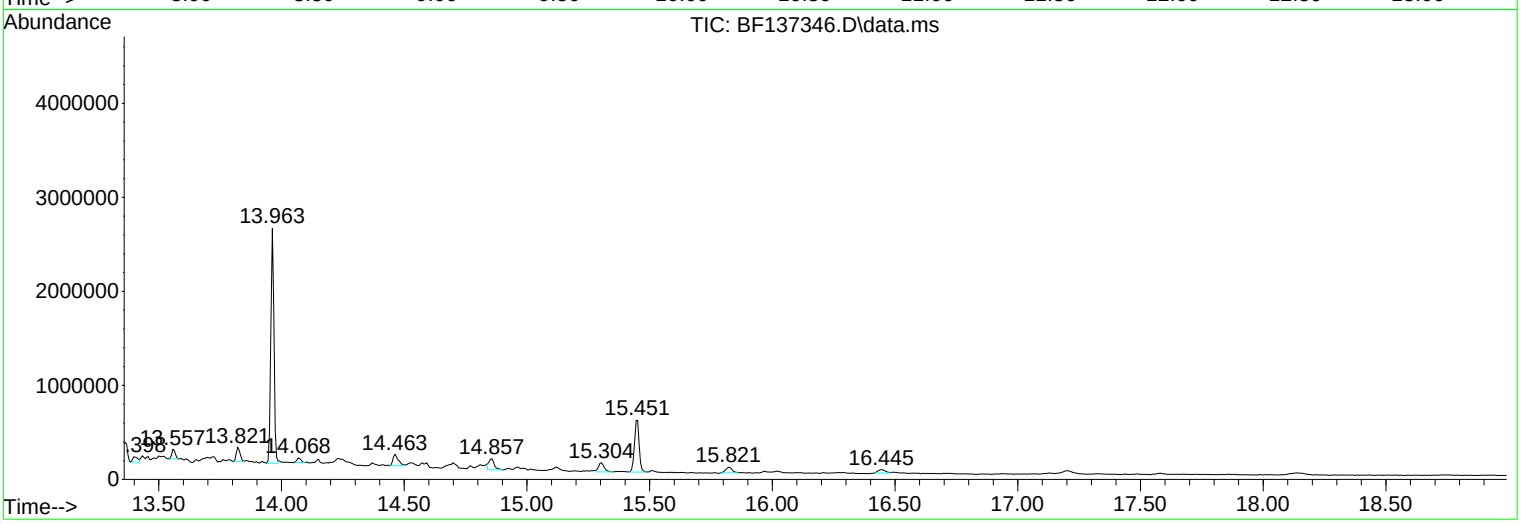
Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

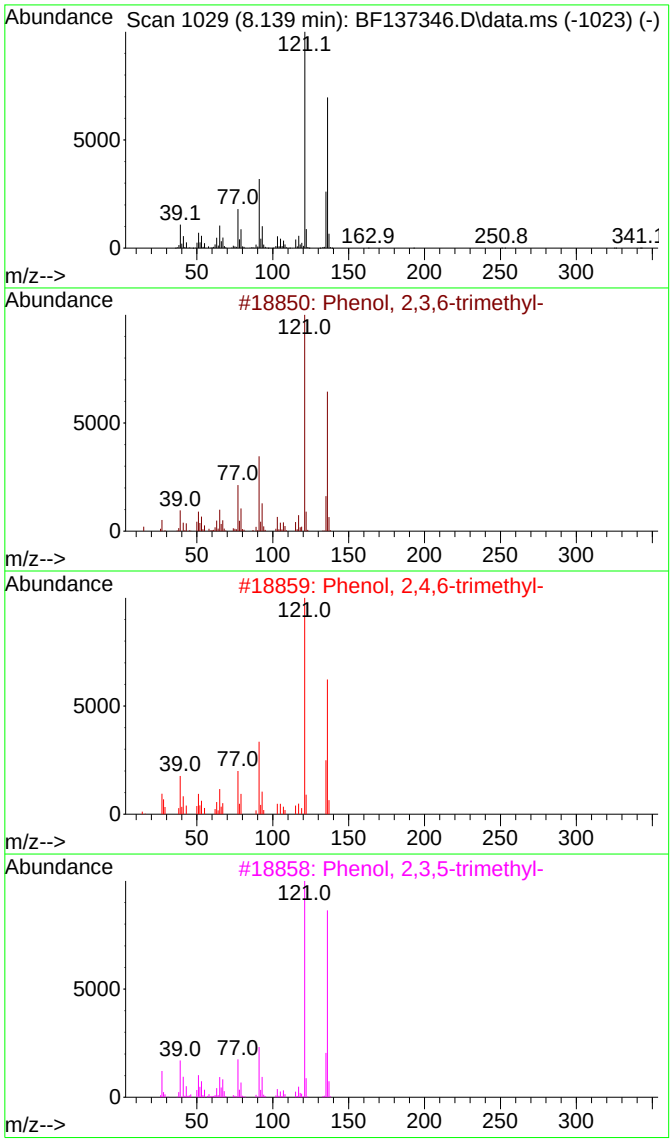
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

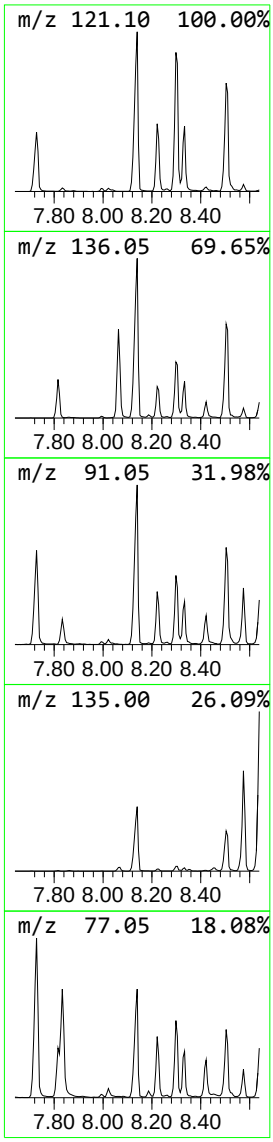
****

Peak Number 2 Phenol, 2,3,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.139	117.56 ng	4743760	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
4	3,4-Dimethylanisole	136	C9H12O	004685-47-6	91
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

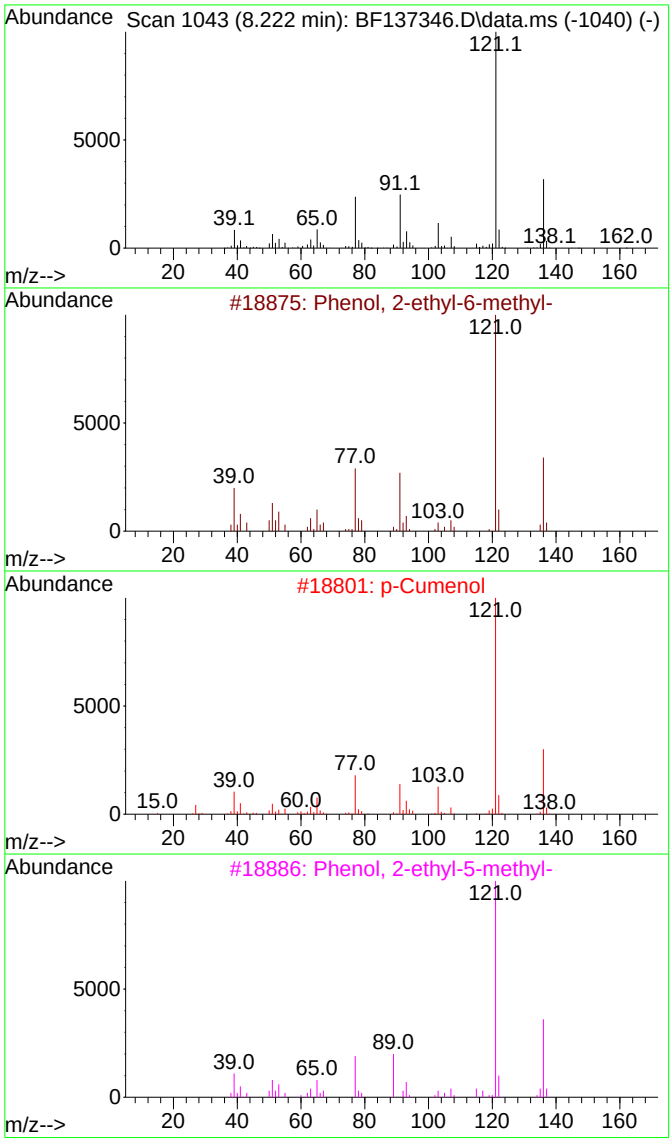
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

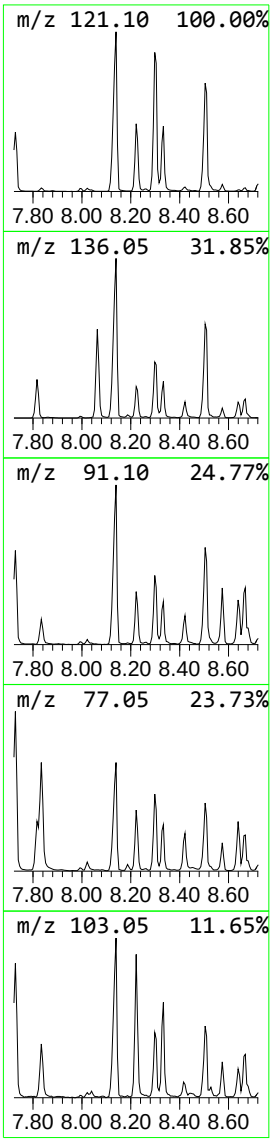
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2-ethyl-6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.222	31.63 ng	1276430	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	p-Cumenol	136	C9H12O	000099-89-8	90
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

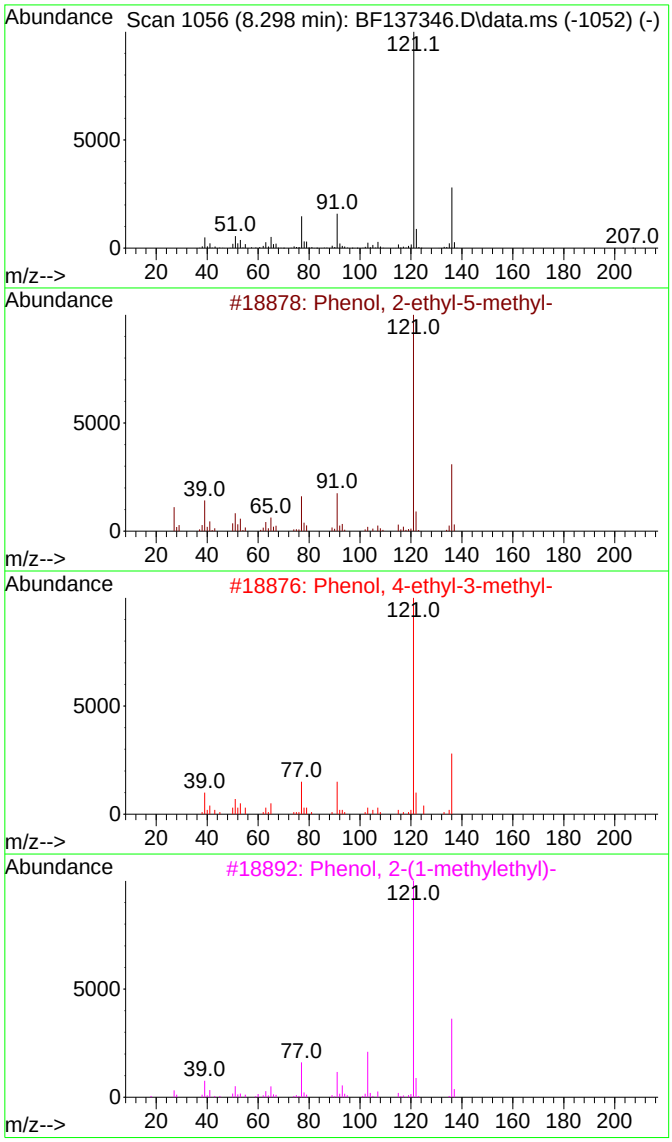
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

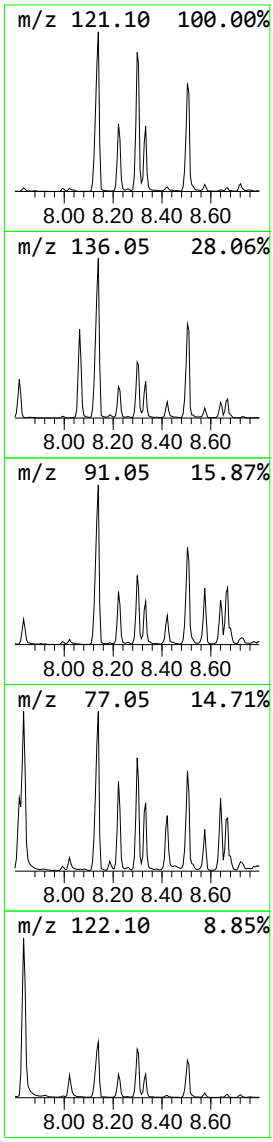
****

Peak Number 4 Phenol, 2-ethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.298	57.36 ng	2314760	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	p-Cumenol	136	C9H12O	000099-89-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

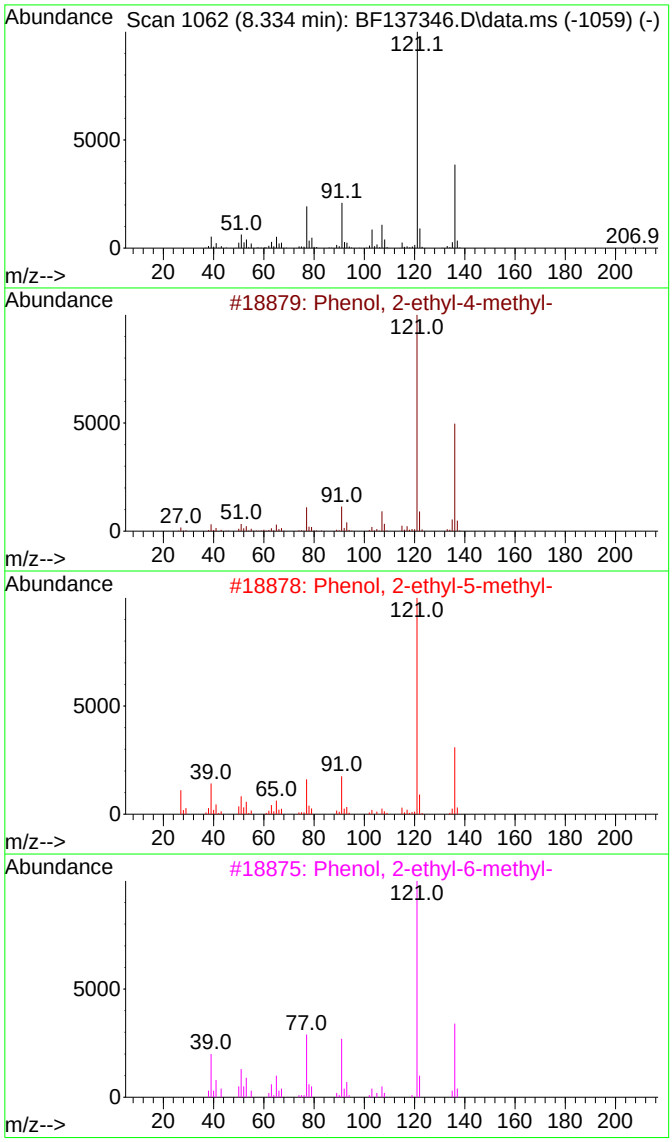
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

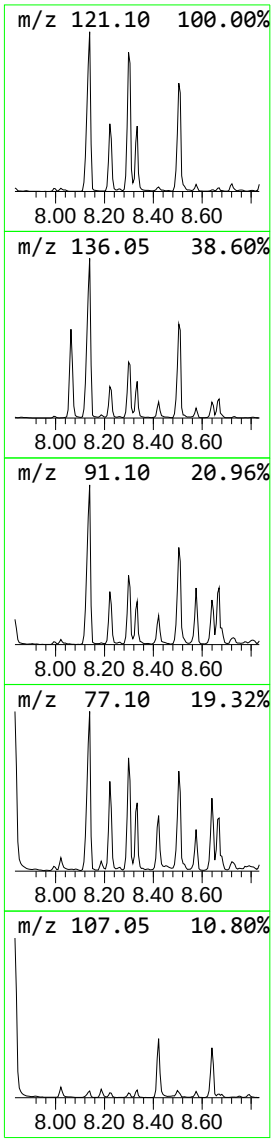
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	28.12 ng	1134570	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	2-Methylbicyclo[4.3.0]non-1(6)-ene	136	C10H16	060223-07-6	86
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

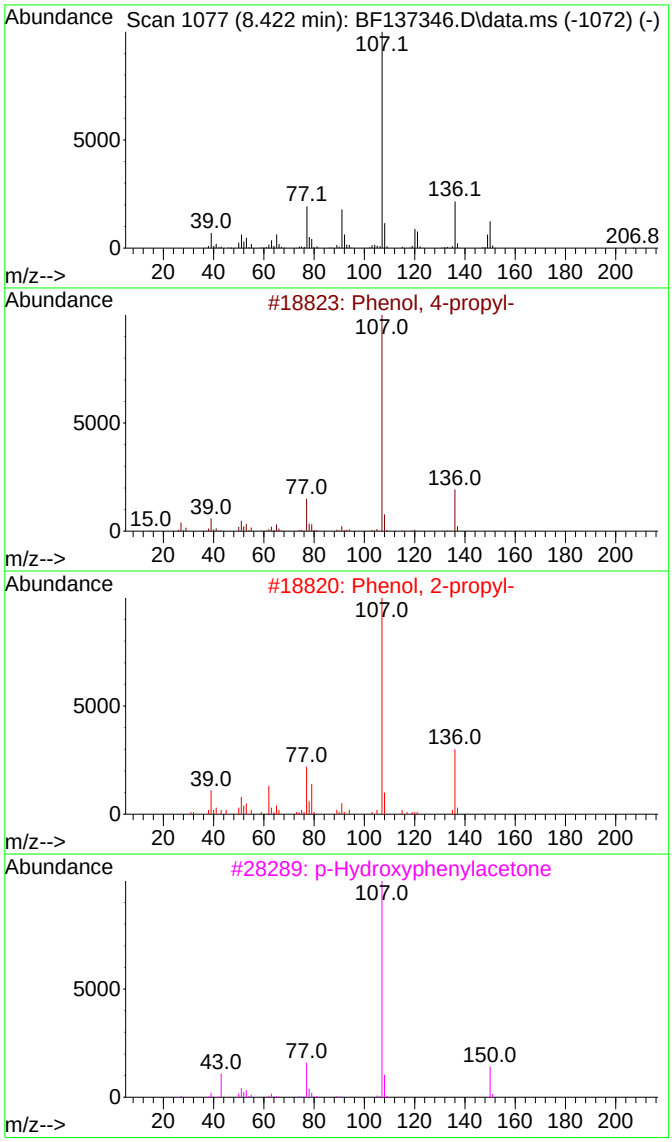
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

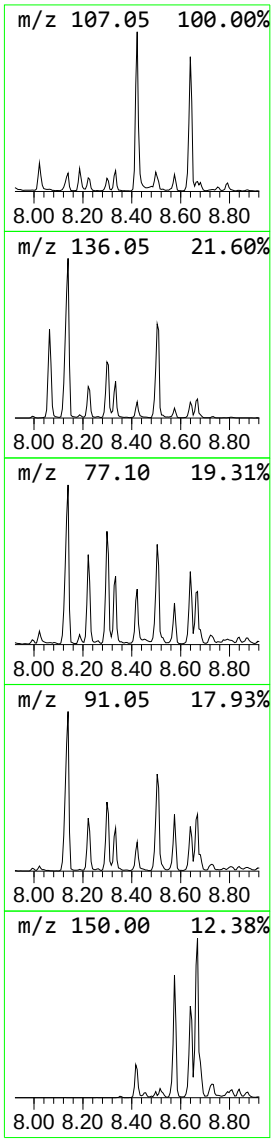
****

Peak Number 6 Phenol, 4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	25.03 ng	1009880	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-propyl-	136	C9H12O	000645-56-7	76
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	74
3	p-Hydroxyphenylacetone	150	C9H10O2	000770-39-8	70
4	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	58
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

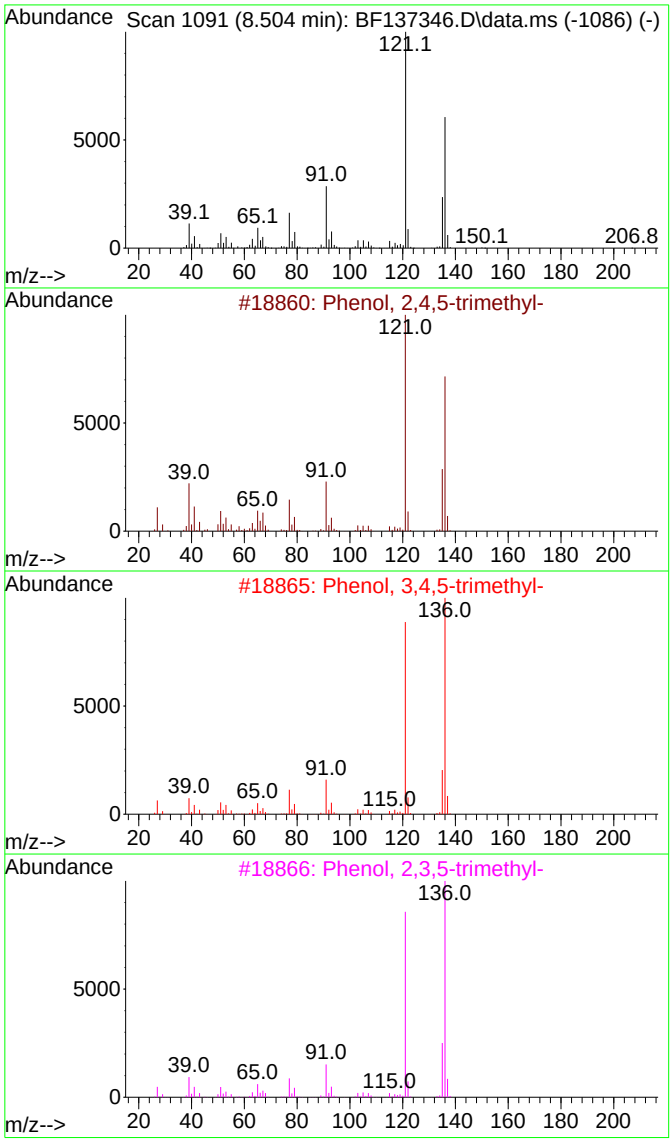
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

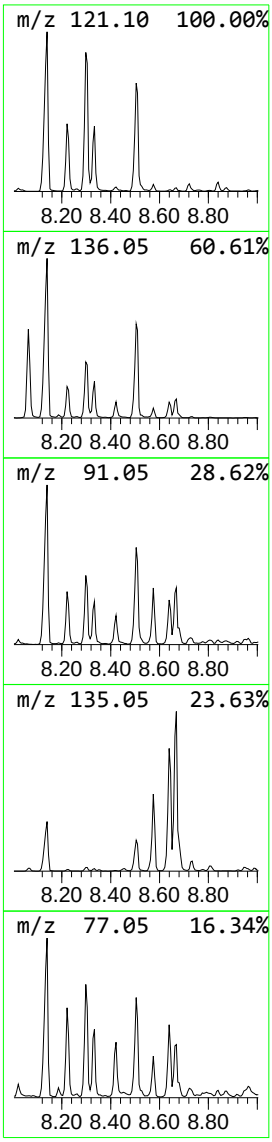
****

Peak Number 7 Phenol, 2,4,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	72.93 ng	2942740	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	95
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 3,4,5-trimethyl-, methyl...	193	C11H15NO2	002686-99-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

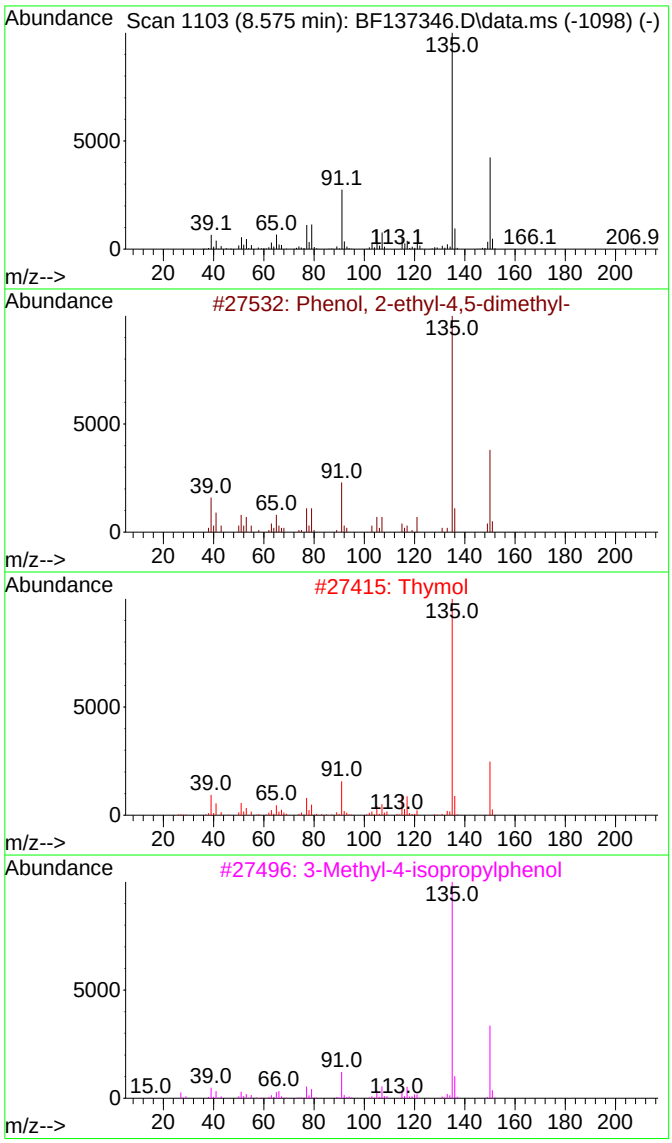
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

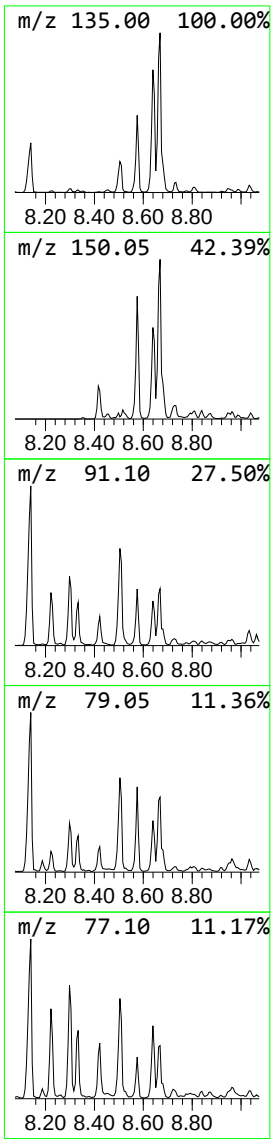
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2-ethyl-4,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	30.52 ng	1231640	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	97
2	Thymol	150	C10H14O	000089-83-8	90
3	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	87
4	Benzene, 2-methoxy-1,3,5-trimethyl-	150	C10H14O	004028-66-4	86
5	5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

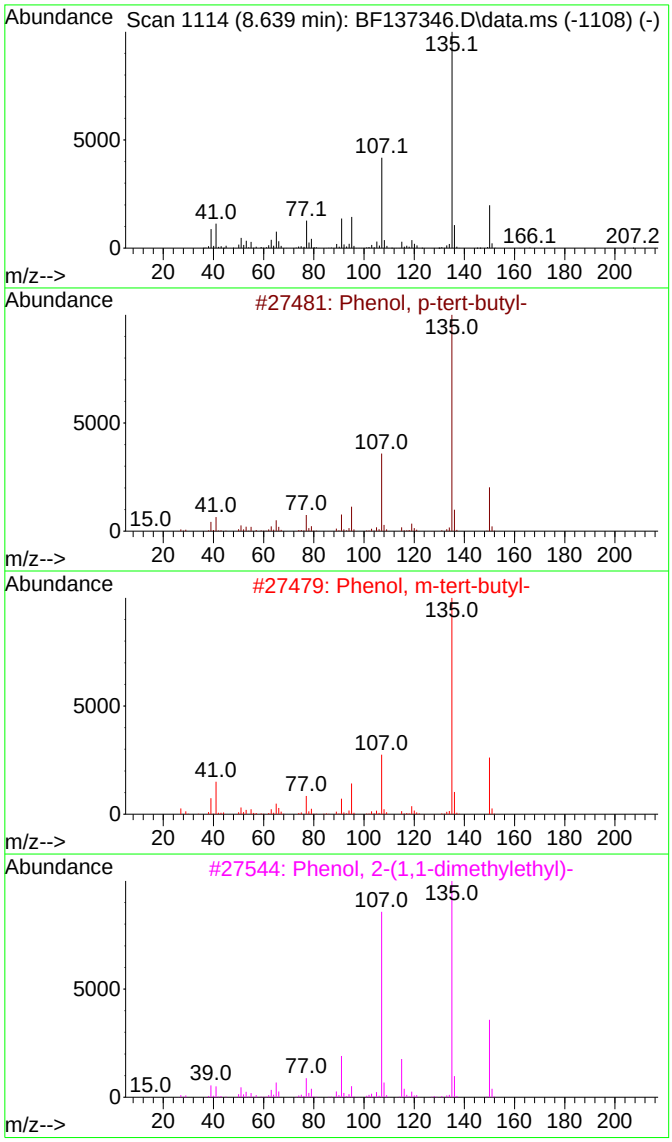
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

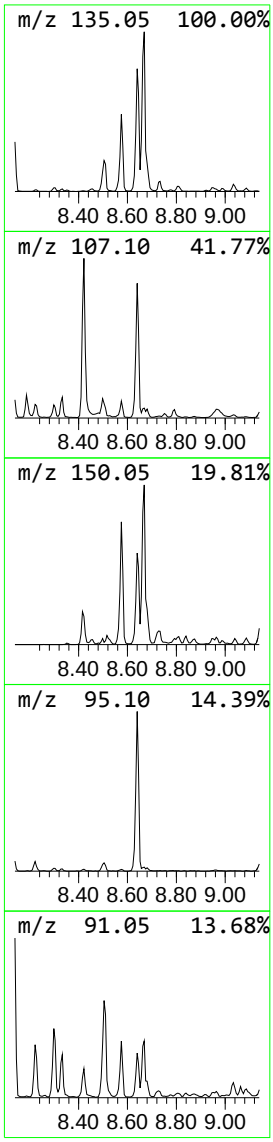
****

Peak Number 9 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.639	53.31 ng	2150970	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	87
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	80
5	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

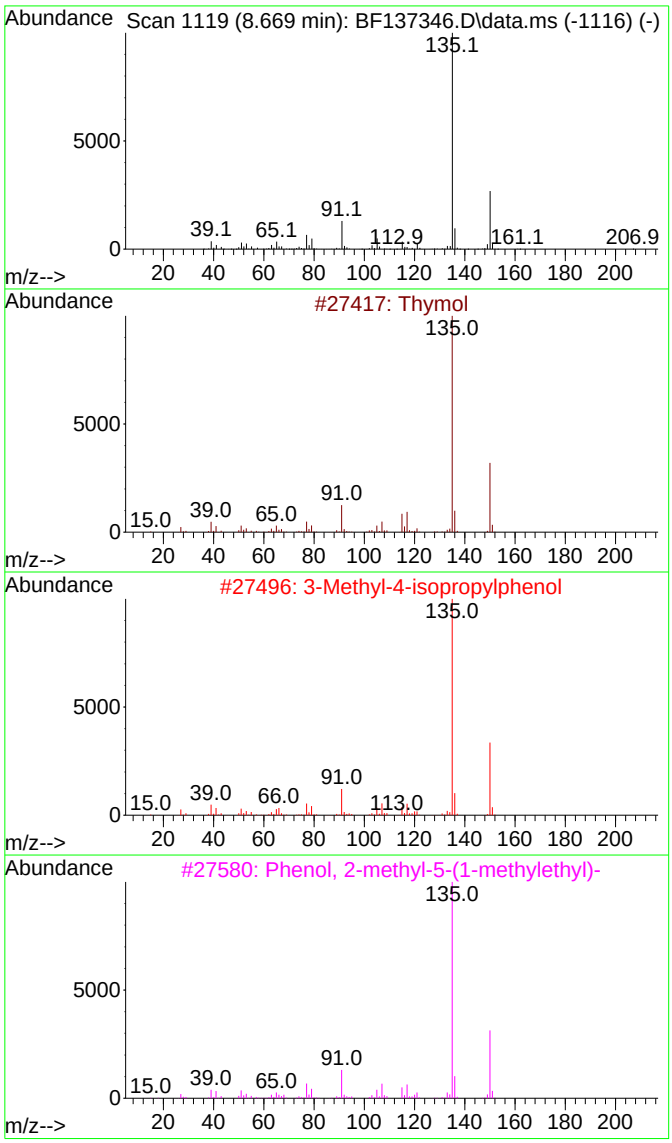
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

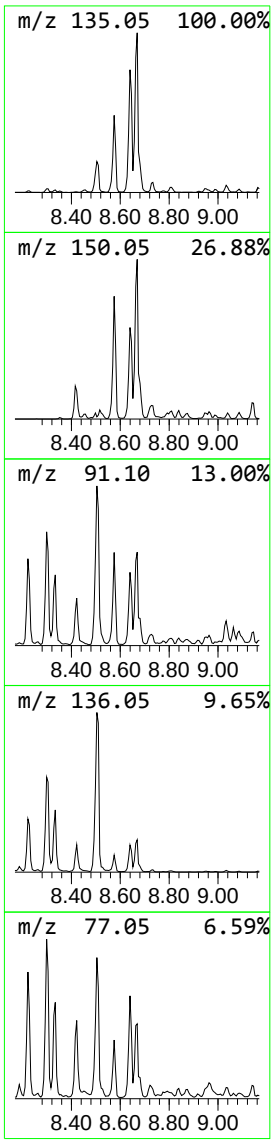
****

Peak Number 10 Thymol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	55.39 ng	2235140	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	91
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	91
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	90
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

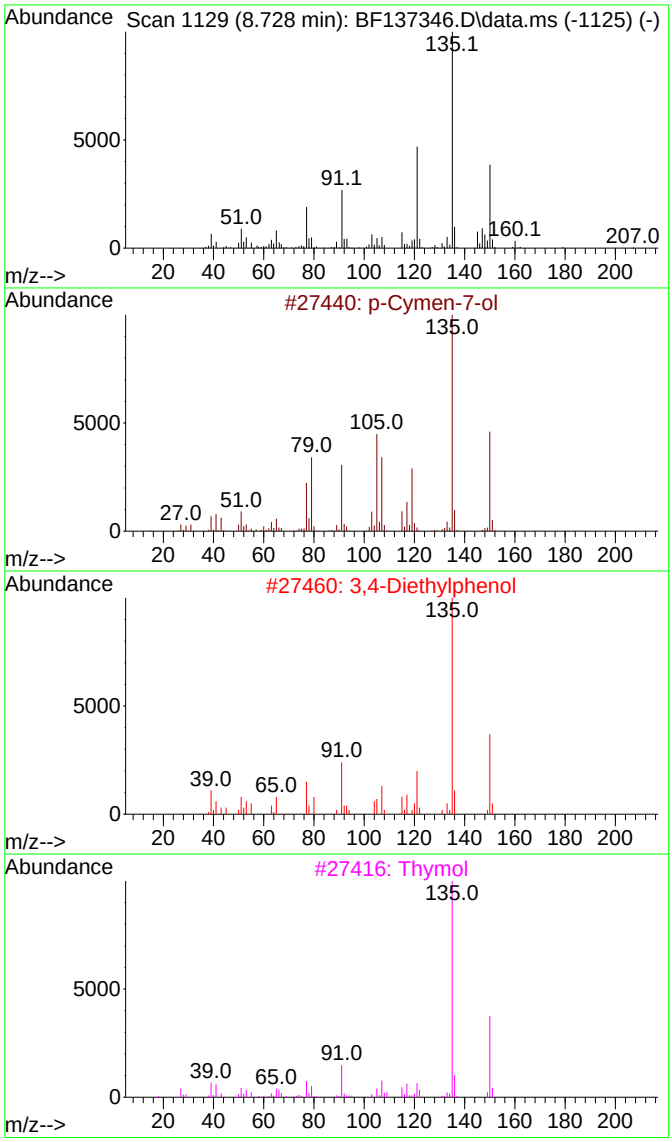
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

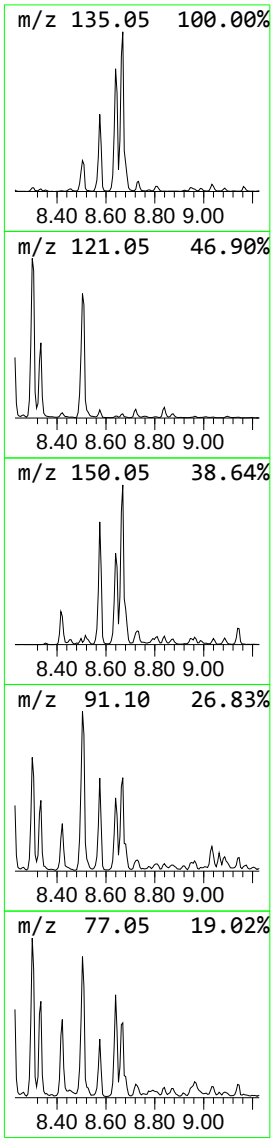
****

Peak Number 11 p-Cymen-7-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	6.26 ng	252412	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymen-7-ol	150	C10H14O	000536-60-7	81
2	3,4-Diethylphenol	150	C10H14O	000875-85-4	80
3	Thymol	150	C10H14O	000089-83-8	80
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	80
5	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

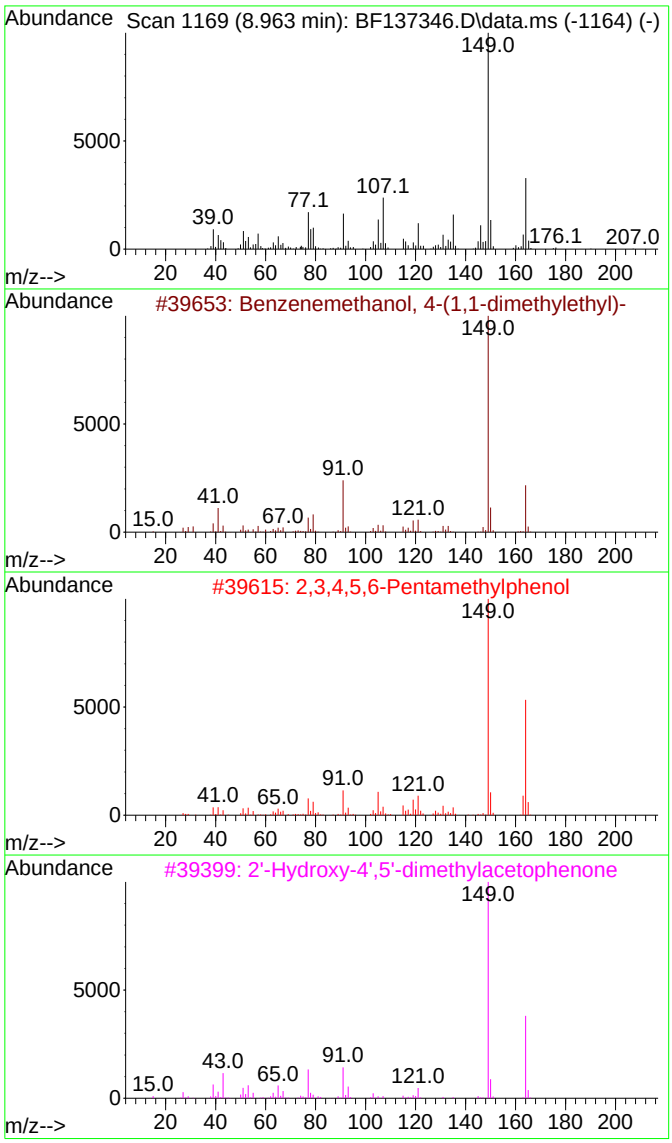
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

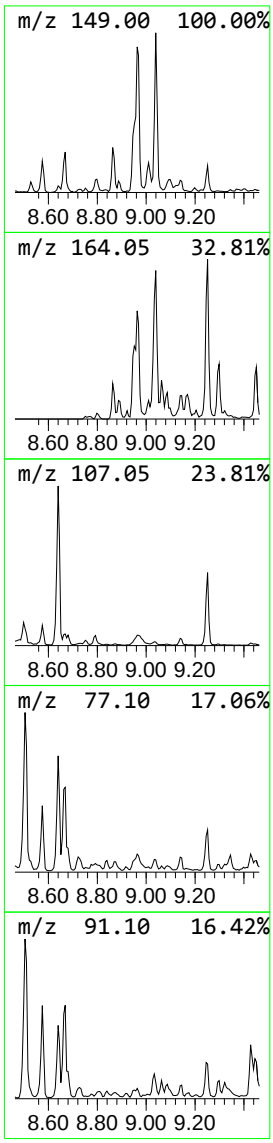
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzenemethanol, 4-(1,1-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.963	10.68 ng	573649	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	76
2	2,3,4,5,6-Pentamethylphenol	164	C11H16O	002819-86-5	74
3	2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	64
4	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	64
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

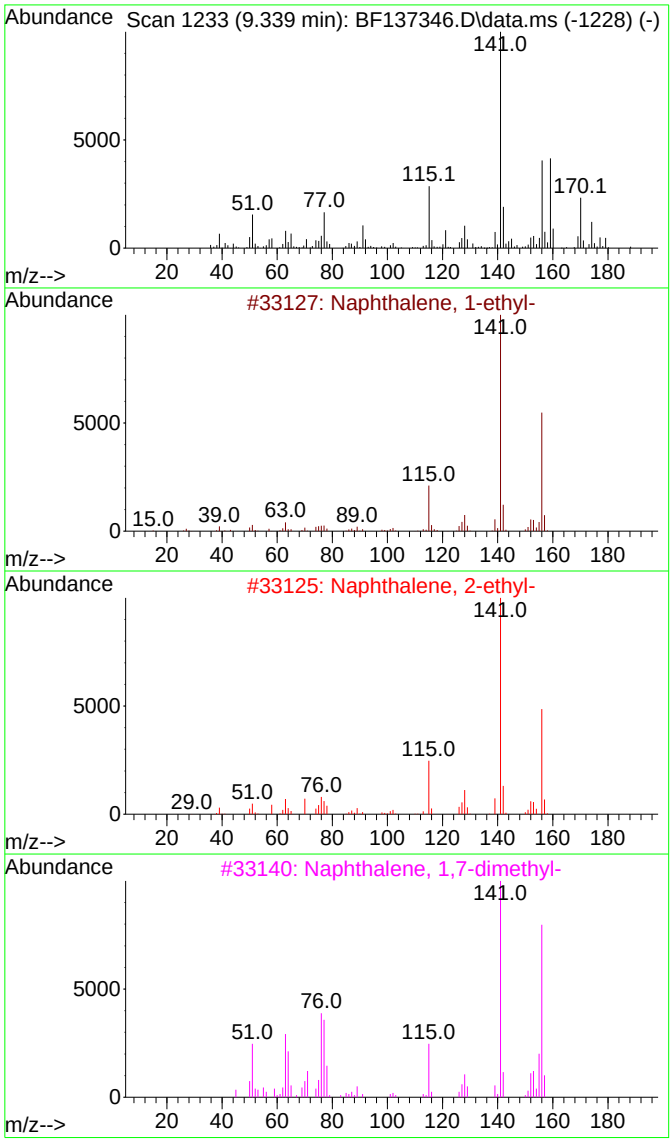
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

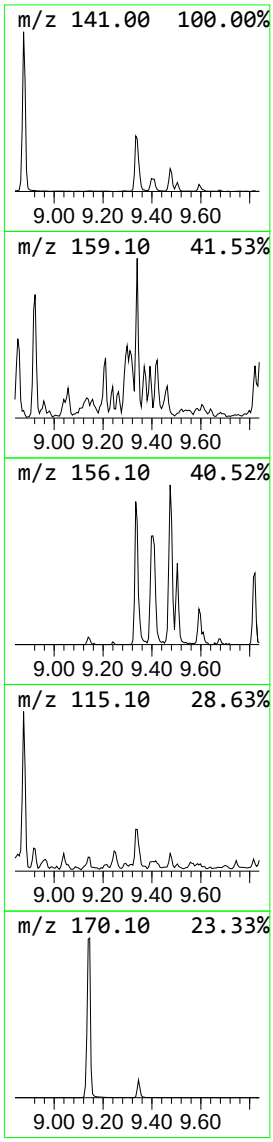
****

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	10.54 ng	565891	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	49
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	46
5	1-Naphthyl-N-(tetrahydro-2-furan...	241	C16H19NO	202198-98-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

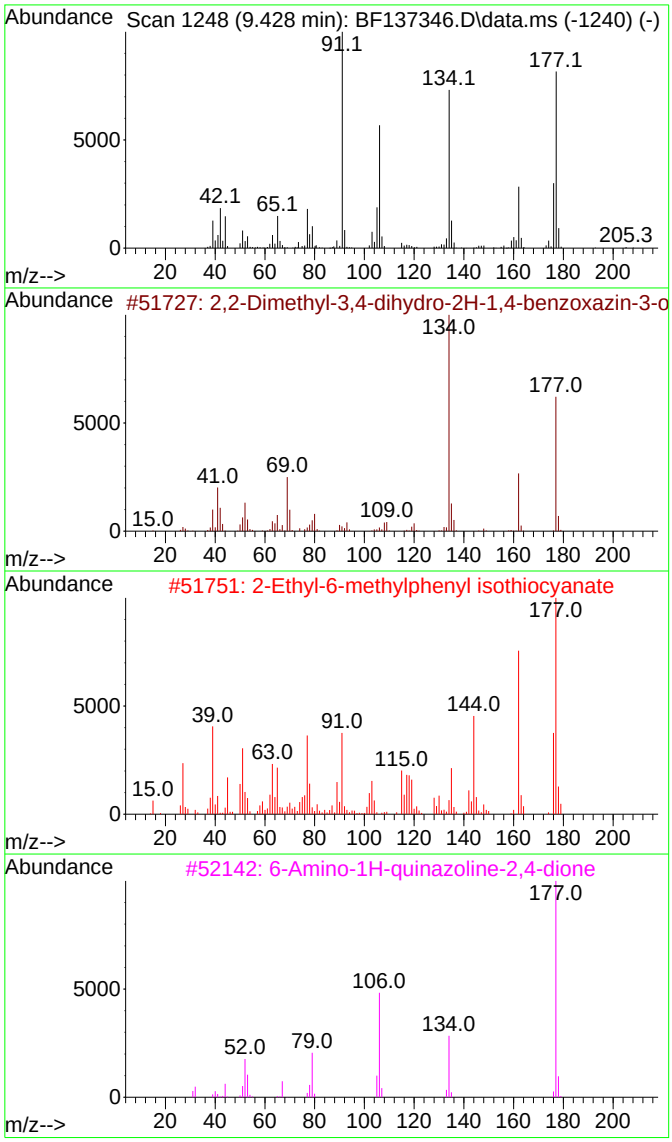
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

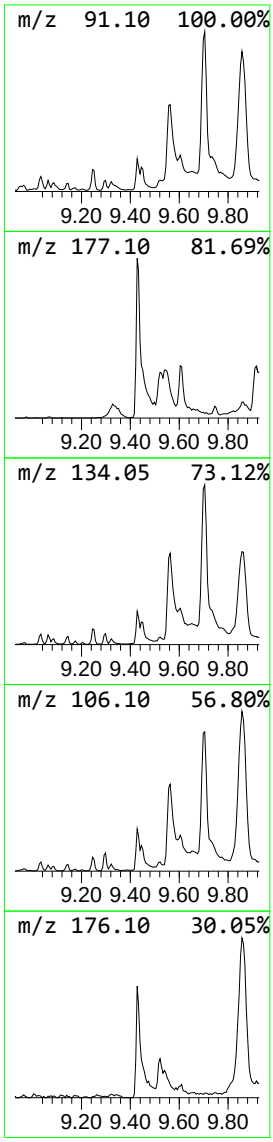
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2-Dimethyl-3,4-dihydro-2H... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	11.07 ng	594707	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3,4-dihydro-2H-1,4-...	177	C10H11NO2	010514-70-2	58
2	2-Ethyl-6-methylphenyl isothiocy...	177	C10H11NS	066609-04-9	46
3	6-Amino-1H-quinazoline-2,4-dione	177	C8H7N3O2	1000318-19-4	43
4	5-Hydroxy-1-tetralone	162	C10H10O2	028315-93-7	43
5	5,6-Dimethoxyindole	177	C10H11NO2	014430-23-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

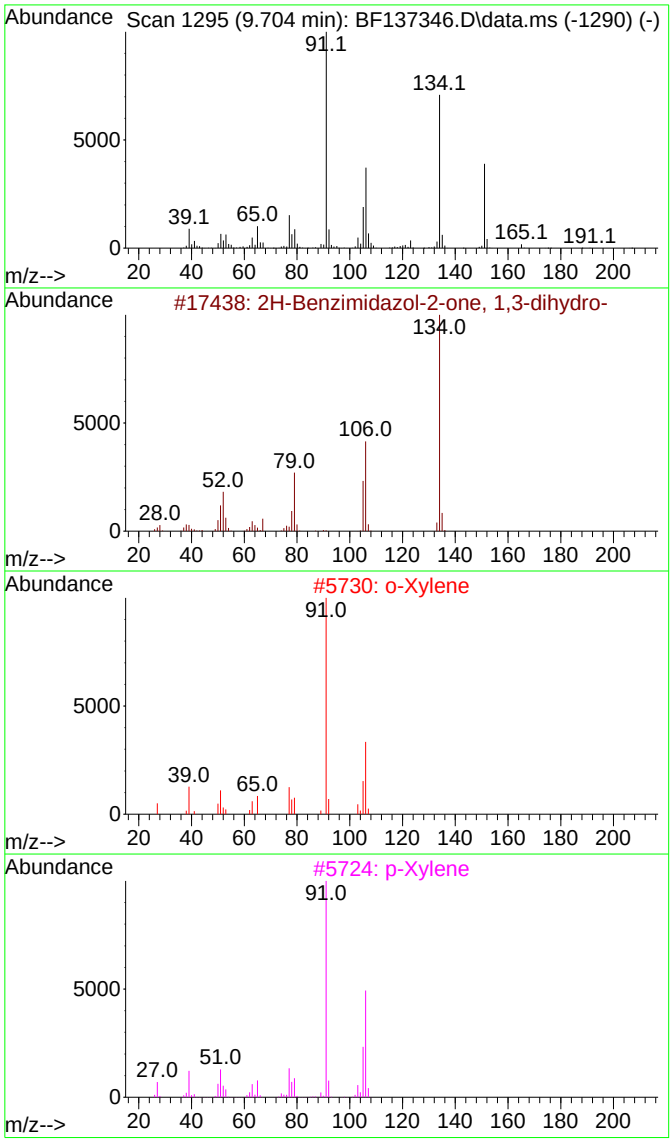
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

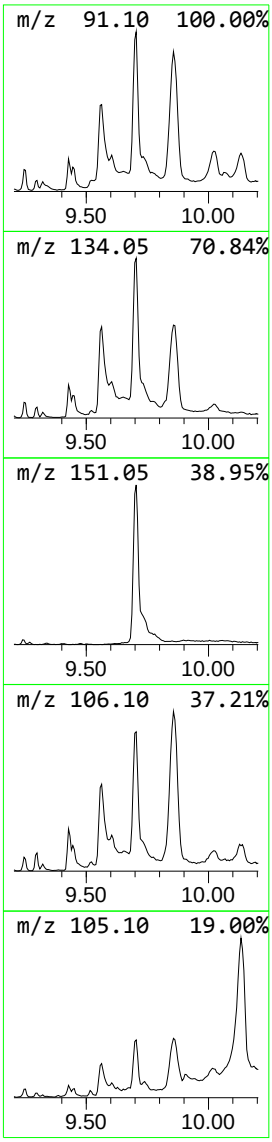
****

Peak Number 15 unknown9.704 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	36.61 ng	1965850	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	43
2	o-Xylene	106	C8H10	000095-47-6	38
3	p-Xylene	106	C8H10	000106-42-3	38
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	38
5	3-Pyridinecarbonitrile, 1,4-dihy...	134	C7H6N2O	000767-98-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

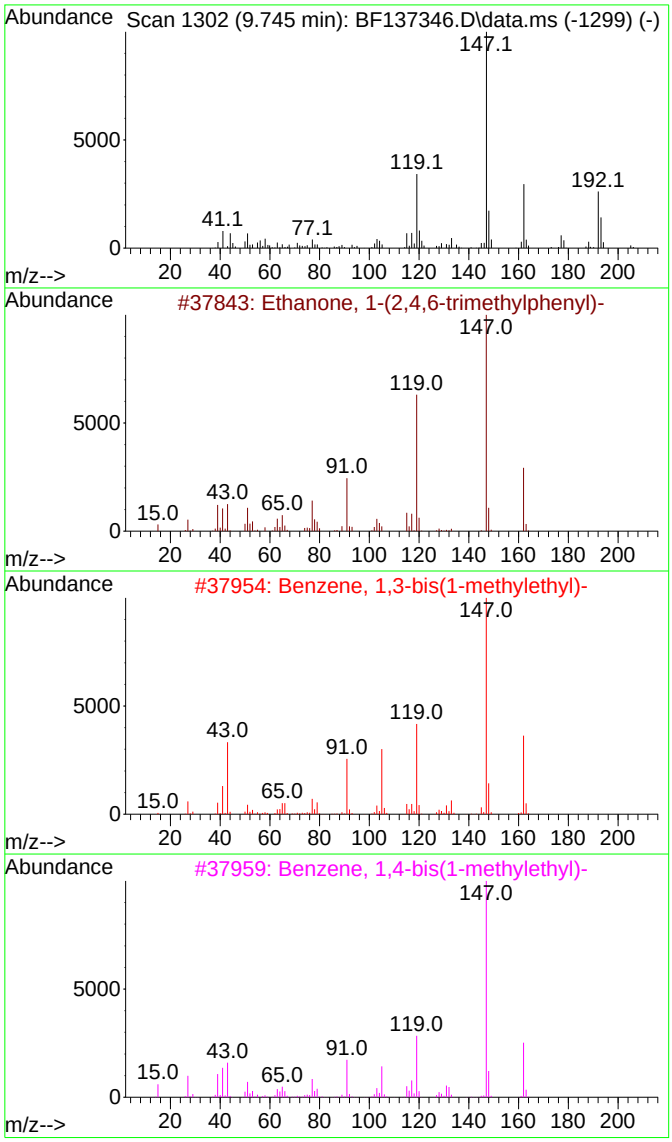
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

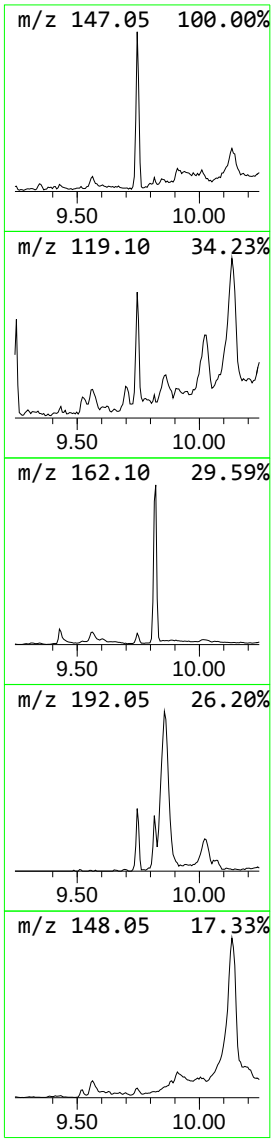
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Ethanone, 1-(2,4,6-trimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	6.82 ng	366510	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	76
2	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	76
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	64
4	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	64
5	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

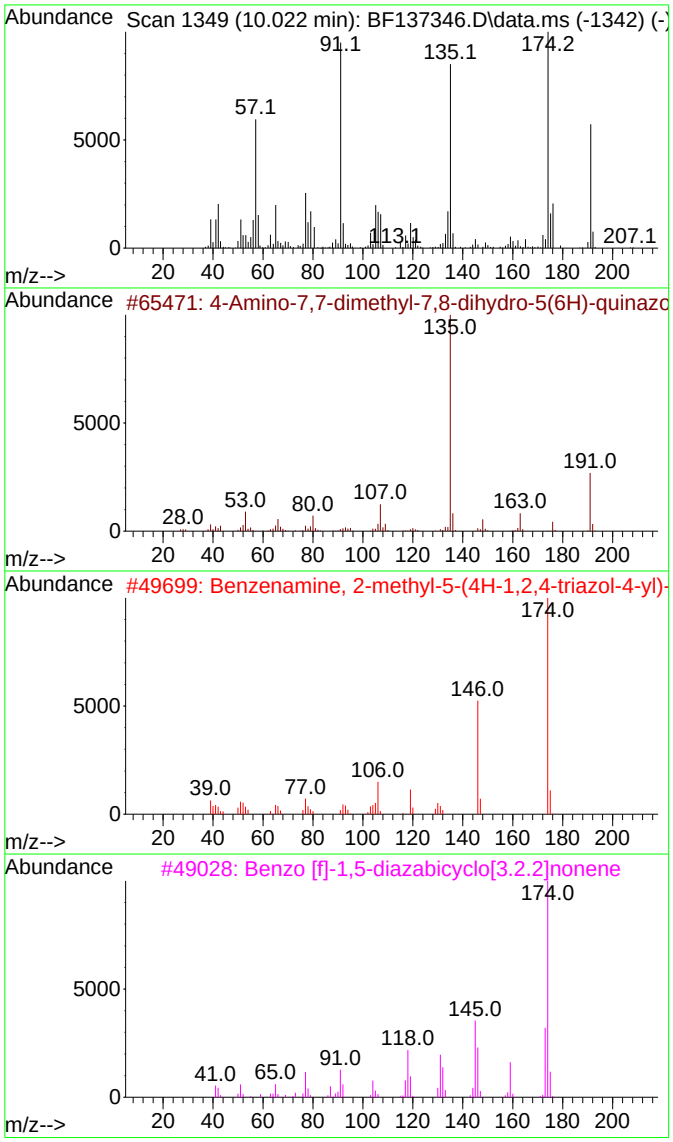
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

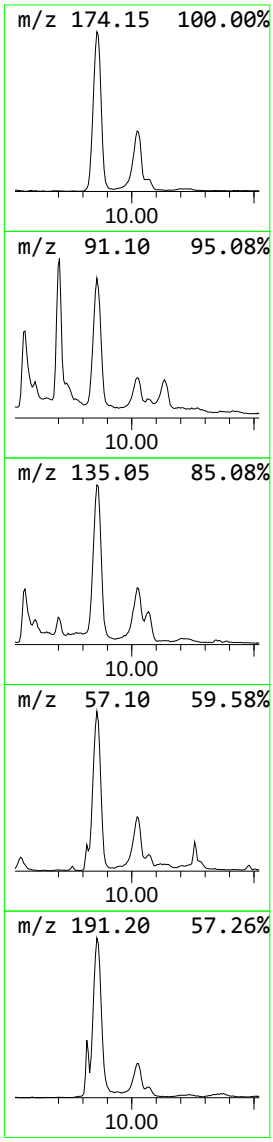
****

Peak Number 17 unknown10.022 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	24.02 ng	1290010	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-7,7-dimethyl-7,8-dihydro...	191	C10H13N3O	354539-34-7	38
2	Benzenamine, 2-methyl-5-(4H-1,2,...	174	C9H10N4	1000362-62-2	22
3	Benzo [f]-1,5-diazabicyclo[3.2.2...	174	C11H14N2	007092-76-4	22
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	180	C12H20O	151226-45-8	22
5	4(1H)-Pteridinone, 6,7-dimethyl-	176	C8H8N4O	014684-54-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

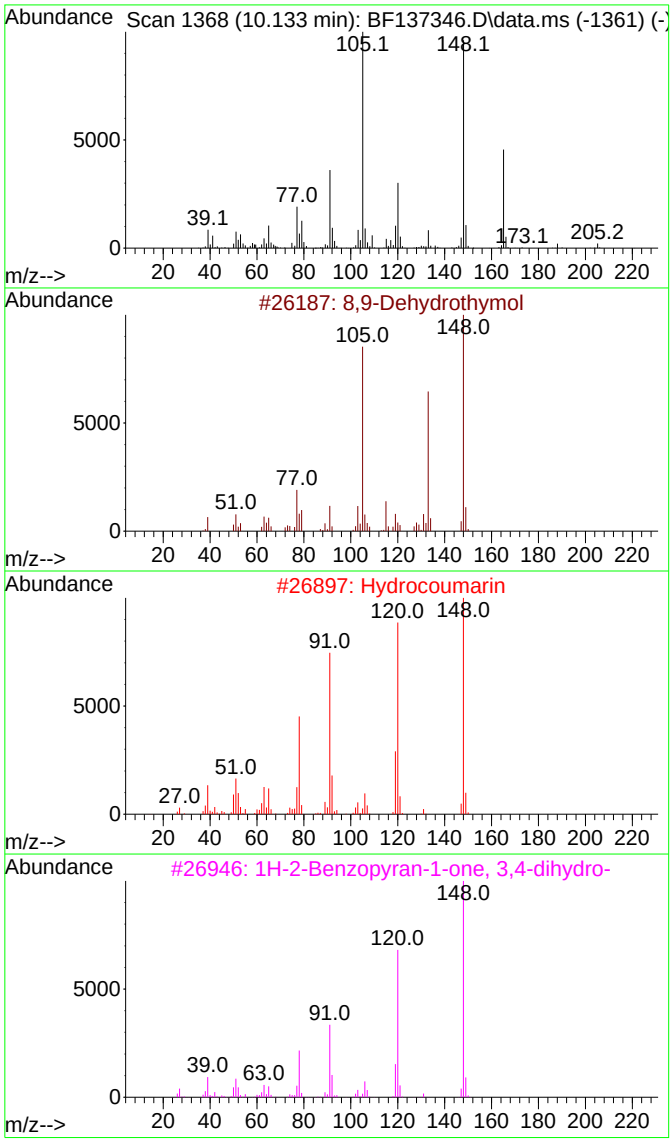
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

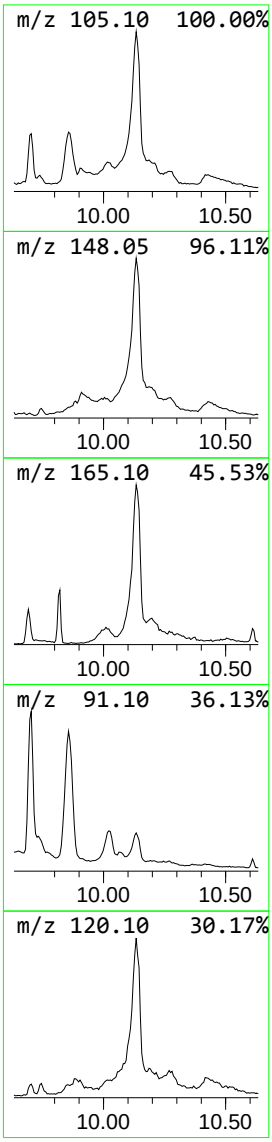
****

Peak Number 18 8,9-Dehydrothymol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	40.16 ng	2156930	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dehydrothymol	148	C10H12O	018612-99-2	52
2	Hydrocoumarin	148	C9H8O2	000119-84-6	49
3	1H-2-Benzopyran-1-one, 3,4-dihydro-	148	C9H8O2	004702-34-5	45
4	Mesitylene	120	C9H12	000108-67-8	38
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

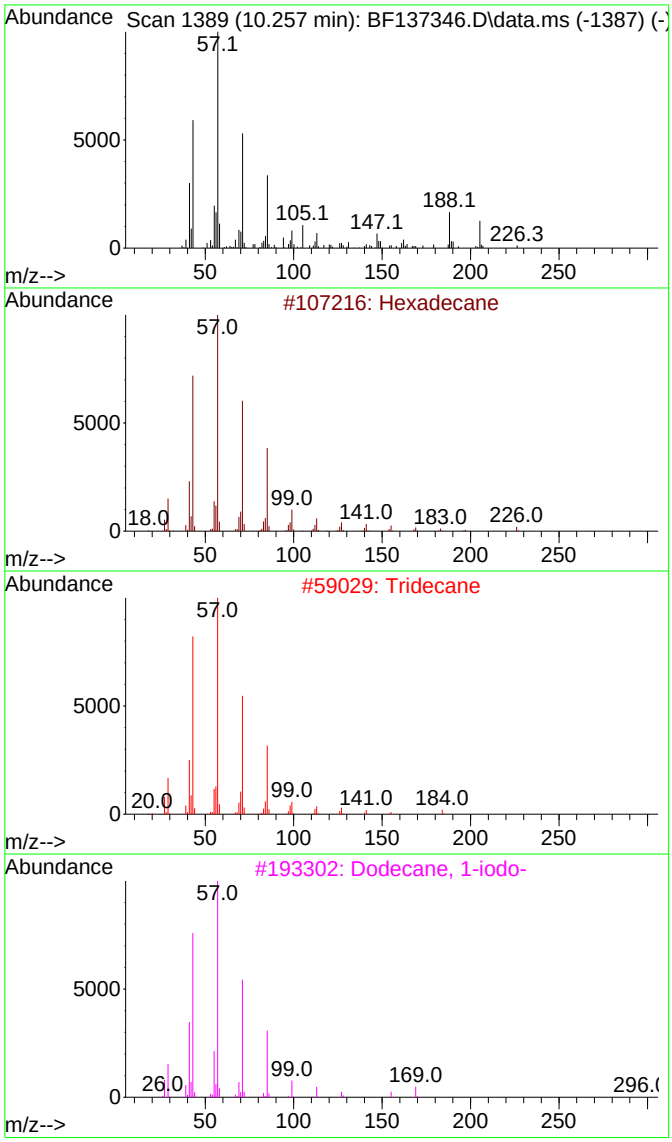
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

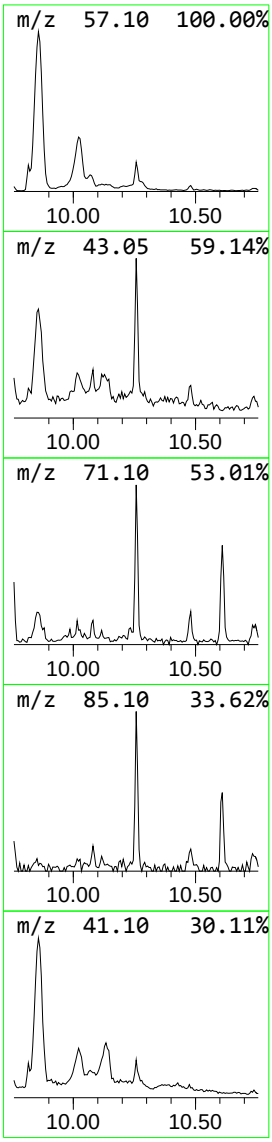
****

Peak Number 19 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	9.45 ng	507619	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	52
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

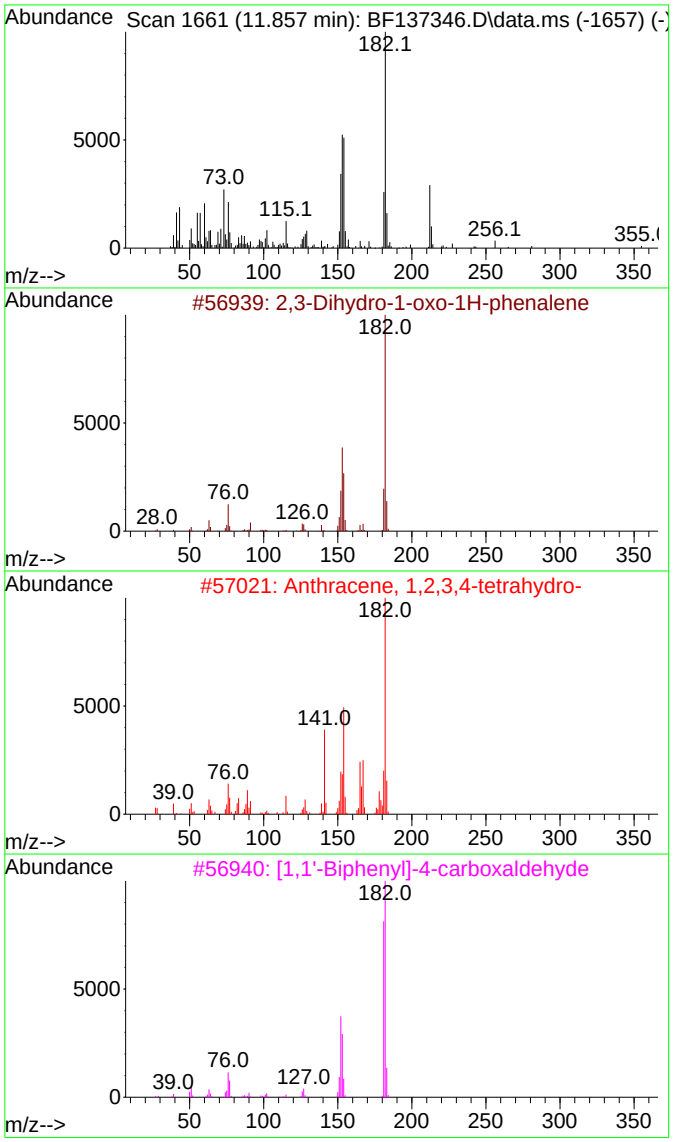
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

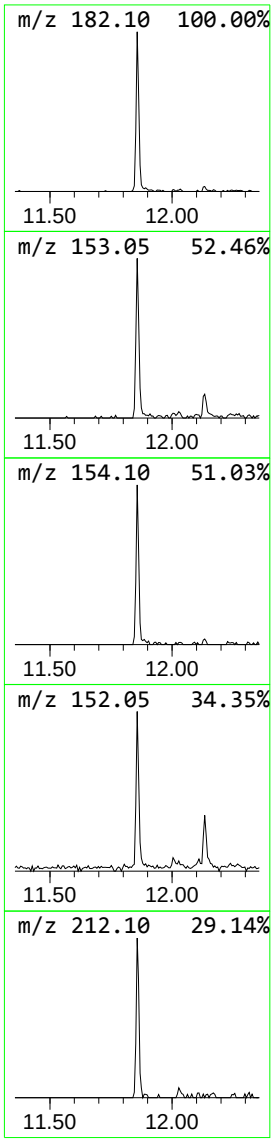
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	8.95 ng	334408	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
4	Acenaphthene	154	C12H10	000083-32-9	38
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137346.D
Acq On : 08 Feb 2024 19:18
Operator : CG\JU
Sample : P1365-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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
Phenol, 2,3,6-t...	8.139	117.6	ng	4743760	2	8.063	807038	20.0
Phenol, 2-ethyl...	8.222	31.6	ng	1276430	2	8.063	807038	20.0
Phenol, 2-ethyl...	8.298	57.4	ng	2314760	2	8.063	807038	20.0
Phenol, 2-ethyl...	8.334	28.1	ng	1134570	2	8.063	807038	20.0
Phenol, 4-propyl-	8.422	25.0	ng	1009880	2	8.063	807038	20.0
Phenol, 2,4,5-t...	8.504	72.9	ng	2942740	2	8.063	807038	20.0
Phenol, 2-ethyl...	8.575	30.5	ng	1231640	2	8.063	807038	20.0
Phenol, p-tert-...	8.639	53.3	ng	2150970	2	8.063	807038	20.0
Thymol	8.669	55.4	ng	2235140	2	8.063	807038	20.0
p-Cymen-7-ol	8.728	6.3	ng	252412	2	8.063	807038	20.0
Benzenemethanol...	8.963	10.7	ng	573649	3	9.822	1074050	20.0
Naphthalene, 1-...	9.339	10.5	ng	565891	3	9.822	1074050	20.0
2,2-Dimethyl-3,...	9.428	11.1	ng	594707	3	9.822	1074050	20.0
unknown9.704	9.704	36.6	ng	1965850	3	9.822	1074050	20.0
Ethanone, 1-(2,...	9.745	6.8	ng	366510	3	9.822	1074050	20.0
unknown10.022	10.022	24.0	ng	1290010	3	9.822	1074050	20.0
8,9-Dehydrothymol	10.133	40.2	ng	2156930	3	9.822	1074050	20.0
Hexadecane	10.257	9.4	ng	507619	3	9.822	1074050	20.0
2,3-Dihydro-1-o...	11.857	8.9	ng	334408	4	11.310	747021	20.0