LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124289.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	581	rVB	233048	218923	11.28%	0.405%
2	6.504	746	751	757	rBV3	391003	676804	34.89%	1.254%
3	6.669	774	779	782	rBV4	306220	456157	23.51%	0.845%
4	6.840	805	808	811	rBV	310430	276914	14.27%	0.513%
5	7.010	832	837	841	rBV2	223935	361299	18.62%	0.669%
6	7.116	849	855	858	rBV2	777504	890577	45.90%	1.649%
7	7.281	879	883	886	rVB	908729	1128356	58.16%	2.090%
8	7.387	896	901	903	rBV3	654370	671905	34.63%	1.244%
9	7.487	915	918	922	rVB2	276513	259923	13.40%	0.481%
10	7.539	922	927	931	rBV4	511364	623755	32.15%	1.155%
11	7.575	931	933	935	rVB	515429	333709	17.20%	0.618%
12	7.704	950	955	958	rBV2	262346	313195	16.14%	0.580%
13	7.798	966	971	976	rVB2	857266	1312543	67.65%	2.431%
14	7.869	977	983	987	rBV4	318650	496208	25.58%	0.919%
15	7.916	987	991	993	rBV	654448	858456	44.25%	1.590%
16	7.934	993	994	999	rVB2	687153	503113	25.93%	0.932%
17	7.998	999	1005	1011	rVB3	402189	572438	29.51%	1.060%
18	8.063	1011	1016	1019	rBV4	351058	494514	25.49%	0.916%
19	8.098	1019	1022	1025	rBV3	935265	984194	50.73%	1.823%
20	8.128	1025	1027	1029	rVB	276856	205334	10.58%	0.380%
21	8.151	1029	1031	1033	rVB	538988	381077	19.64%	0.706%
22	8.198	1036	1039	1042	rBV3	293619	322045	16.60%	0.596%
23	8.234	1042	1045	1051	rVB4	355211	499724	25.76%	0.926%
24	8.304	1051	1057	1059	rBV2	897451	1136141	58.56%	2.104%
25	8.369	1066	1068	1072	rBV	419717	385651	19.88%	0.714%
26	8.498	1086	1090	1098	rBV2	883961	1023159	52.74%	1.895%
27	8.575	1098	1103	1104	rBV3	284363	373185	19.24%	0.691%
28	8.628	1109	1112	1114	rBV	883725	760269	39.19%	1.408%
29	8.716	1125	1127	1128	rBV	363771	246535	12.71%	0.457%
30	8.733	1128	1130	1132	rVB	302606	223921	11.54%	0.415%
31	8.786	1136	1139	1140	rBV2	273874	245126	12.63%	0.454%
32	8.845	1143	1149	1151	rBV	1056835	920942	47.47%	1.706%
33	8.910	1157	1160	1163	rVB3	520222	639504	32.96%	1.184%
34	8.945	1163	1166	1168	rVB	665612	490267	25.27%	0.908%
35	8.981	1169	1172	1176	rBV2	264222	300653	15.50%	0.557%
36	9.022	1176	1179	1180	rBV2	339508	311888	16.08%	0.578%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.045	1180	1183	1187	rVB	957372	920678	47.46%	1.705%
38	9.086	1187	1190	1192	rBV3	203921	240200	12.38%	0.445%
39	9.145	1197	1200	1202	rVB	674811	617828	31.85%	1.144%
40	9.204	1206	1210	1212	rVB	443602	422305	21.77%	0.782%
41	9.251	1212	1218	1221	rBV5	321622	613358	31.61%	1.136%
42	9.281	1221	1223	1225	rVB3	469493	347491	17.91%	0.644%
43	9.363	1233	1237	1241	rBV3	274689	433928	22.37%	0.804%
44	9.404	1241	1244	1247	rBV3	204632	224890	11.59%	0.417%
45	9.481	1251	1257	1260	rBV5	506783	893748	46.07%	1.655%
46	9.563	1266	1271	1275	rVB4	1324139	1863197	96.04%	3.451%
47	9.616	1275	1280	1282	rBV4	290635	362861	18.70%	0.672%
48	9.810	1310	1313	1315	rBV2	513207	551879	28.45%	1.022%
49	9.886	1324	1326	1328	rVV	392847	312751	16.12%	0.579%
50	9.963	1335	1339	1341	rVV	1247254	1168687	60.24%	2.165%
51	9.980	1341	1342	1347	rVB5	192181	246113	12.69%	0.456%
52	10.028	1347	1350	1353	rBV	275019	255948	13.19%	0.474%
53	10.057	1353	1355	1358	rBV4	248736	317254	16.35%	0.588%
54	10.086	1358	1360	1364	rVV	409393	406971	20.98%	0.754%
55	10.133	1365	1368	1372	rVV4	195244	242870	12.52%	0.450%
56	10.198	1377	1379	1382	rVV2	210617	214065	11.03%	0.396%
57	10.233	1383	1385	1389	rVB4	244865	260419	13.42%	0.482%
58	10.280	1389	1393	1395	rBV3	407298	496288	25.58%	0.919%
59	10.310	1396	1398	1400	rVV	527110	415604	21.42%	0.770%
60	10.339	1400	1403	1407	rVV4	226033	250243	12.90%	0.463%
61	10.380	1407	1410	1413	rVV	1219237	1016122	52.37%	1.882%
62	10.433	1416	1419	1423	rVB4	316062	376672	19.42%	0.698%
63	10.527	1432	1435	1437	rBV4	167131	206573	10.65%	0.383%
64	10.586	1442	1445	1448	rVV4	259420	356860	18.39%	0.661%
65	10.627	1448	1452	1455	rVV4	222070	322165	16.61%	0.597%
66	10.669	1455	1459	1464	rVB3	756278	1073054	55.31%	1.987%
67	10.786	1476	1479	1483	rVB2	358850	456924	23.55%	0.846%
68	10.839	1483	1488	1491	rBV3	631977	608422	31.36%	1.127%
69	10.892	1491	1497	1499	rBV6	204847	388641	20.03%	0.720%
70	10.998	1509	1515	1522	rBV3	1142909	1940092	100.00%	3.593%
71	11.116	1530	1535	1536	rBV5	201010	337526	17.40%	0.625%
72	11.139	1536	1539	1542	rVB2	395281	432426	22.29%	0.801%
73	11.233	1552	1555	1557	rBV2	331945	299234	15.42%	0.554%
74	11.292	1563	1565	1568	rVB	285567	215331	11.10%	0.399%
75	11.398	1576	1583	1586	rBV3	663278	980706	50.55%	1.816%
76	11.486	1595	1598	1601	rBV3	251894	285952	14.74%	0.530%

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.663	1625	1628	1630	rBV	317218	282966	14.59%	0.524%
78	11.763	1643	1645	1649	rVB4	183023	212561	10.96%	0.394%
79	11.916	1667	1671	1674	rVB2	720778	710196	36.61%	1.315%
80	12.069	1695	1697	1702	rVB	398366	355229	18.31%	0.658%
81	12.457	1761	1763	1767	rVB	435478	379603	19.57%	0.703%
82	12.816	1821	1824	1825	rBV	856276	778470	40.13%	1.442%
83	12.833	1825	1827	1832	rVB	577826	504903	26.02%	0.935%
84	13.186	1885	1887	1889	rVB	301127	209801	10.81%	0.389%
85	13.516	1940	1943	1952	rVB2	696570	903391	46.56%	1.673%
86	13.857	1998	2001	2007	rVB	1374933	1449899	74.73%	2.685%
87	13.951	2014	2017	2021	rVB	378384	399197	20.58%	0.739%
88	14.027	2027	2030	2033	rVB	299167	259703	13.39%	0.481%
89	14.086	2036	2040	2043	rVV	675317	814454	41.98%	1.508%
90	14.121	2043	2046	2050	rVV3	274480	316406	16.31%	0.586%
91	14.163	2050	2053	2057	rVV3	364960	535870	27.62%	0.992%
92	14.198	2057	2059	2062	rVB	258410	248410	12.80%	0.460%
93	14.492	2106	2109	2115	rVB	1098863	1124823	57.98%	2.083%
94	14.568	2119	2122	2125	rVB2	211738	239402	12.34%	0.443%
95	14.710	2141	2146	2149	rBV3	420159	589859	30.40%	1.092%
96	15.757	2320	2324	2327	rVB2	243247	310414	16.00%	0.575%
97	15.921	2348	2352	2358	rVB7	185194	290194	14.96%	0.537%
98	15.998	2361	2365	2370	rVV3	412927	570798	29.42%	1.057%
99	16.227	2396	2404	2411	rVB7	443475	982446	50.64%	1.820%
100	18.603	2801	2808	2817	rVB7	87801	248508	12.81%	0.460%

Sum of corrected areas: 53992183

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Misc :
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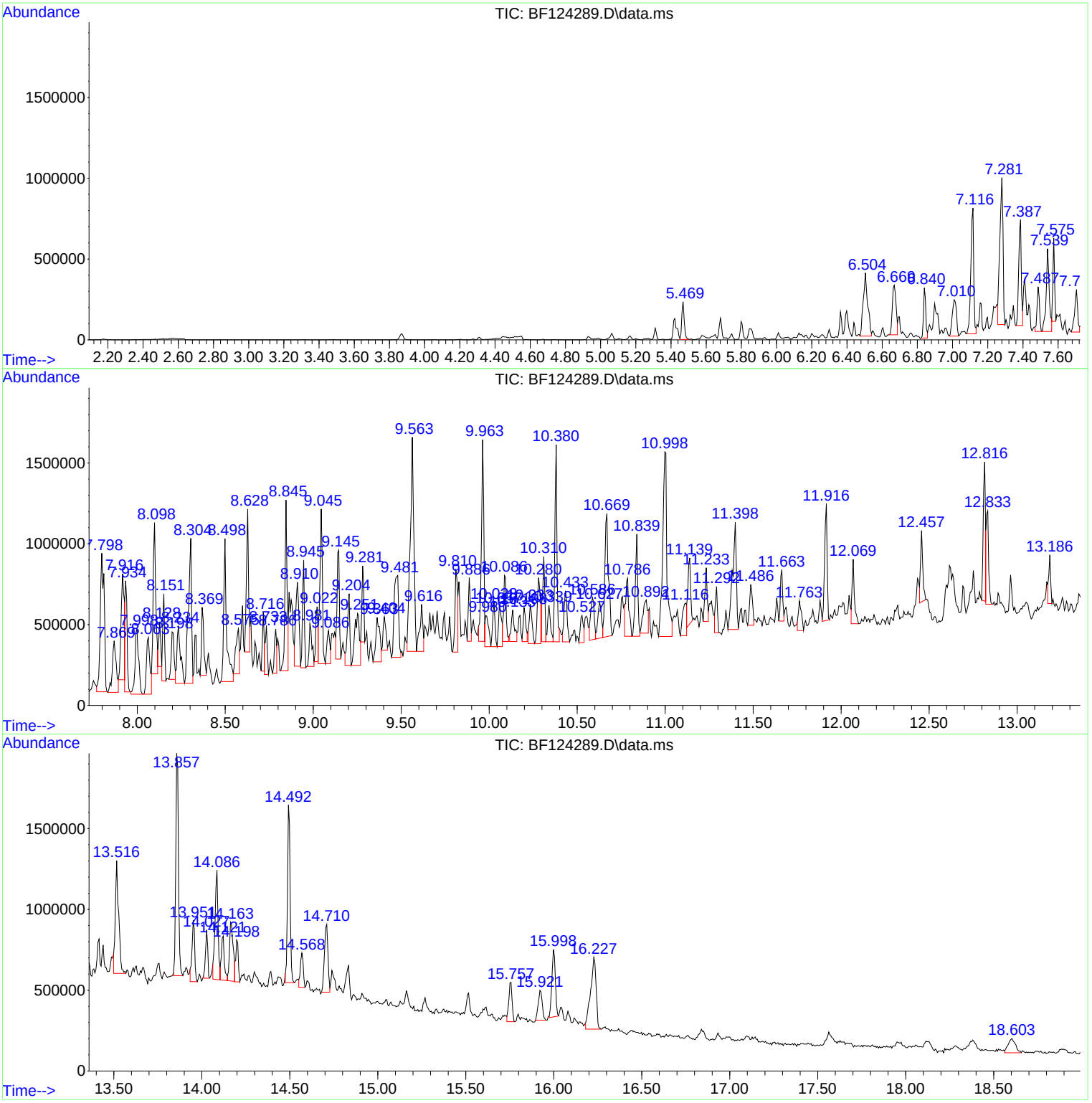
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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\BF061221\
Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
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Misc :
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Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

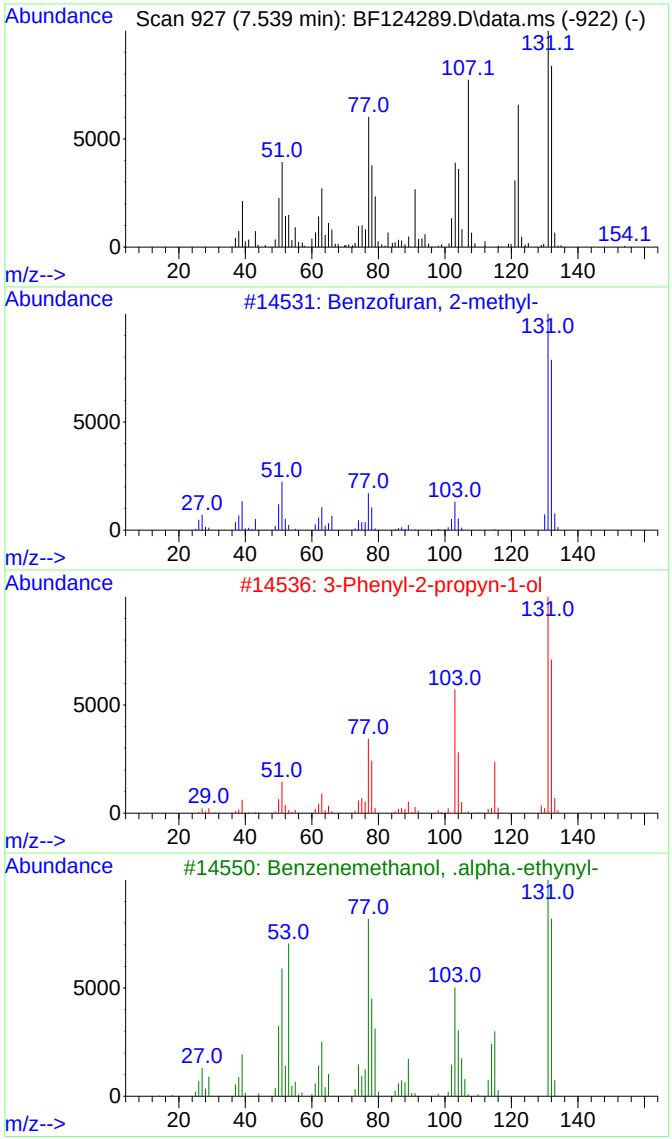
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

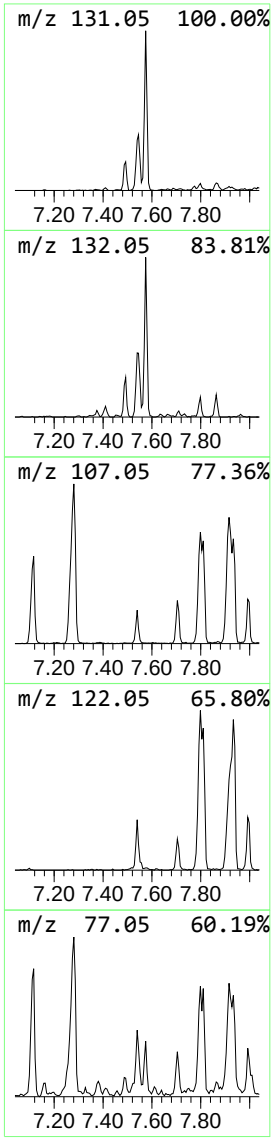
****

Peak Number 1 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.539	60.76 ng	623755	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	78
3	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	68
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	60
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124289.D
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Sample : M2674-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

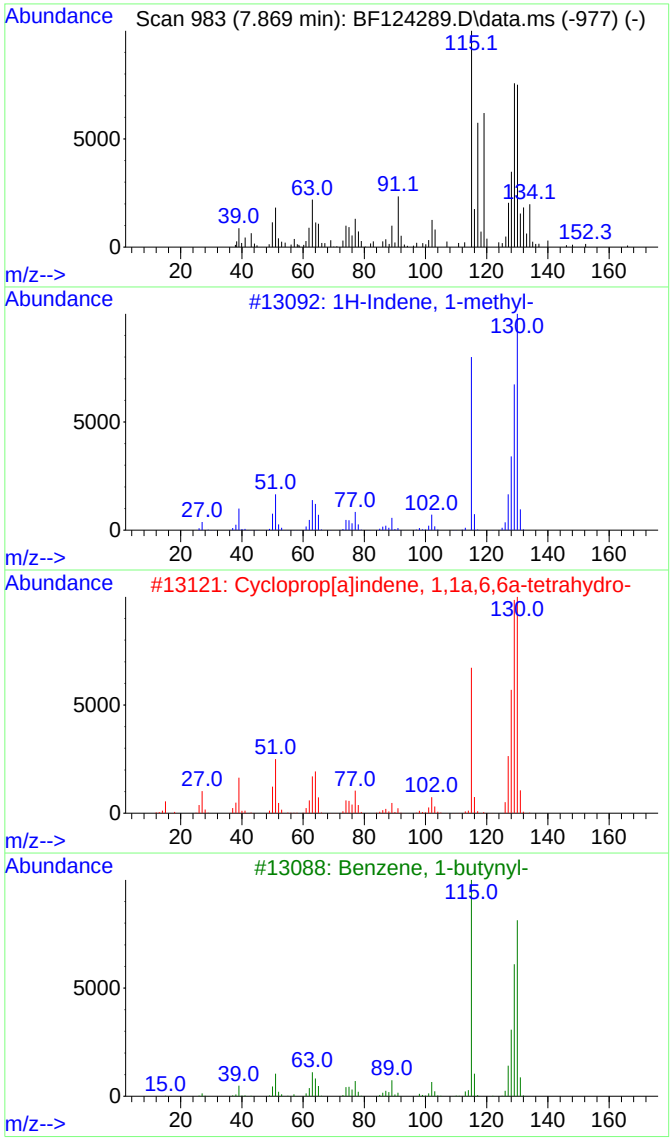
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

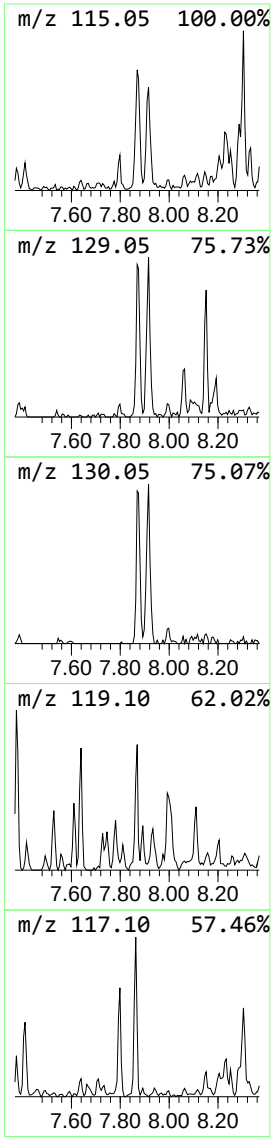
****

Peak Number 2 1H-Indene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	48.33 ng	496208	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	83
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	78
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	64
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	60
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	50





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Acq On : 12 Jun 2021 16:42
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Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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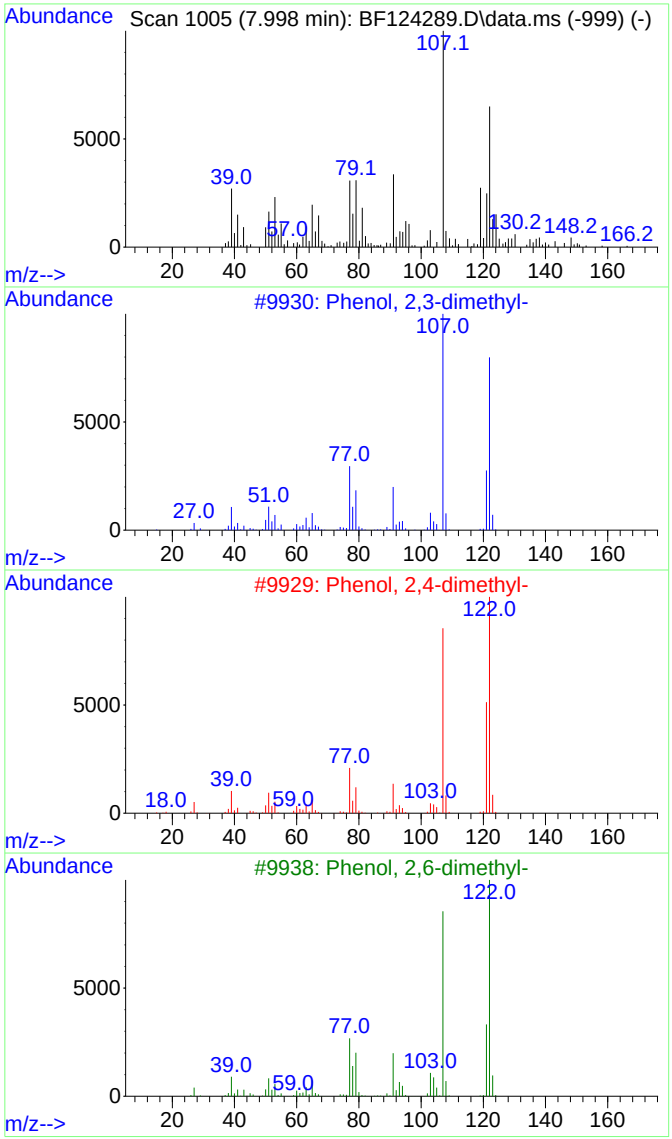
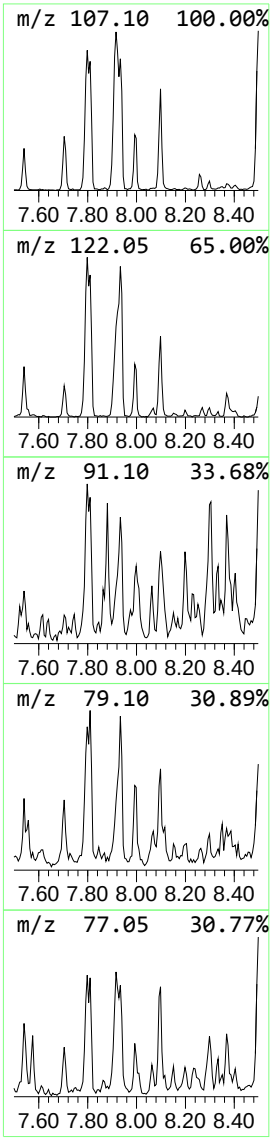
Peak Number 3 Phenol, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	55.76 ng	572438	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	64
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	64
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	58
4	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	58
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
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Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

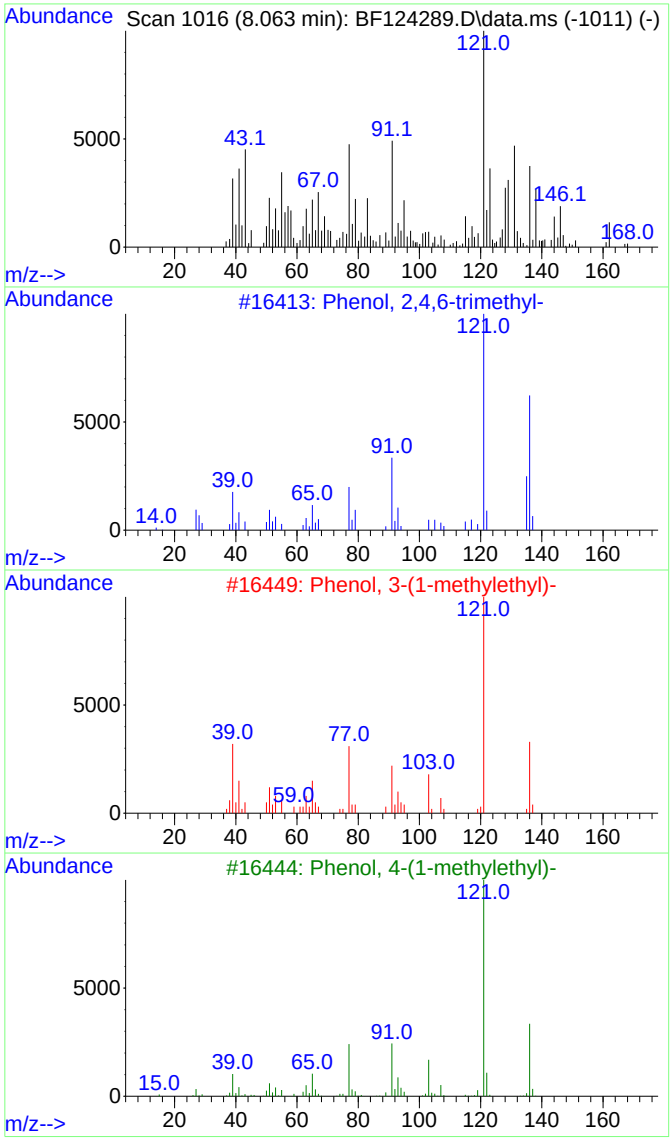
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

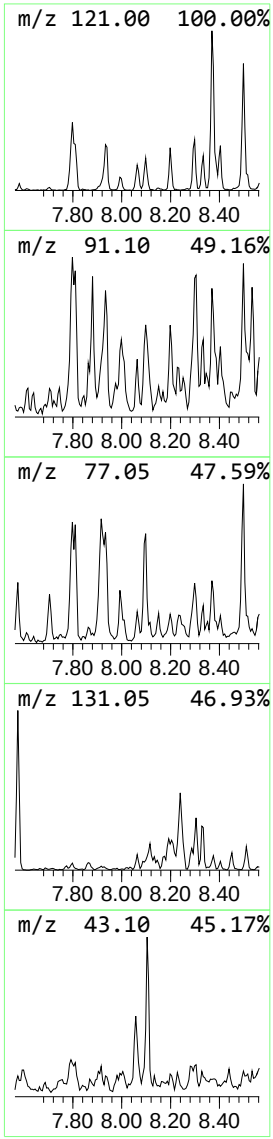
****

Peak Number 4 unknown8.063 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	48.17 ng	494514	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	42
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	38
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	35
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

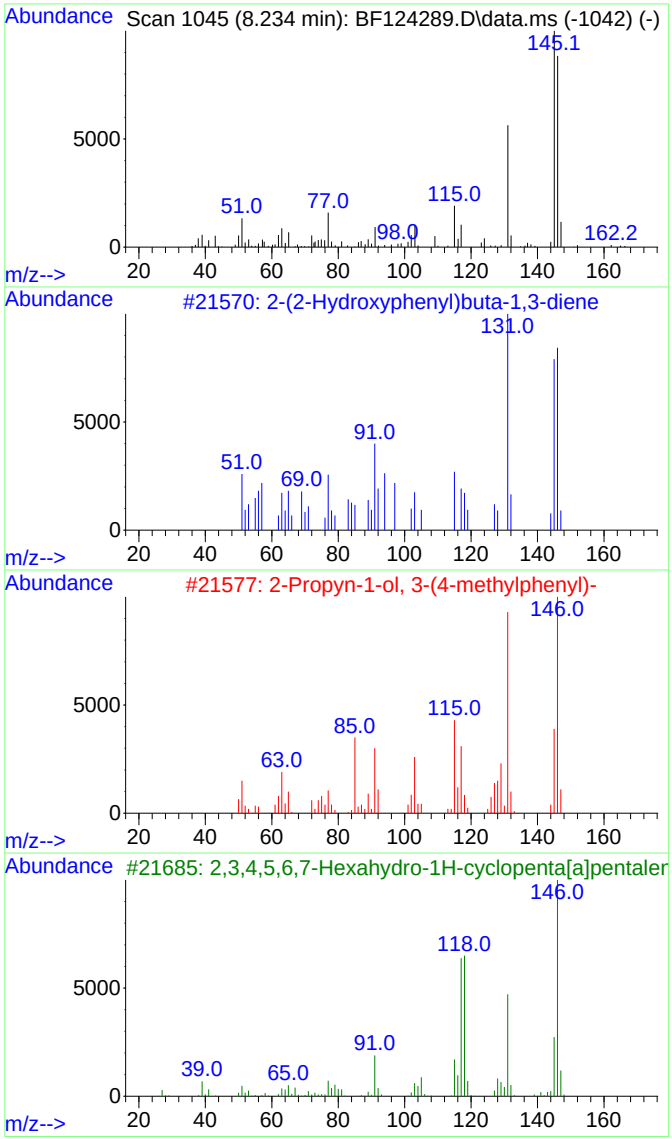
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

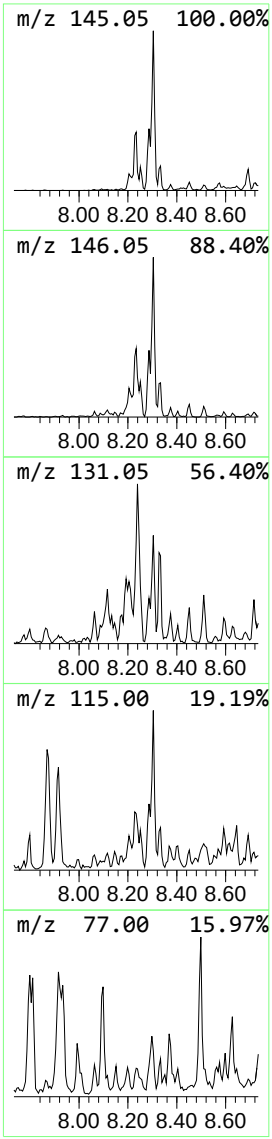
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	48.67 ng	499724	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	72
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	53
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52





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Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TMR-DS-04-060921

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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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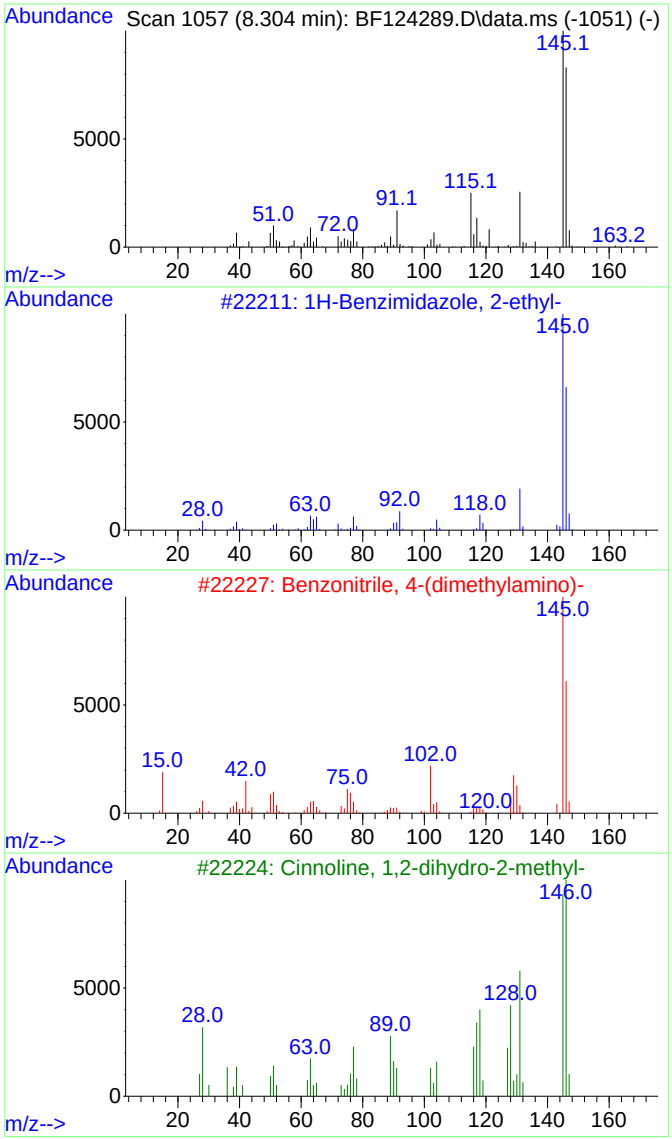
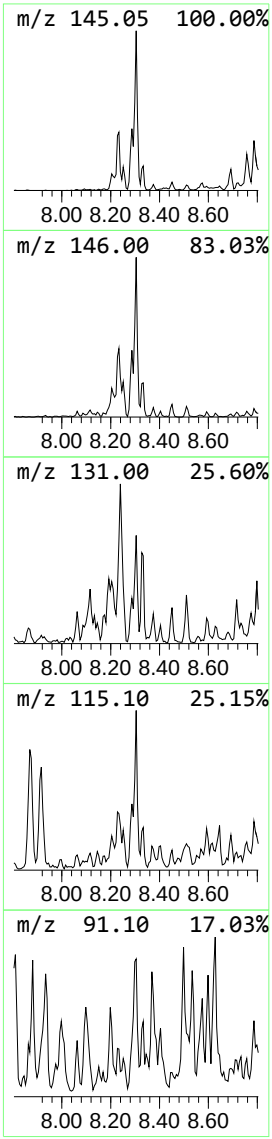
Peak Number 6 1H-Benzimidazole, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	110.66 ng	1136140	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	52
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47





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Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

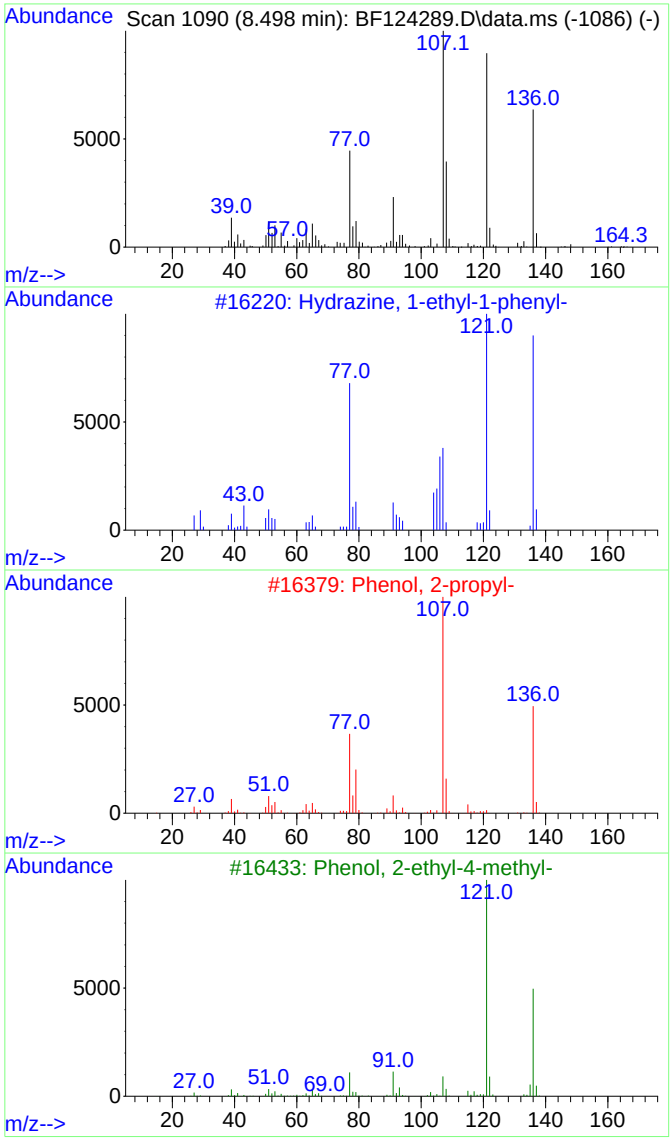
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

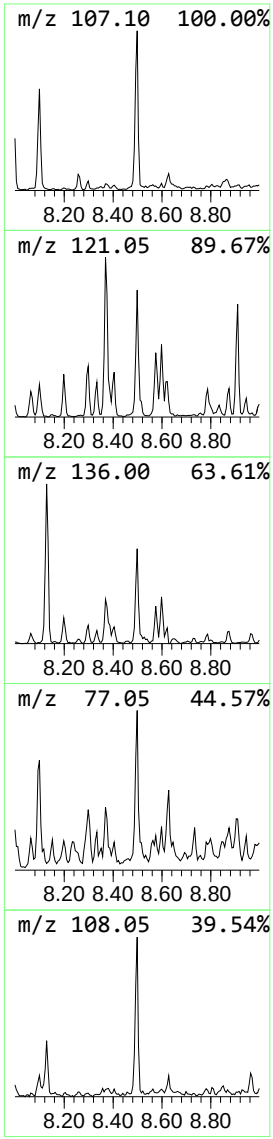
****

Peak Number 7 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	99.66 ng	1023160	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	52
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	49
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	49
4	2-Methyl-3-isopropylpyrazine	136	C8H12N2	015986-81-9	49
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	46





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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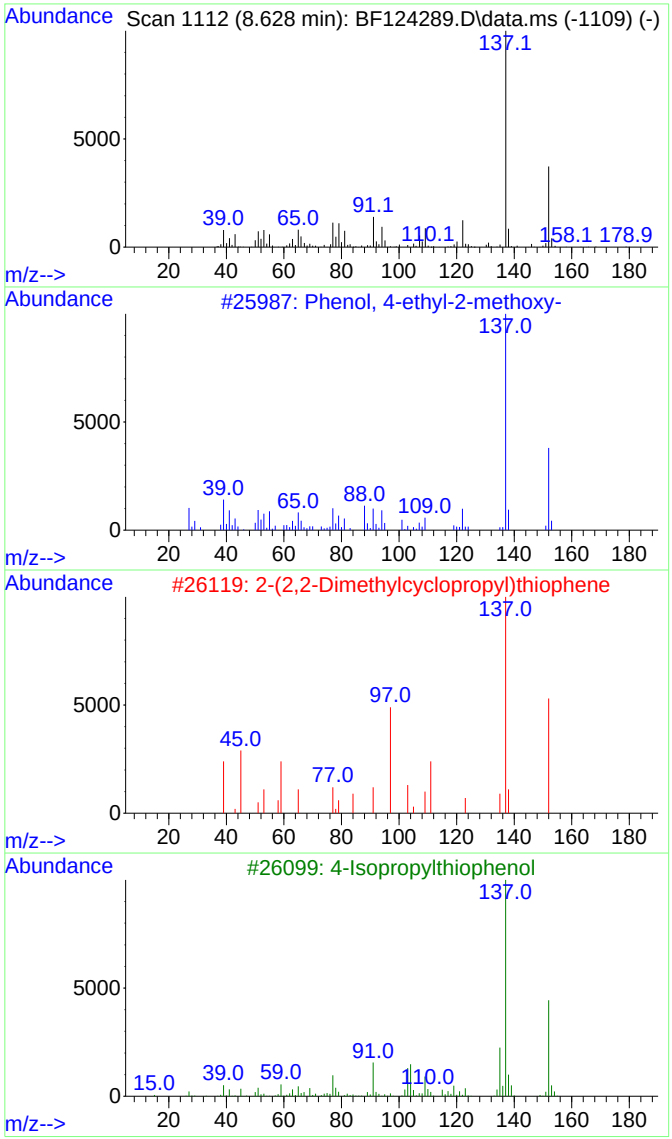
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

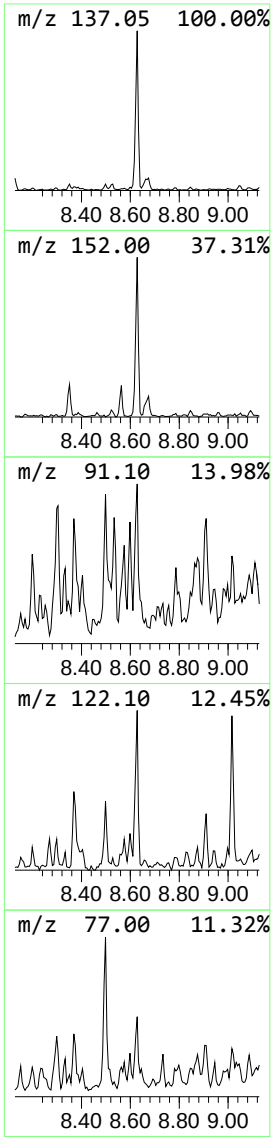
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 4-ethyl-2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	74.05 ng	760269	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	93
2	2-(2,2-Dimethylcyclopropyl)thiop...	152	C9H12S	005919-16-4	64
3	4-Isopropylthiophenol	152	C9H12S	004946-14-9	64
4	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	64
5	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	64





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Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

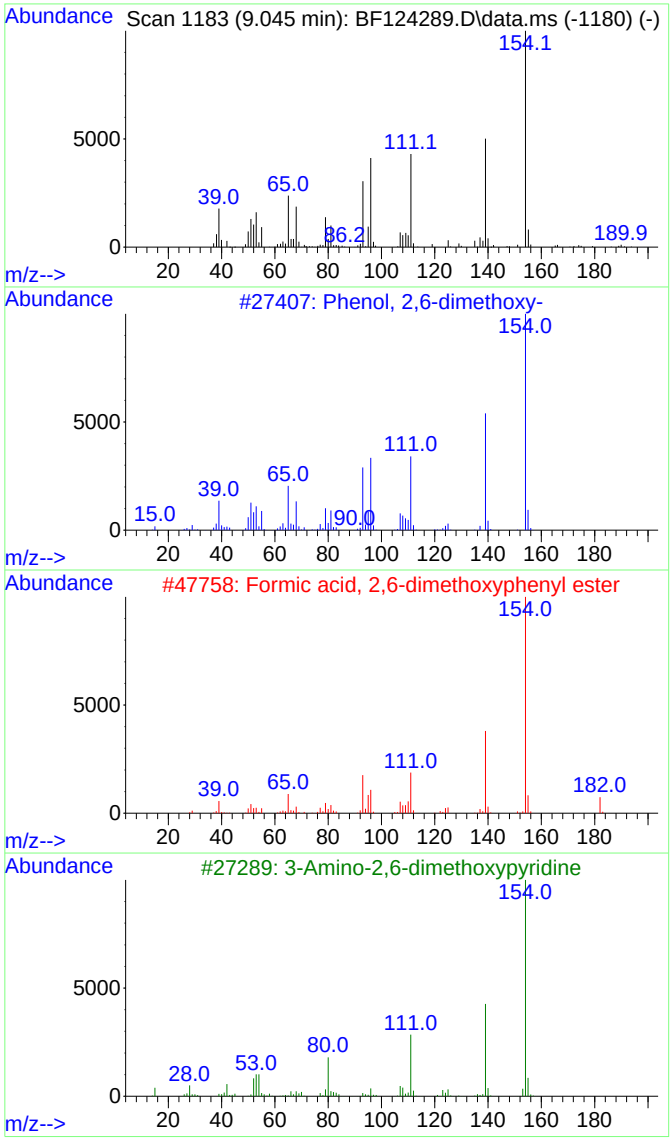
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

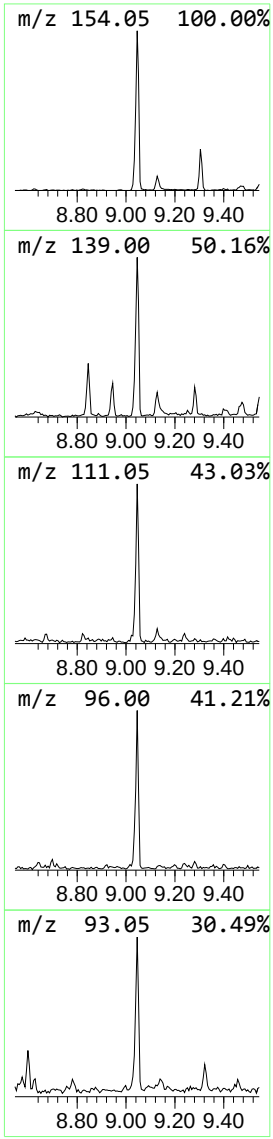
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 2,6-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	58.88 ng	920678	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	96
2	Formic acid, 2,6-dimethoxyphenyl...	182	C9H10O4	1000368-91-0	50
3	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	50
4	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	43
5	2(3H)-Furanone, 3-(dihydro-2(3H)...	154	C8H10O3	055164-40-4	35





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

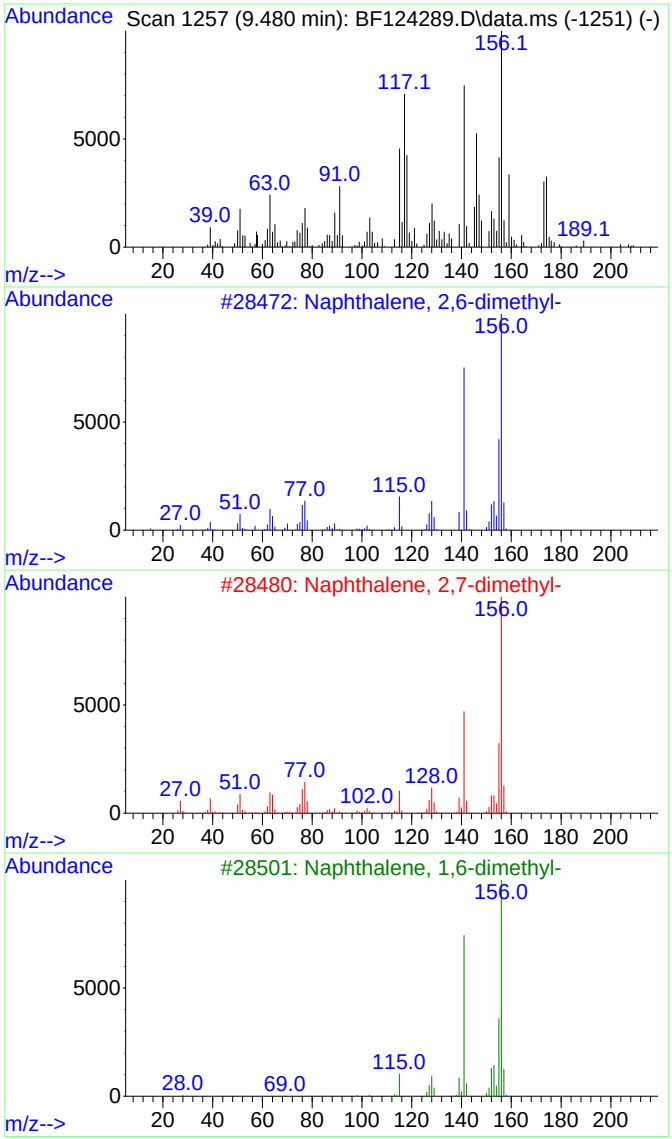
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

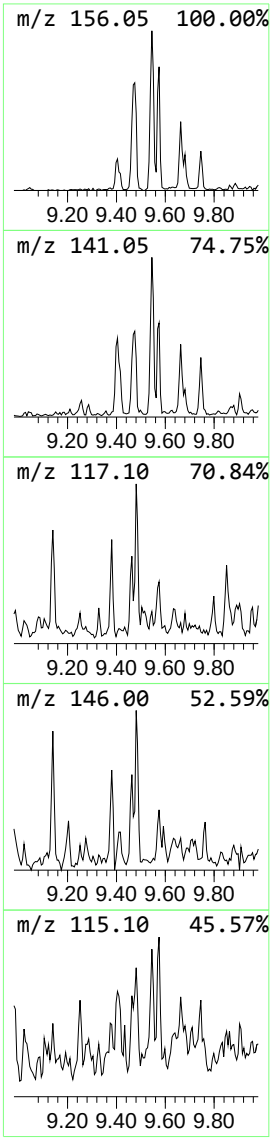
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	57.15 ng	893748	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86





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Sample : M2674-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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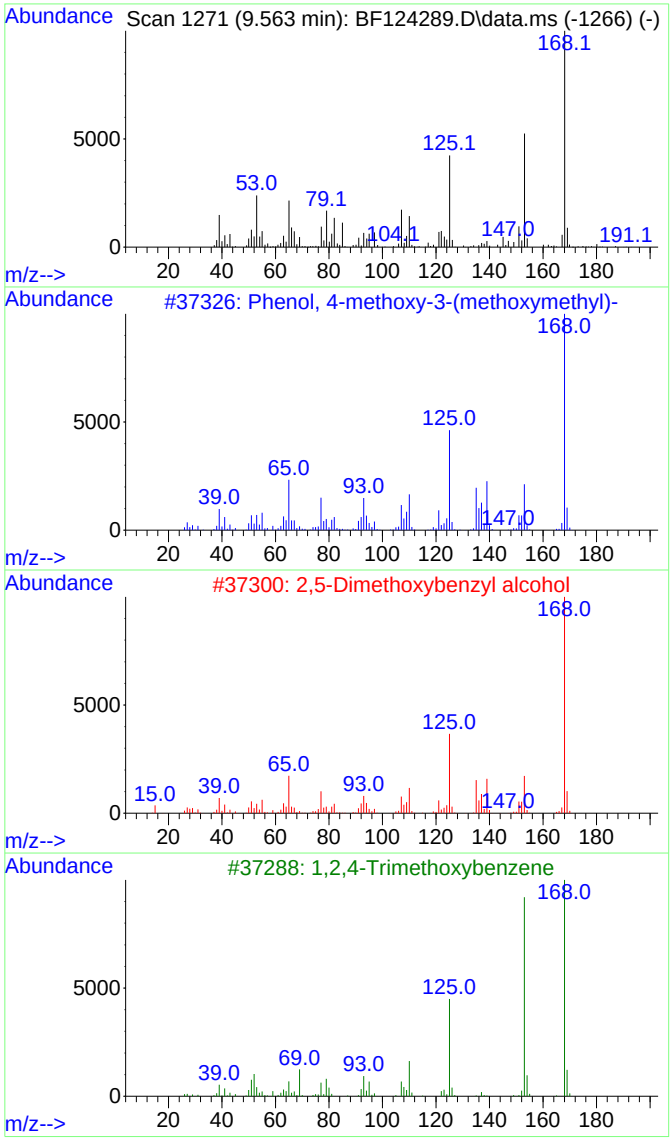
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

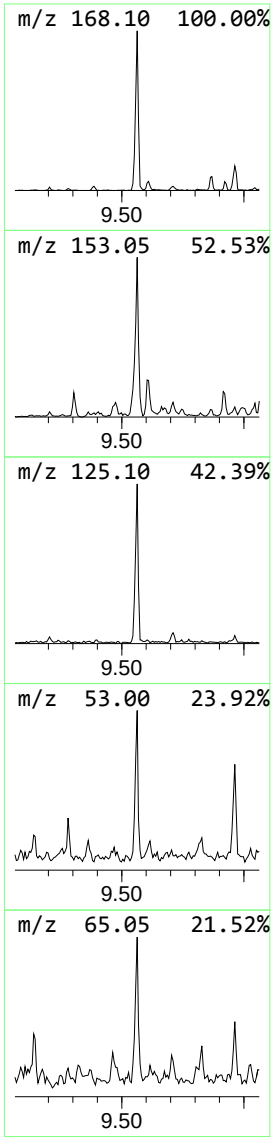
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenol, 4-methoxy-3-(methox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	119.15 ng	1863200	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	70
2	2,5-Dimethoxybenzyl alcohol	168	C9H12O3	033524-31-1	49
3	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	47
4	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	43
5	2,3-Dimethoxybenzyl alcohol	168	C9H12O3	005653-67-8	43





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Operator : JU/CG
Sample : M2674-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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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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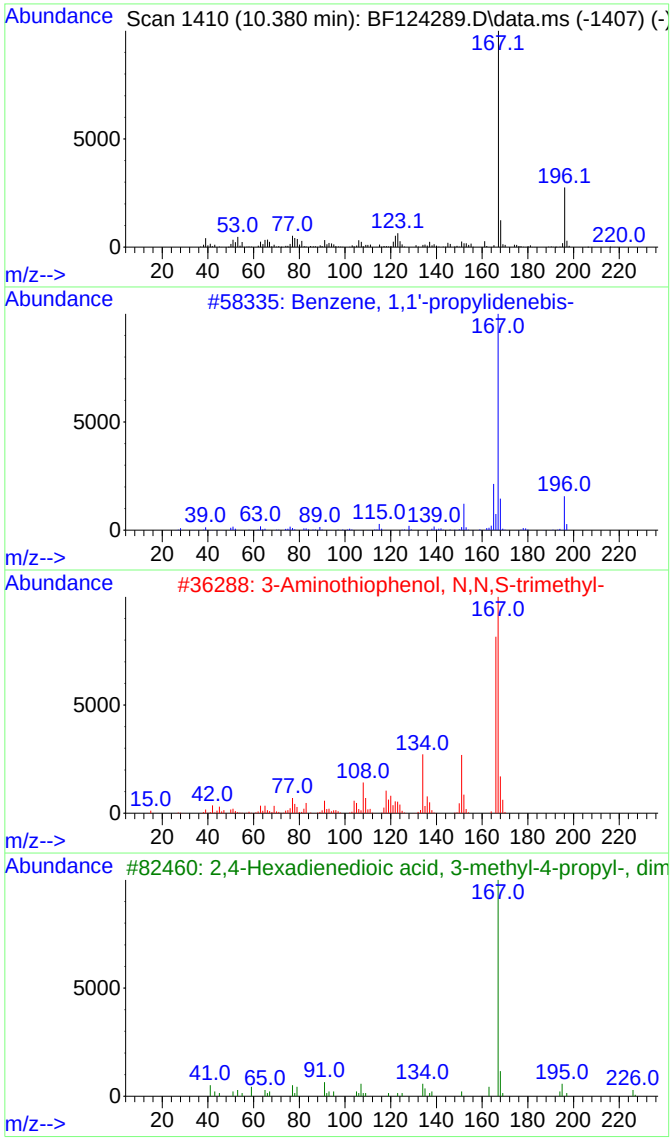
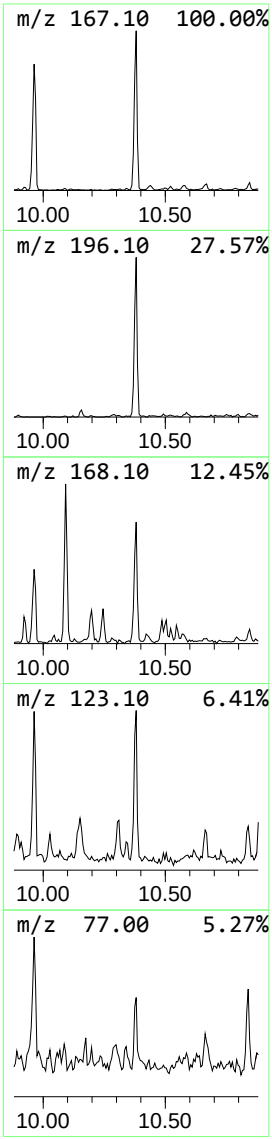
Peak Number 12 unknown10.381 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	64.98 ng	1016120	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	39
2	3-Aminothiophenol, N,N,S-trimethyl-	167	C9H13NS	1000353-08-1	38
3	2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	069796-13-0	36
4	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-11-7	33
5	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	33





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Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

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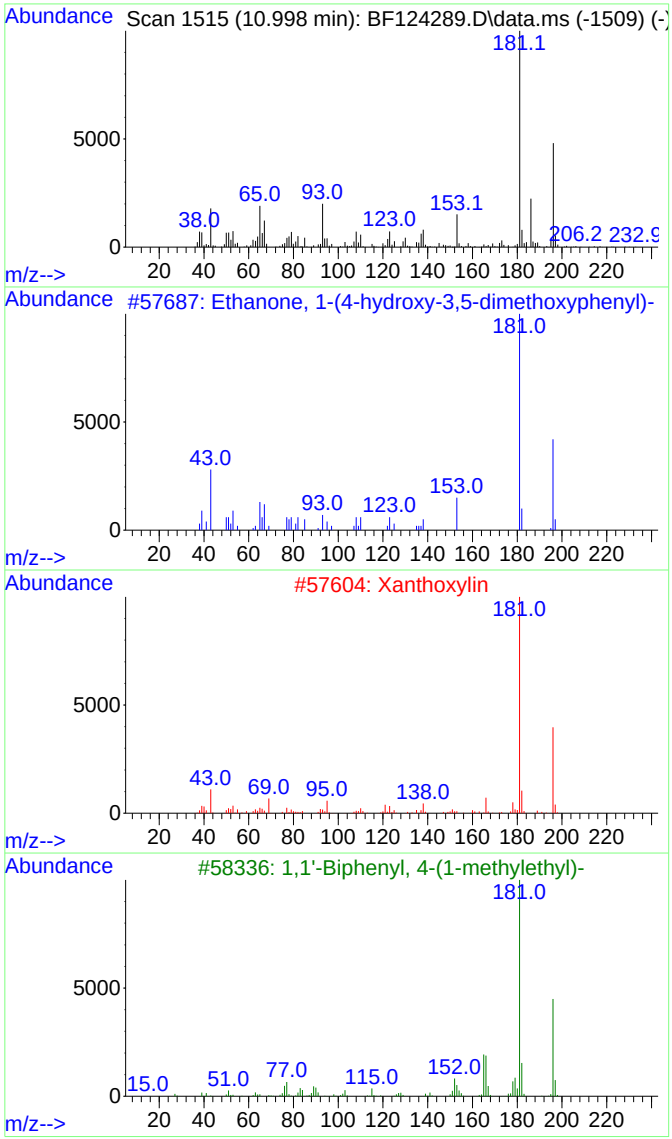
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

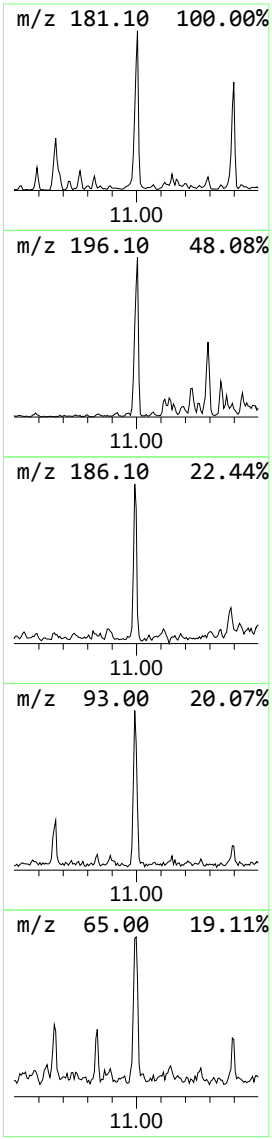
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	39.57 ng	1940090	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	97
2	Xanthoxylin	196	C10H12O4	000090-24-4	47
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	33
4	Acetonitrile, (3-chloro-5,5-dime...	181	C10H12ClN	076399-17-2	30
5	6-Trifluoromethyl-2H,4H-[1,2,4]t...	181	C4H2F3N3O2	1000295-93-2	27





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Misc :
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Instrument : BNA_F
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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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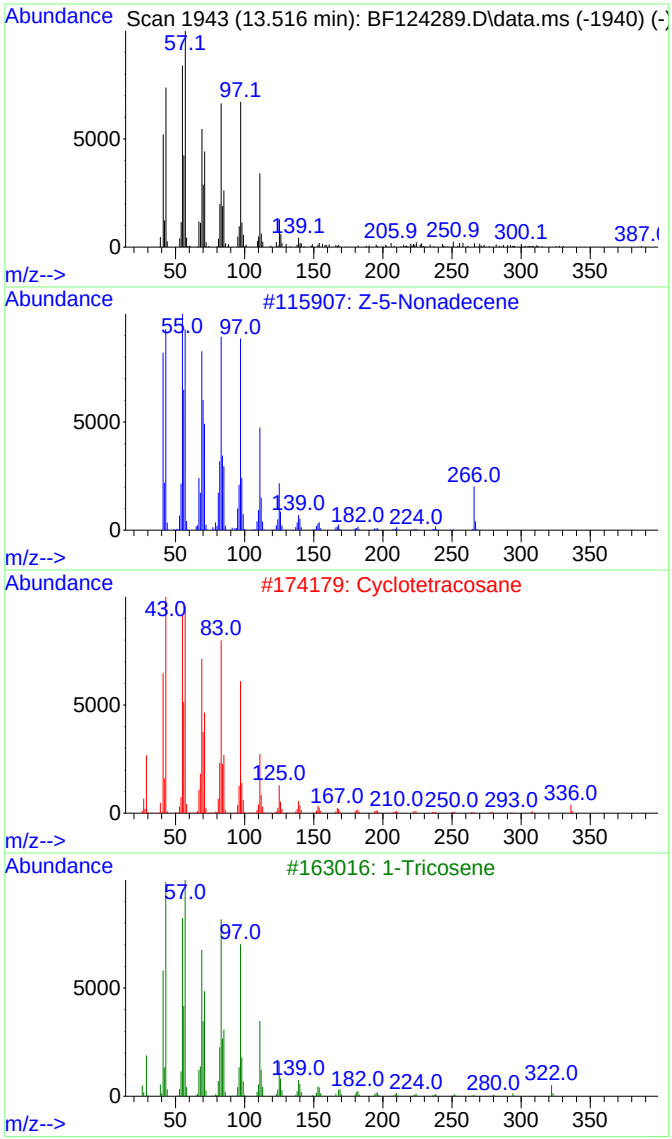
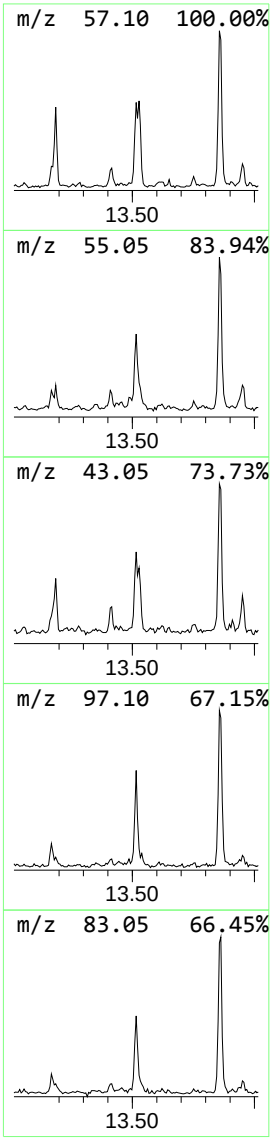
Peak Number 14 Z-5-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	69.57 ng	903391	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	9-Nonadecene	266	C19H38	031035-07-1	90





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Misc :
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ClientSampleId : TMR-DS-04-060921

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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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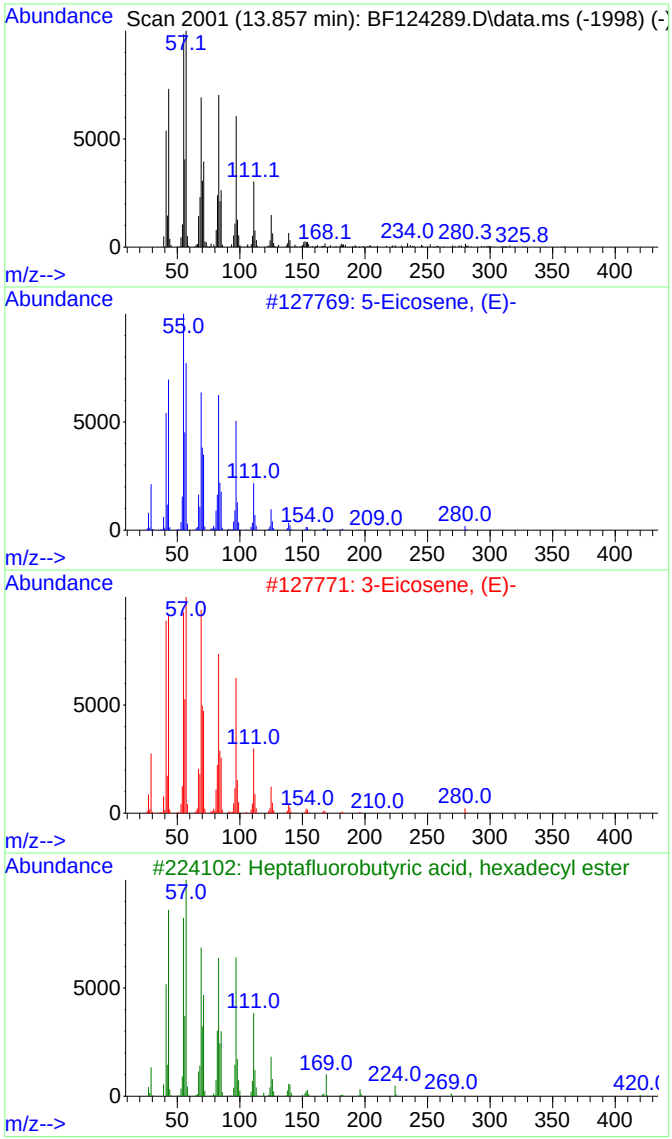
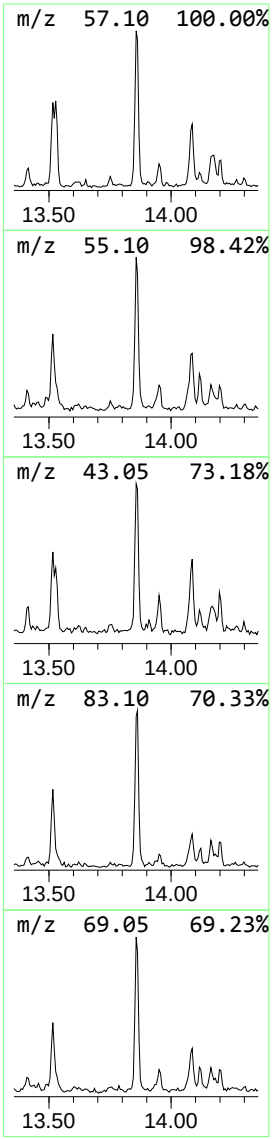
Peak Number 15 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	111.66 ng	1449900	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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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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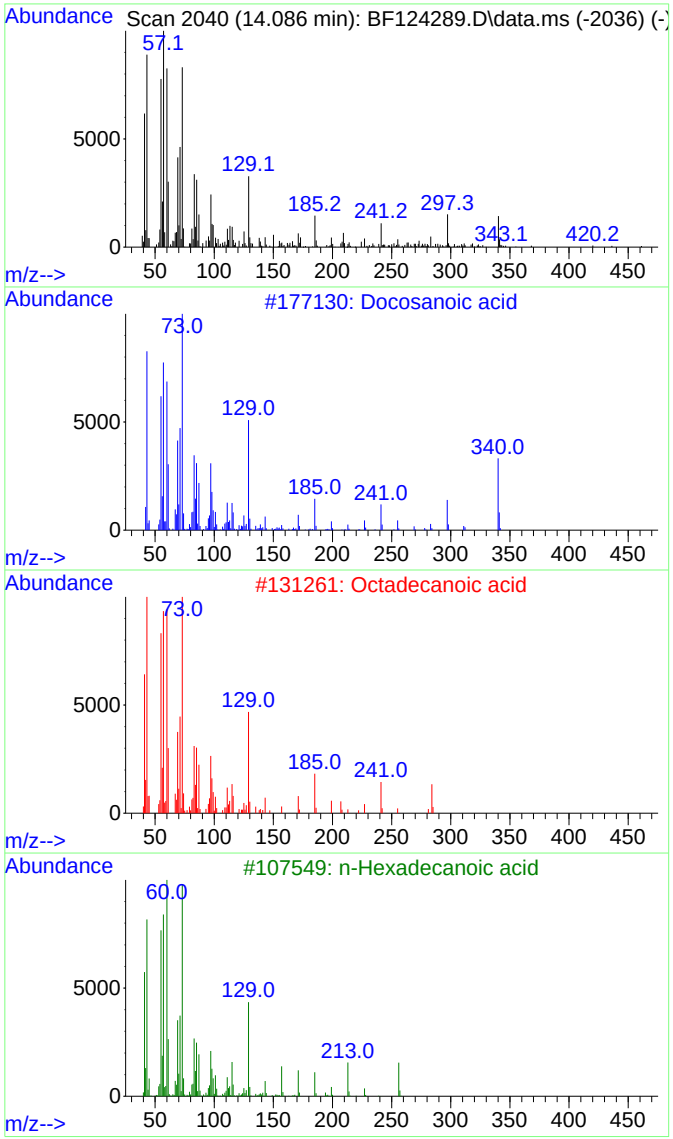
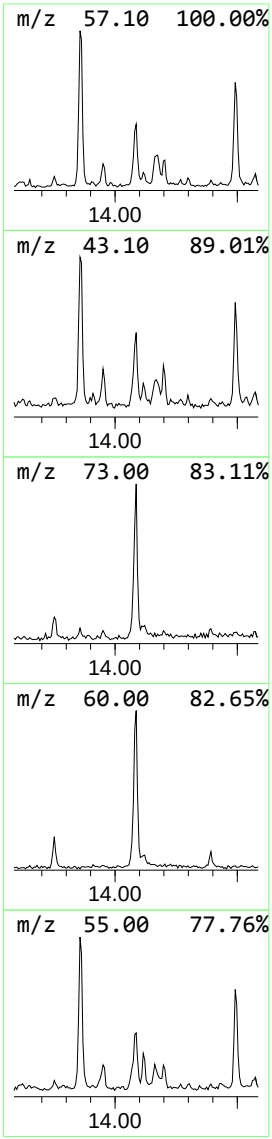
Peak Number 16 Docosanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	62.72 ng	814454	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid	340	C22H44O2	000112-85-6	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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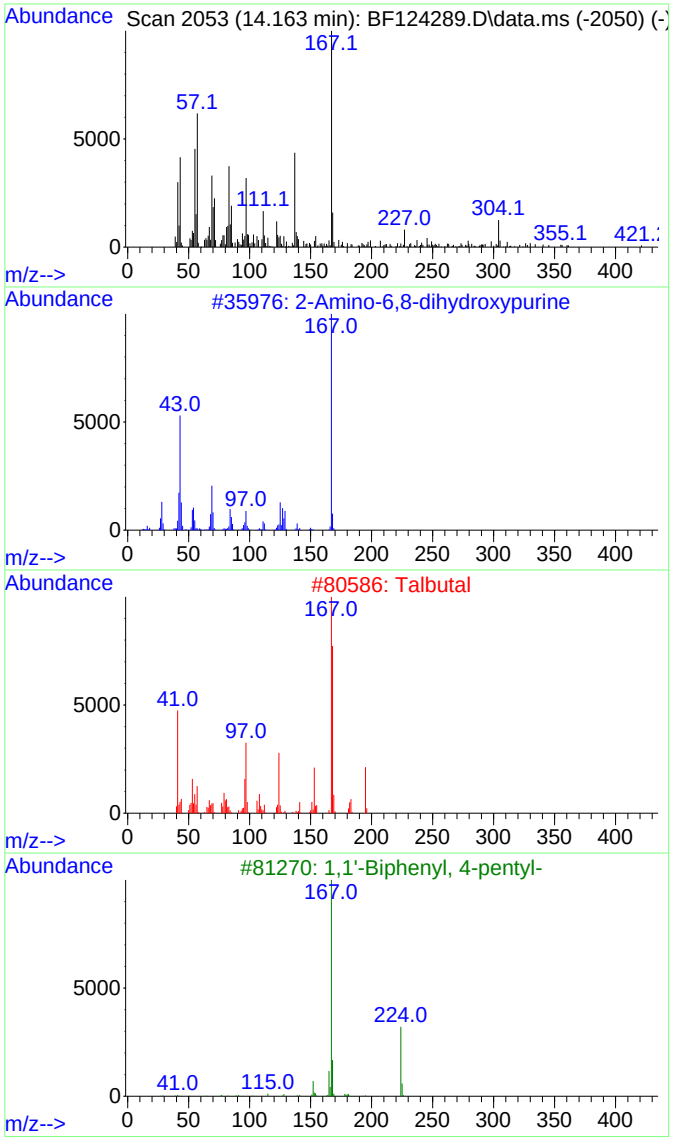
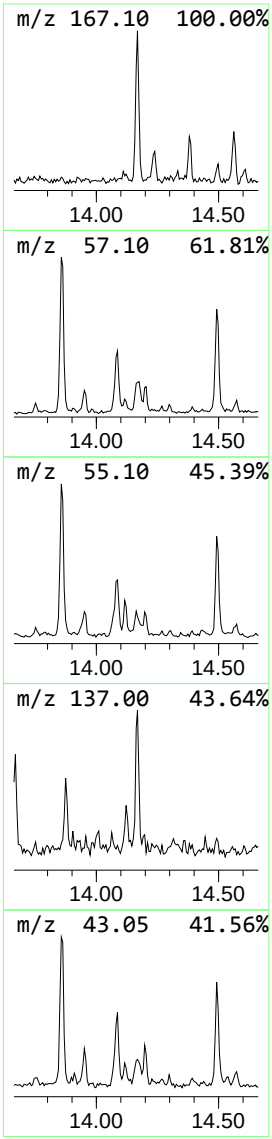
Peak Number 17 unknown14.163 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	41.27 ng	535870	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-6,8-dihydroxypurine	167	C5H5N5O2	005614-64-2	38
2	Talbutal	224	C11H16N2O3	000115-44-6	35
3	1,1'-Biphenyl, 4-pentyl-	224	C17H20	007116-96-3	30
4	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	27
5	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	27





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Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

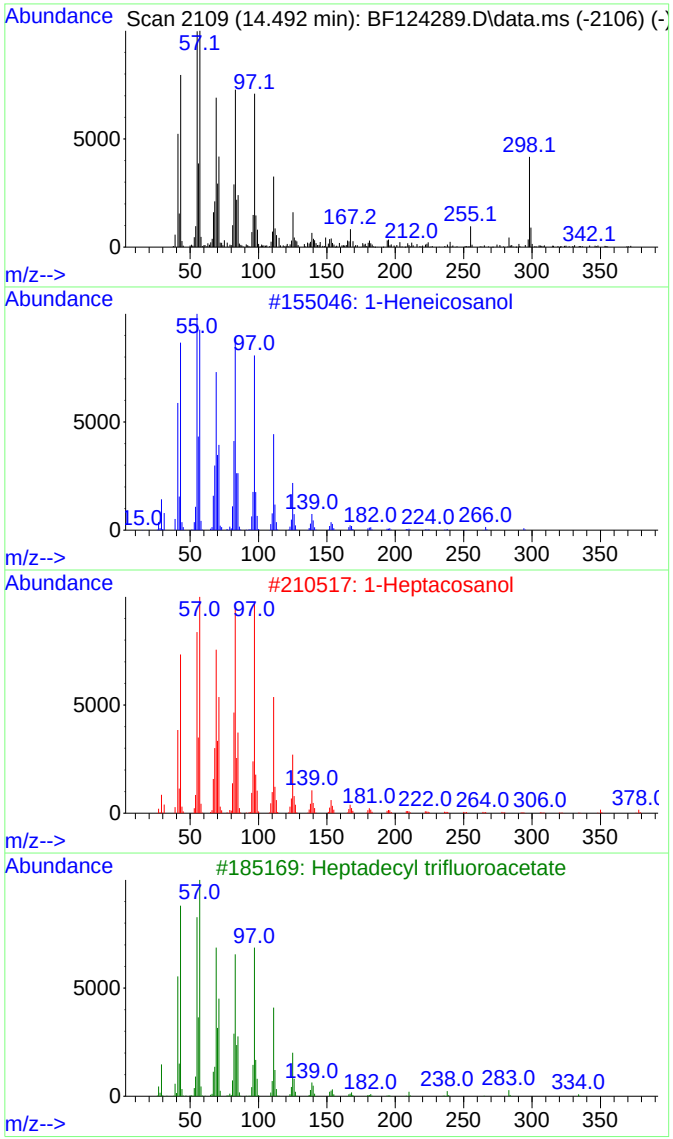
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

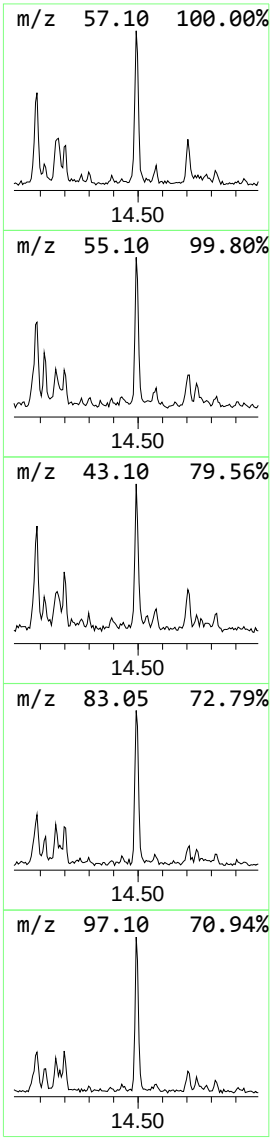
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.492	86.62 ng	1124820	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	92
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81
5	1-Docosene	308	C22H44	001599-67-3	81





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Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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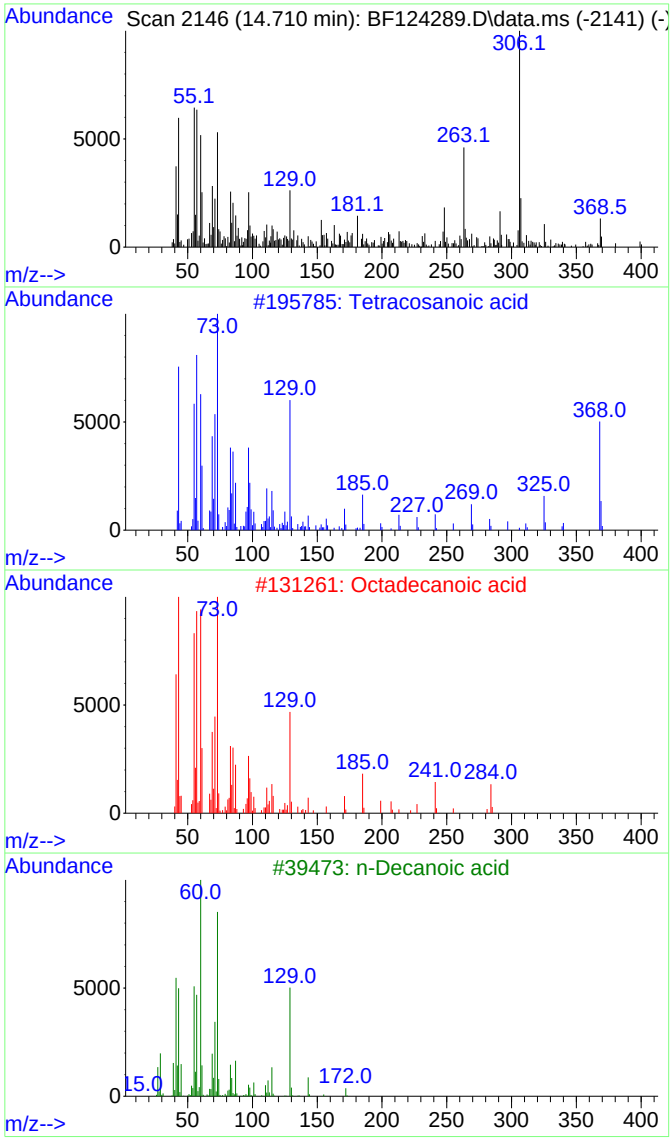
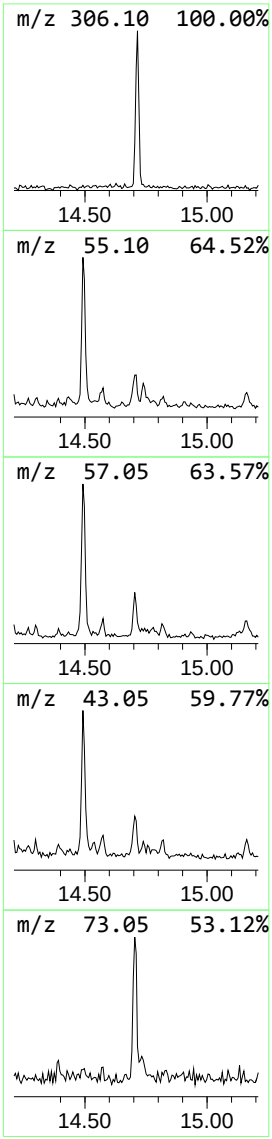
Peak Number 19 Tetracosanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	45.43 ng	589859	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	59
2	Octadecanoic acid	284	C18H36O2	000057-11-4	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	44
4	Coronene, 1,2,5,6,9,10-hexahydro-	306	C24H18	113845-11-7	38
5	9H-Xanthen-9-one, 4-chloro-1,6-d...	306	C15H11ClO5	067065-97-8	38





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Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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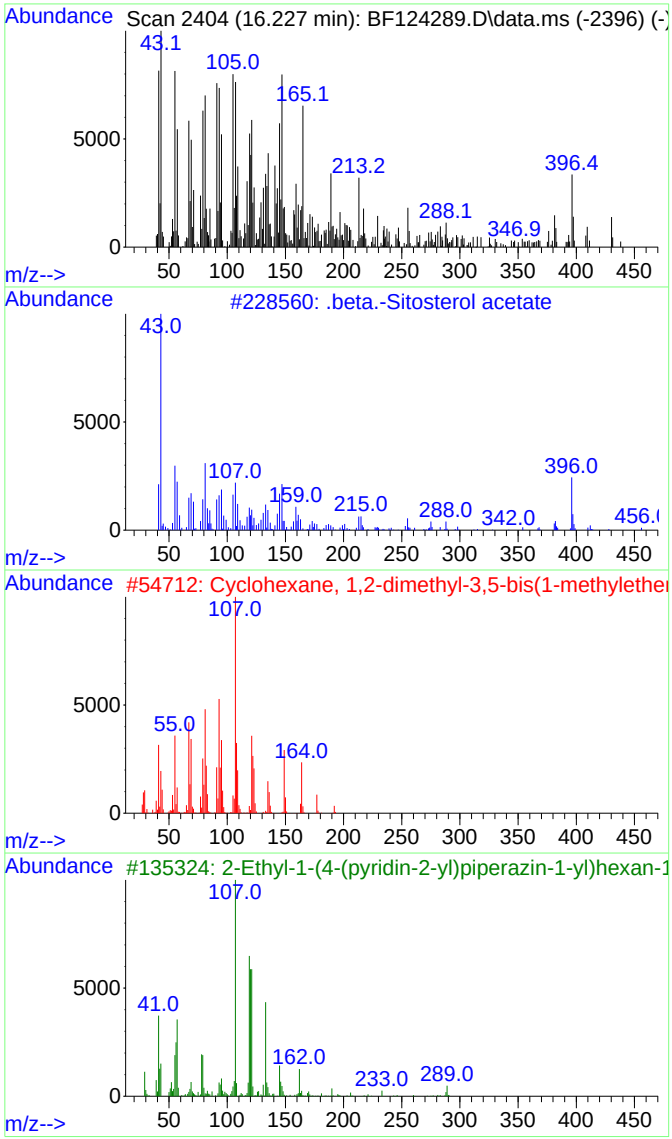
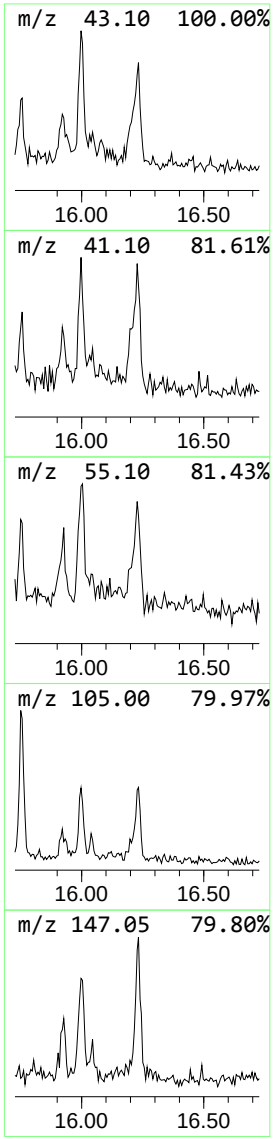
Peak Number 20 unknown16.227 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	63.30 ng	982446	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	46
2	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	062337-99-9	40
3	2-Ethyl-1-(4-(pyridin-2-yl)piper...	289	C17H27N3O	1000368-48-7	38
4	4-Isopropenyl-4,7-dimethyl-1-oxa...	180	C12H20O	1000187-81-7	30
5	Isoaromadendrene epoxide	220	C15H24O	1000159-36-6	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124289.D
Acq On : 12 Jun 2021 16:42
Operator : JU/CG
Sample : M2674-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TMR-DS-04-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
Benzofuran, 2-m...	7.539	60.8	ng	623755	2	8.128	205334	20.0
1H-Indene, 1-me...	7.869	48.3	ng	496208	2	8.128	205334	20.0
Phenol, 2,3-dim...	7.998	55.8	ng	572438	2	8.128	205334	20.0
unknown8.063	8.063	48.2	ng	494514	2	8.128	205334	20.0
2-(2-Hydroxyphe...	8.234	48.7	ng	499724	2	8.128	205334	20.0
1H-Benzimidazol...	8.304	110.7	ng	1136140	2	8.128	205334	20.0
Hydrazine, 1-et...	8.498	99.7	ng	1023160	2	8.128	205334	20.0
Phenol, 4-ethyl...	8.628	74.0	ng	760269	2	8.128	205334	20.0
Phenol, 2,6-dim...	9.045	58.9	ng	920678	3	9.886	312751	20.0
Naphthalene, 2,...	9.480	57.1	ng	893748	3	9.886	312751	20.0
Phenol, 4-metho...	9.563	119.2	ng	1863200	3	9.886	312751	20.0
unknown10.381	10.381	65.0	ng	1016120	3	9.886	312751	20.0
Ethanone, 1-(4-...	10.998	39.6	ng	1940090	4	11.380	980706	20.0
Z-5-Nonadecene	13.515	69.6	ng	903391	5	14.027	259703	20.0
5-Eicosene, (E)-	13.857	111.7	ng	1449900	5	14.027	259703	20.0
Docosanoic acid	14.086	62.7	ng	814454	5	14.027	259703	20.0
unknown14.163	14.163	41.3	ng	535870	5	14.027	259703	20.0
1-Heneicosanol	14.492	86.6	ng	1124820	5	14.027	259703	20.0
Tetracosanoic acid	14.710	45.4	ng	589859	5	14.027	259703	20.0
unknown16.227	16.227	63.3	ng	982446	6	15.509	310414	20.0