LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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: BF124293.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.599	82	87	95	rBV2	72880	114148	3.54%	0.425%
2	2.916	135	141	148	rBV	179732	301889	9.37%	1.125%
3	3.546	240	248	257	rBV	170983	273909	8.50%	1.021%
4	4.469	390	405	407	rBV	1855511	3221988	100.00%	12.007%
5	4.710	439	446	459	rBV	1710531	2206471	68.48%	8.222%
6	4.951	485	487	494	rVB4	20271	32584	1.01%	0.121%
7	5.481	573	577	584	rBV	785764	737593	22.89%	2.749%
8	6.469	741	745	747	rBV	1766093	1680036	52.14%	6.261%
9	6.492	747	749	764	rVB	404108	588124	18.25%	2.192%
10	6.839	805	808	812	rBV	236811	214748	6.67%	0.800%
11	7.275	876	882	887	rBV3	52062	66505	2.06%	0.248%
12	7.375	893	899	901	rBV	151809	169609	5.26%	0.632%
13	7.410	901	905	908	rVB	596862	505502	15.69%	1.884%
14	7.569	928	932	934	rBV	66988	69689	2.16%	0.260%
15	7.598	934	937	942	rVV	393346	369505	11.47%	1.377%
16	8.128	1023	1027	1028	rBV	281133	233895	7.26%	0.872%
17	8.145	1028	1030	1034	rVB	448509	380055	11.80%	1.416%
18	8.639	1112	1114	1121	rVB	148996	151313	4.70%	0.564%
19	8.839	1145	1148	1151	rBV	251629	199447	6.19%	0.743%
20	8.933	1160	1164	1168	rVB2	181848	235628	7.31%	0.878%
21	9.033	1177	1181	1185	rVB4	34167	35640	1.11%	0.133%
22	9.198	1205	1209	1213	rBV	1029348	909335	28.22%	3.389%
23	9.298	1224	1226	1231	rVB	75119	63186	1.96%	0.235%
24	9.463	1250	1254	1258	rBV	89190	115240	3.58%	0.429%
25	9.545	1264	1268	1270	rBV2	213814	254747	7.91%	0.949%
26	9.563	1270	1271	1276	rVB	127577	89807	2.79%	0.335%
27	9.657	1284	1287	1288	rBV	59952	46807	1.45%	0.174%
28	9.863	1319	1322	1323	rBV	59804	53198	1.65%	0.198%
29	9.880	1323	1325	1328	rVV2	85340	85229	2.65%	0.318%
30	9.916	1328	1331	1334	rVV2	84321	78706	2.44%	0.293%
31	9.951	1334	1337	1340	rVV2	65144	58874	1.83%	0.219%
32	10.086	1356	1360	1363	rBV	376440	315751	9.80%	1.177%
33	10.122	1363	1366	1370	rVB2	53594	43787	1.36%	0.163%
34	10.198	1375	1379	1381	rBV	43447	39671	1.23%	0.148%
35	10.286	1390	1394	1396	rBV3	26545	34030	1.06%	0.127%
36	10.375	1404	1409	1413	rVB2	39886	69611	2.16%	0.259%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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	10.427	1413	1418	1424	rBV2	168596	174649	5.42%	0.651%
38	10.586	1442	1445	1448	rVB	144815	124204	3.85%	0.463%
39	10.675	1456	1460	1464	rBV	776076	689261	21.39%	2.569%
40	10.792	1478	1480	1486	rVB6	30457	32304	1.00%	0.120%
41	11.051	1519	1524	1529	rVV7	15196	34732	1.08%	0.129%
42	11.104	1530	1533	1535	rVV2	72824	73812	2.29%	0.275%
43	11.127	1535	1537	1539	rVV	54776	53399	1.66%	0.199%
44	11.180	1542	1546	1550	rVV	244694	220041	6.83%	0.820%
45	11.216	1550	1552	1558	rVV4	74146	122964	3.82%	0.458%
46	11.269	1558	1561	1566	rVB	106299	99481	3.09%	0.371%
47	11.404	1575	1584	1587	rBV	2185105	2170295	67.36%	8.088%
48	11.451	1589	1592	1594	rVV	177648	152549	4.73%	0.568%
49	11.551	1605	1609	1614	rVB3	35167	39741	1.23%	0.148%
50	11.616	1614	1620	1625	rBV7	40327	78302	2.43%	0.292%
51	11.663	1625	1628	1631	rVV2	61842	59418	1.84%	0.221%
52	11.704	1631	1635	1640	rVV3	65972	80197	2.49%	0.299%
53	11.757	1641	1644	1652	rVV5	88509	129887	4.03%	0.484%
54	11.833	1653	1657	1659	rVV2	29944	36558	1.13%	0.136%
55	11.874	1661	1664	1666	rVV	288867	247688	7.69%	0.923%
56	11.904	1666	1669	1672	rVV	420223	362153	11.24%	1.350%
57	11.951	1672	1677	1679	rVV	65249	85440	2.65%	0.318%
58	11.980	1679	1682	1685	rVV2	148587	182085	5.65%	0.679%
59	12.010	1685	1687	1690	rVV	168240	142632	4.43%	0.532%
60	12.169	1709	1714	1716	rVV	201130	190631	5.92%	0.710%
61	12.198	1716	1719	1724	rVB	202551	185571	5.76%	0.692%
62	12.316	1733	1739	1742	rBV3	102393	118022	3.66%	0.440%
63	12.351	1742	1745	1747	rVV	56032	48640	1.51%	0.181%
64	12.374	1747	1749	1751	rVV	72096	57062	1.77%	0.213%
65	12.427	1753	1758	1760	rBV2	103698	123307	3.83%	0.460%
66	12.451	1760	1762	1765	rVV2	52629	68323	2.12%	0.255%
67	12.480	1765	1767	1769	rVV	67849	50853	1.58%	0.190%
68	12.516	1769	1773	1777	rVB2	131556	135175	4.20%	0.504%
69	12.592	1781	1786	1789	rBV	1262885	1150035	35.69%	4.286%
70	12.627	1789	1792	1794	rVV3	57468	58861	1.83%	0.219%
71	12.651	1794	1796	1799	rVB3	56267	50649	1.57%	0.189%
72	12.721	1803	1808	1810	rBV3	71389	82881	2.57%	0.309%
73	12.769	1814	1816	1818	rVB3	56500	44832	1.39%	0.167%
74	12.798	1818	1821	1822	rBV	239467	208173	6.46%	0.776%
75	12.821	1822	1825	1830	rVV	431616	460447	14.29%	1.716%
76	12.863	1830	1832	1837	rVV2	92341	100075	3.11%	0.373%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

77	12.957	1840	1848	1855	rVV3	673133	828637	25.72%	3.088%
78	13.039	1858	1862	1867	rVV3	102300	187356	5.81%	0.698%
79	13.092	1869	1871	1873	rVV2	74642	76027	2.36%	0.283%
80	13.139	1873	1879	1883	rVB5	93089	209727	6.51%	0.782%
81	13.180	1883	1886	1889	rBV5	38468	54438	1.69%	0.203%
82	13.245	1893	1897	1901	rVV3	125248	159443	4.95%	0.594%
83	13.368	1916	1918	1922	rBV3	53956	71789	2.23%	0.268%
84	13.439	1927	1930	1932	rBV3	30488	38520	1.20%	0.144%
85	13.521	1940	1944	1949	rBV7	45732	93667	2.91%	0.349%
86	13.657	1964	1967	1970	rBV	286284	250449	7.77%	0.933%
87	13.763	1982	1985	1988	rVV2	133344	125979	3.91%	0.469%
88	13.792	1988	1990	1993	rVB	106977	85415	2.65%	0.318%
89	13.821	1993	1995	1997	rBV2	41179	44806	1.39%	0.167%
90	13.868	2000	2003	2006	rVB	133742	131743	4.09%	0.491%
91	14.010	2023	2027	2029	rBV	445565	452717	14.05%	1.687%
92	14.045	2031	2033	2042	rVB	567360	542700	16.84%	2.022%
93	14.110	2042	2044	2047	rVB4	49927	47057	1.46%	0.175%
94	14.404	2092	2094	2097	rVB	92120	85988	2.67%	0.320%
95	14.439	2097	2100	2104	rBV2	68792	69665	2.16%	0.260%
96	14.486	2104	2108	2113	rVB2	44928	62879	1.95%	0.234%
97	15.068	2203	2207	2214	rVB	220657	363725	11.29%	1.355%
98	15.374	2255	2259	2263	rVB	82341	112610	3.50%	0.420%
99	15.433	2266	2269	2273	rVB	72990	84363	2.62%	0.314%
100	16.980	2530	2532	2541	rVB10	41959	83748	2.60%	0.312%

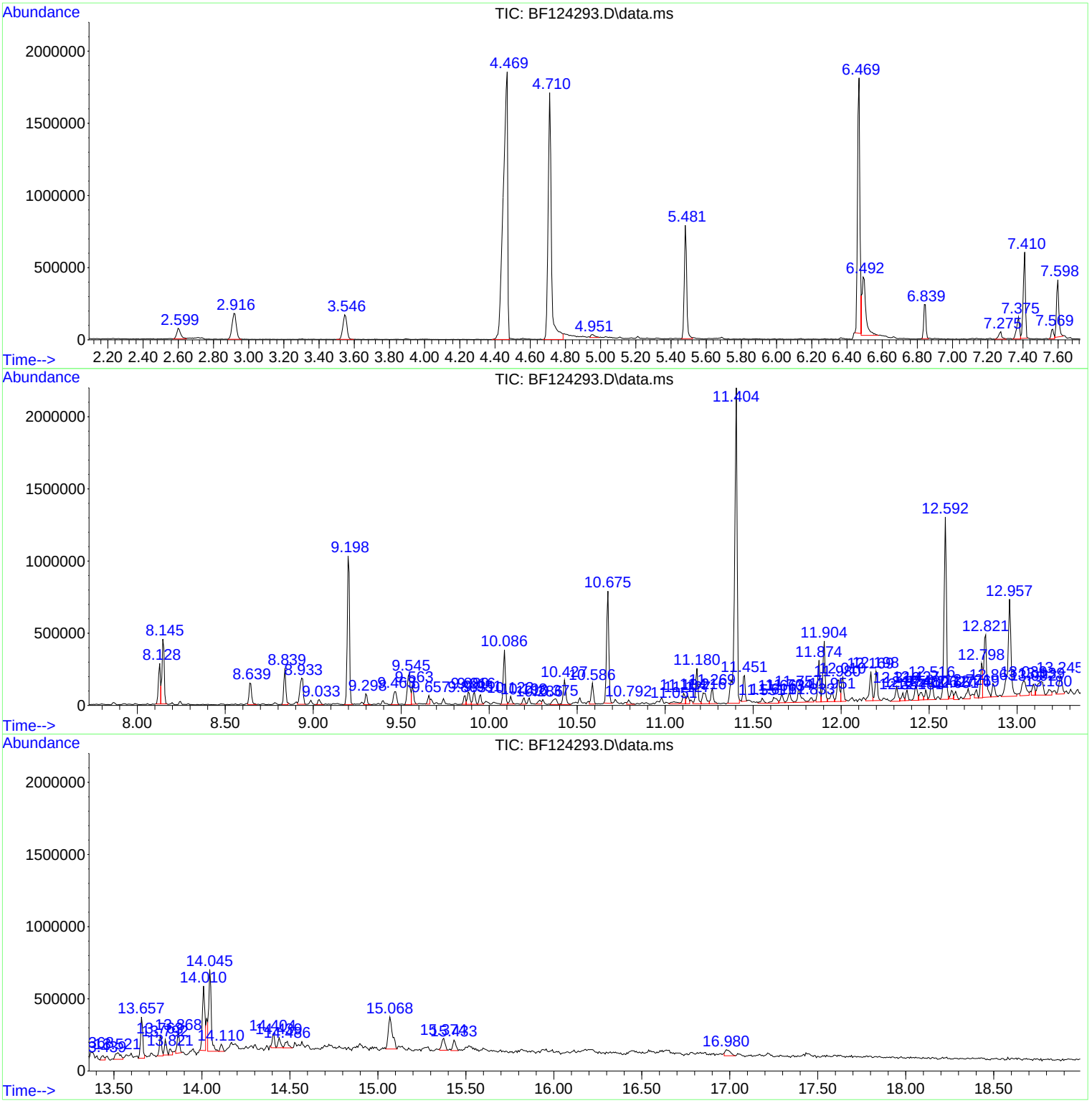
Sum of corrected areas: 26835034

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

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 : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

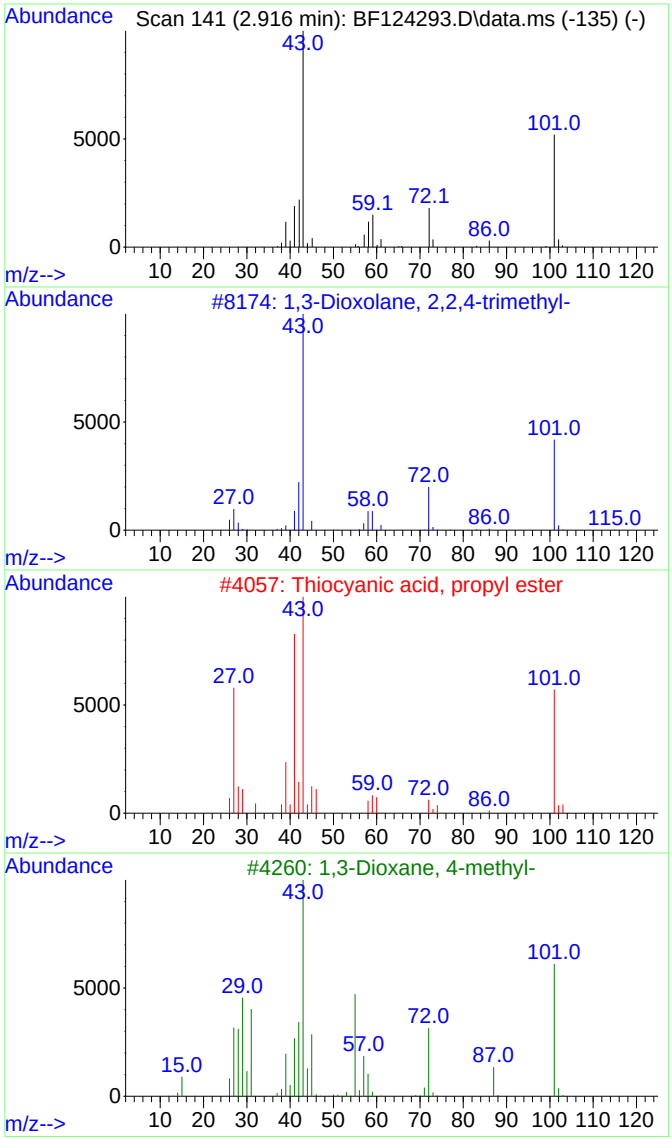
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

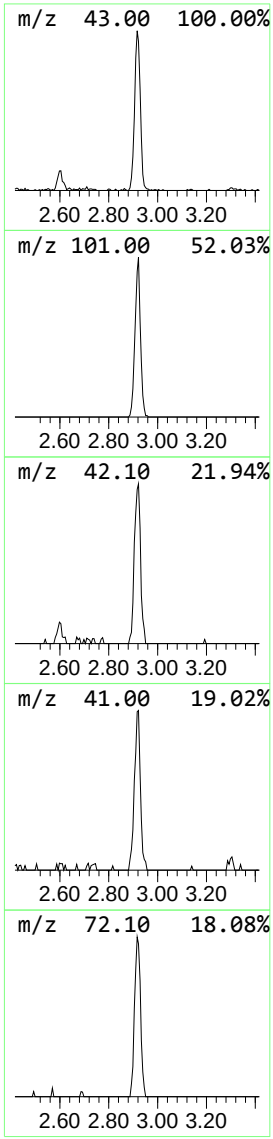
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.916	28.12 ng	301889	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	83
2	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	64
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	59
4	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	50
5	Propanamide, N,N-dimethyl-	101	C5H11NO	000758-96-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

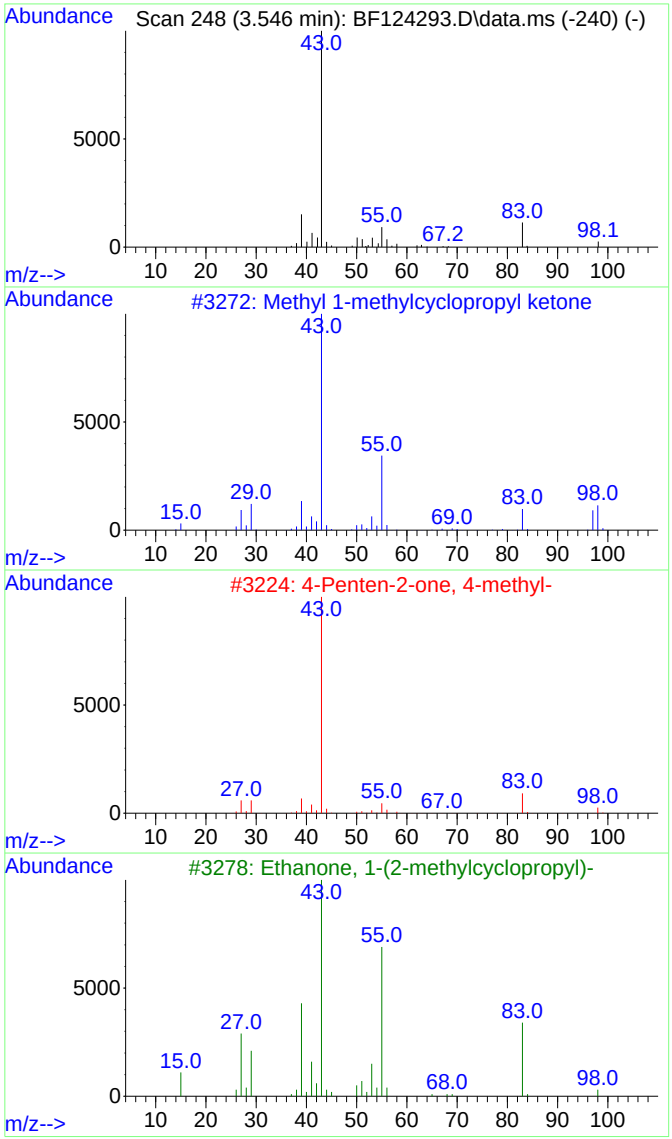
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

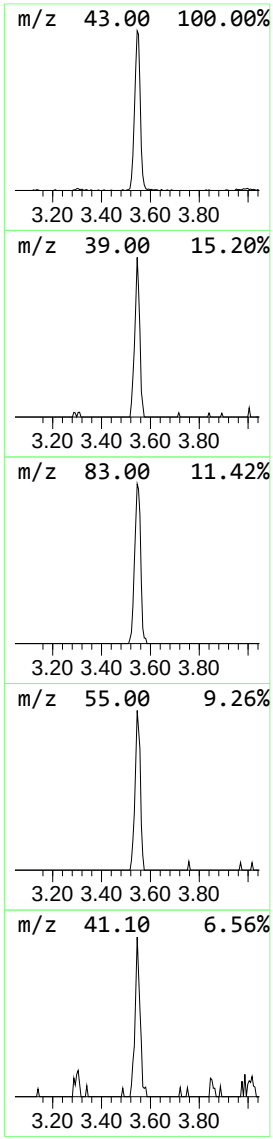
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methyl 1-methylcyclopropyl ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.546	25.51 ng	273909	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	58
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	50
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	28
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	28
5	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

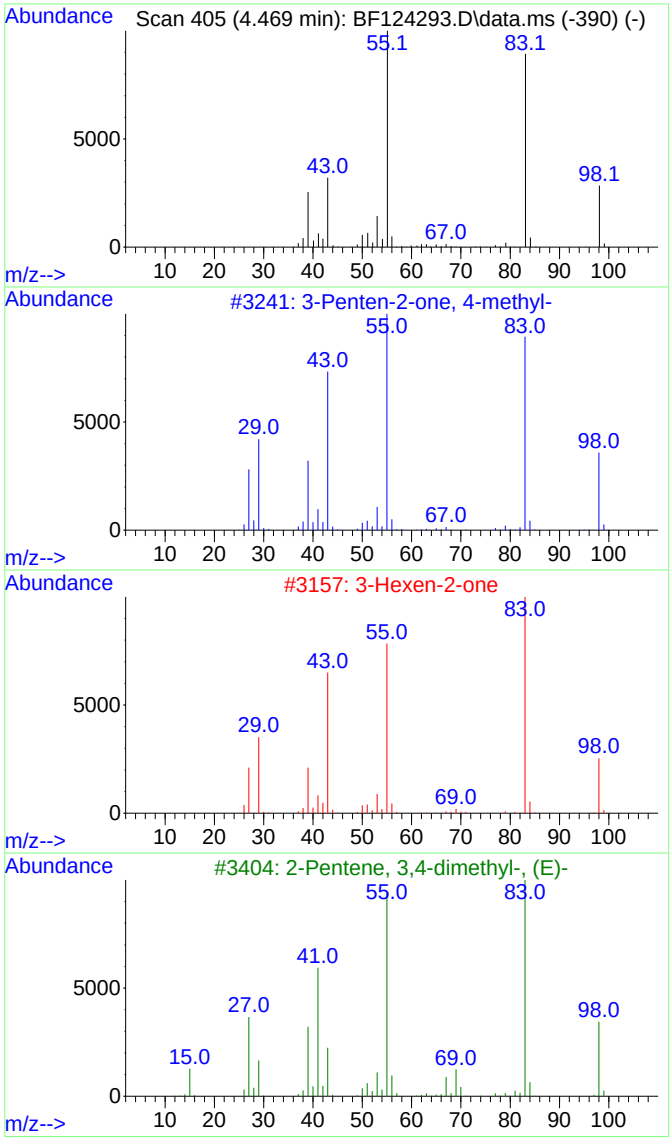
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

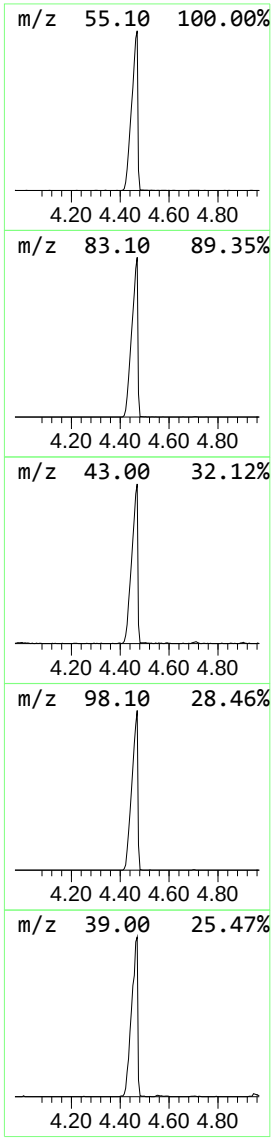
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.469	300.07 ng	3221990	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	80
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	72
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

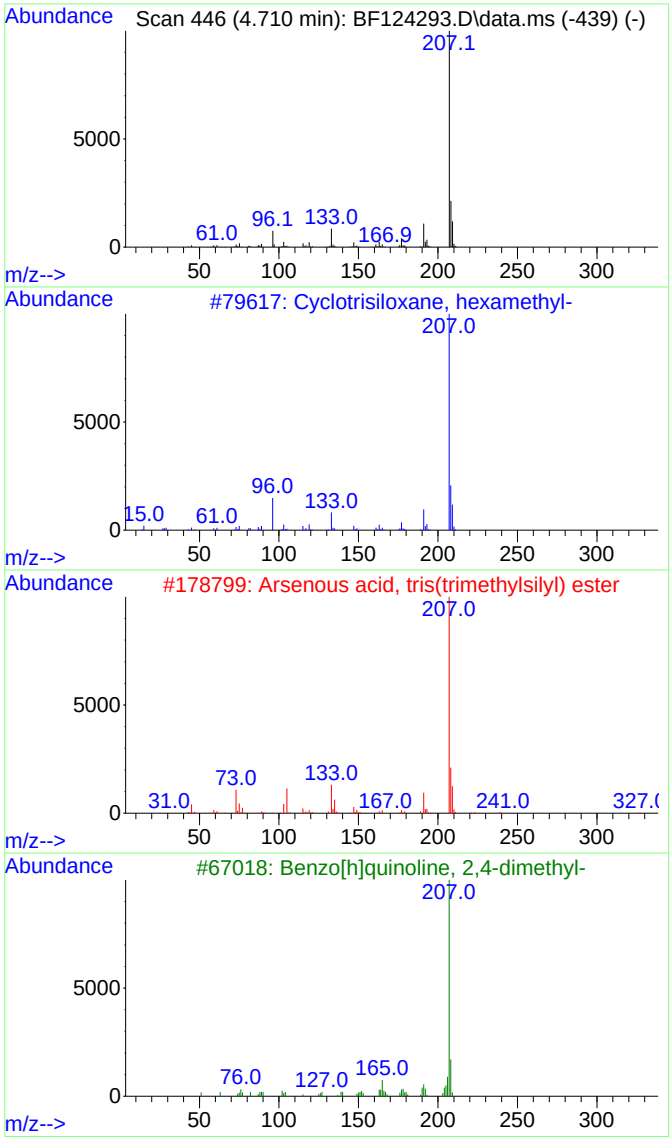
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

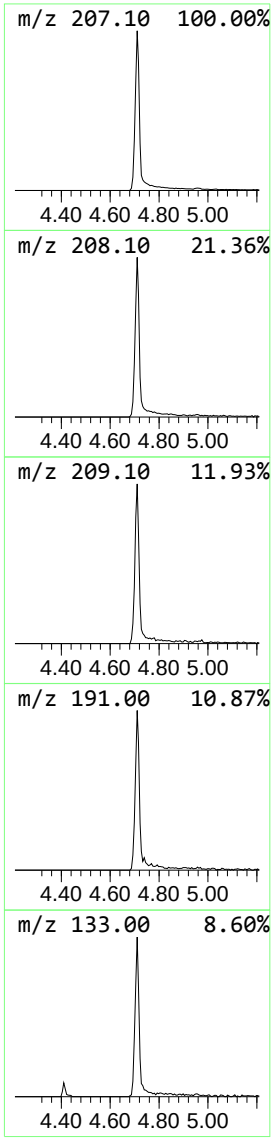
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.710	205.49 ng	2206470	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
4	2-Ethylacridine	207	C15H13N	055751-83-2	38
5	2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

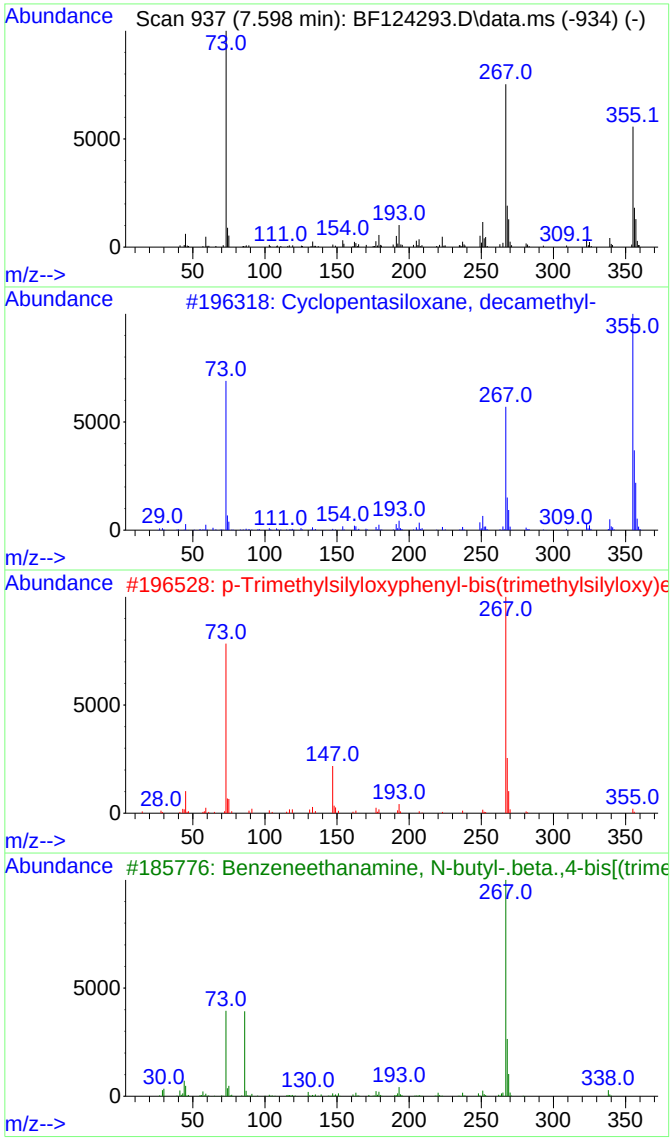
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

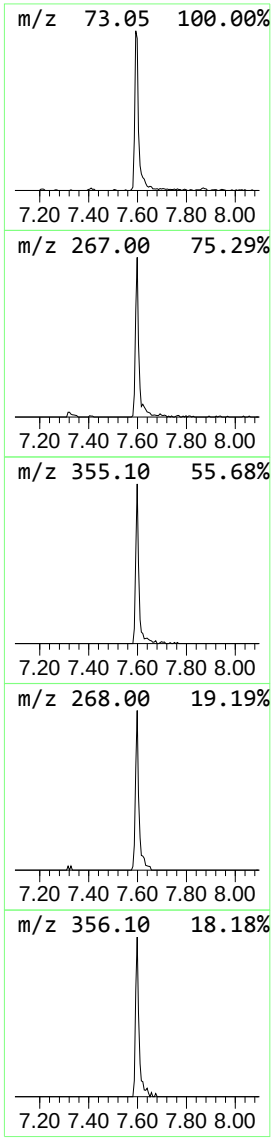
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	31.60 ng	369505	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	p-Trimethylsilyloxyphenyl-bis(tr...	370	C17H34O3Si3	1000079-08-1	50
3	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	47
4	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	47
5	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

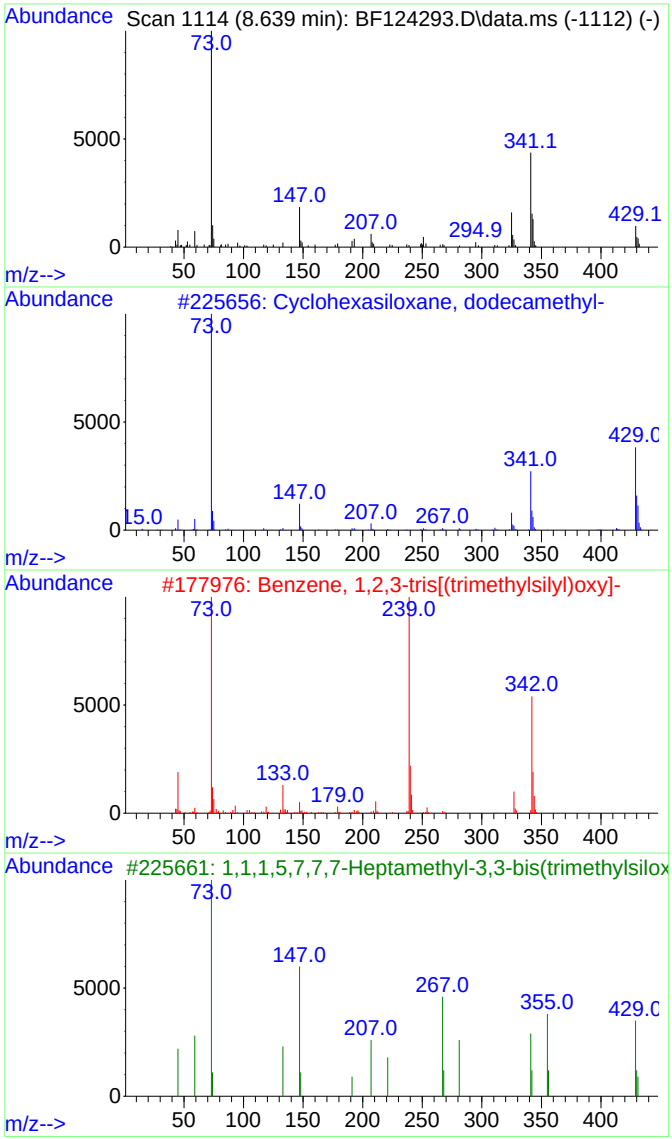
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

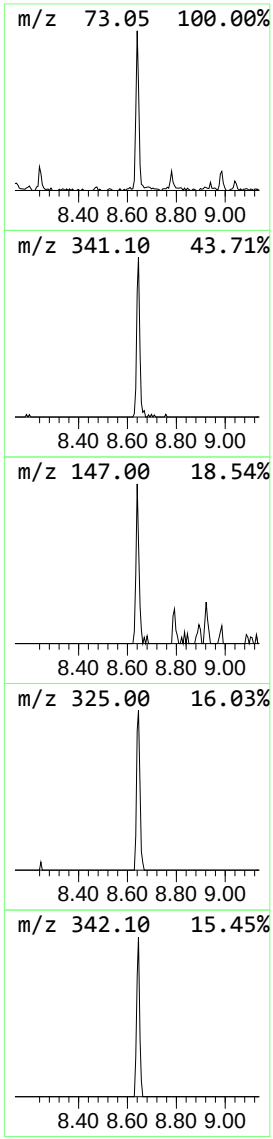
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexasiloxane, dodecame... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.639	12.94 ng	151313	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
2	Benzene, 1,2,3-tris[(trimethylsi...	342	C15H30O3Si3	017864-23-2	22
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	16
4	2H-1,4-Benzodiazepin-2-one, 7-ch...	342	C18H19ClN2OSi	055299-24-6	12
5	Trimethylsilyl [3-methoxy-4-(tri...	326	C15H26O4Si2	037148-61-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

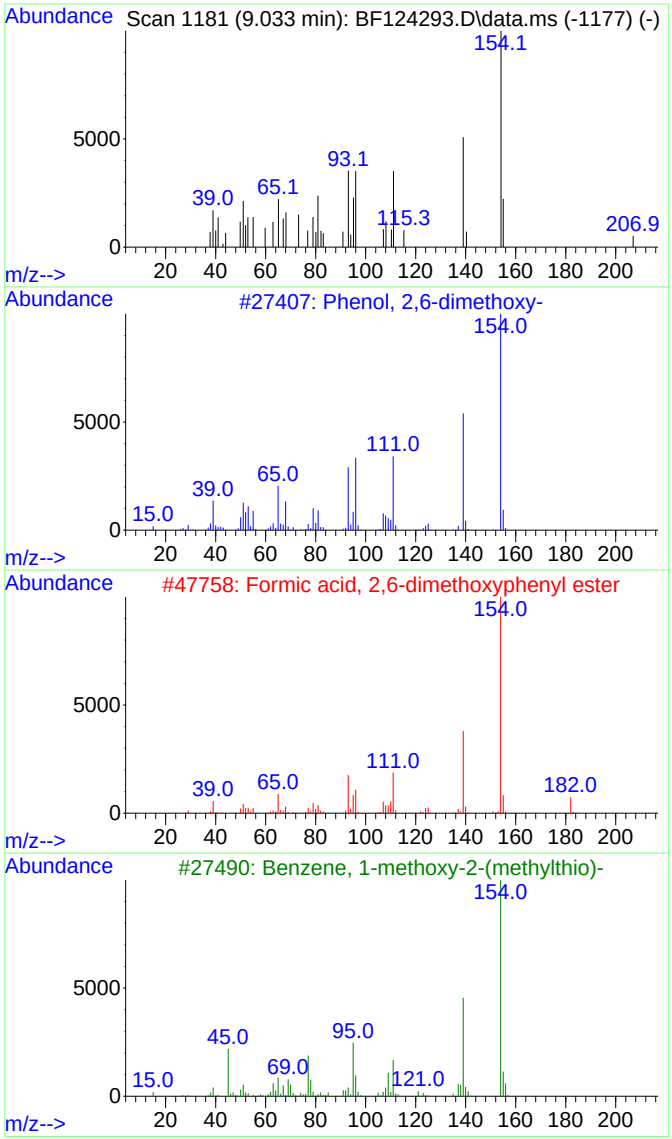
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

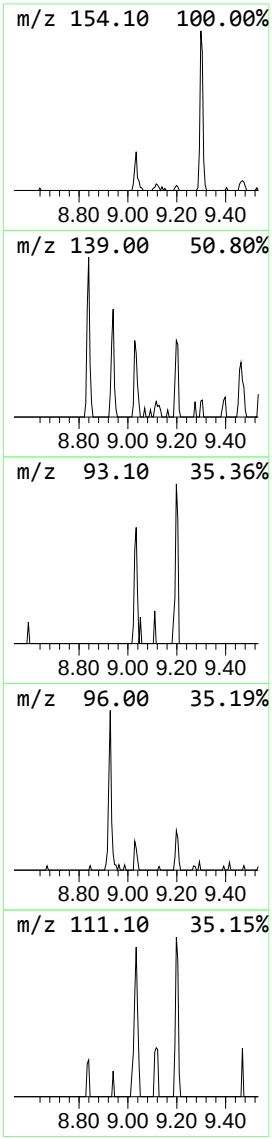
****

Peak Number 7 Phenol, 2,6-dimethoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.033	8.36 ng	35640	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	94
2	Formic acid, 2,6-dimethoxyphenyl...	182	C9H10O4	1000368-91-0	53
3	Benzene, 1-methoxy-2-(methylthio)-	154	C8H10OS	002388-73-0	50
4	Phenol, 2,6-dimethoxy-, acetate	196	C10H12O4	000944-99-0	47
5	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

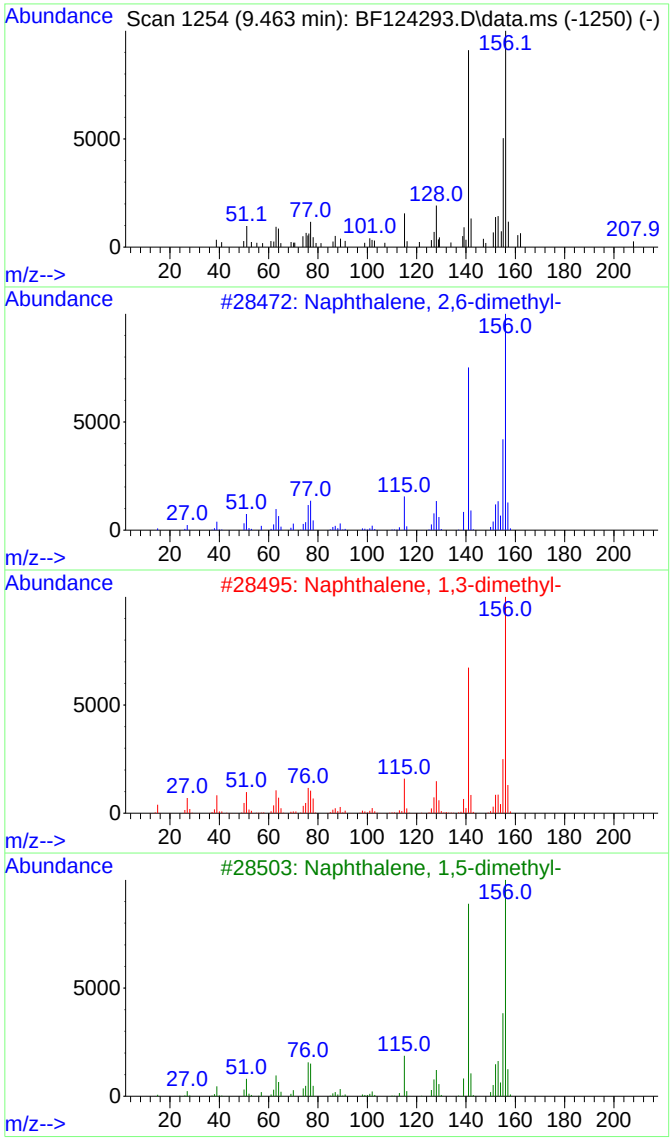
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

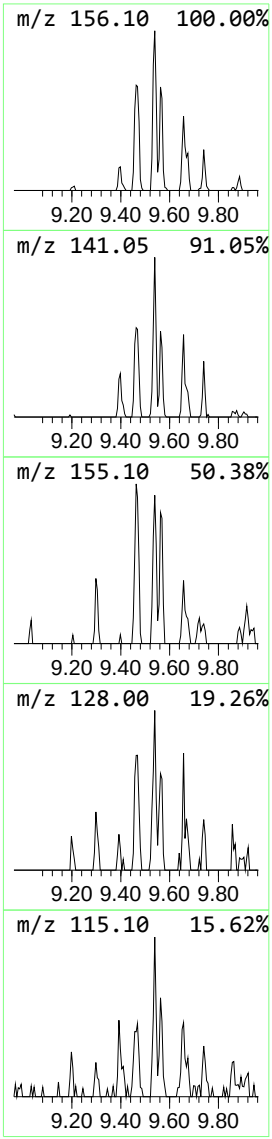
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	27.04 ng	115240	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

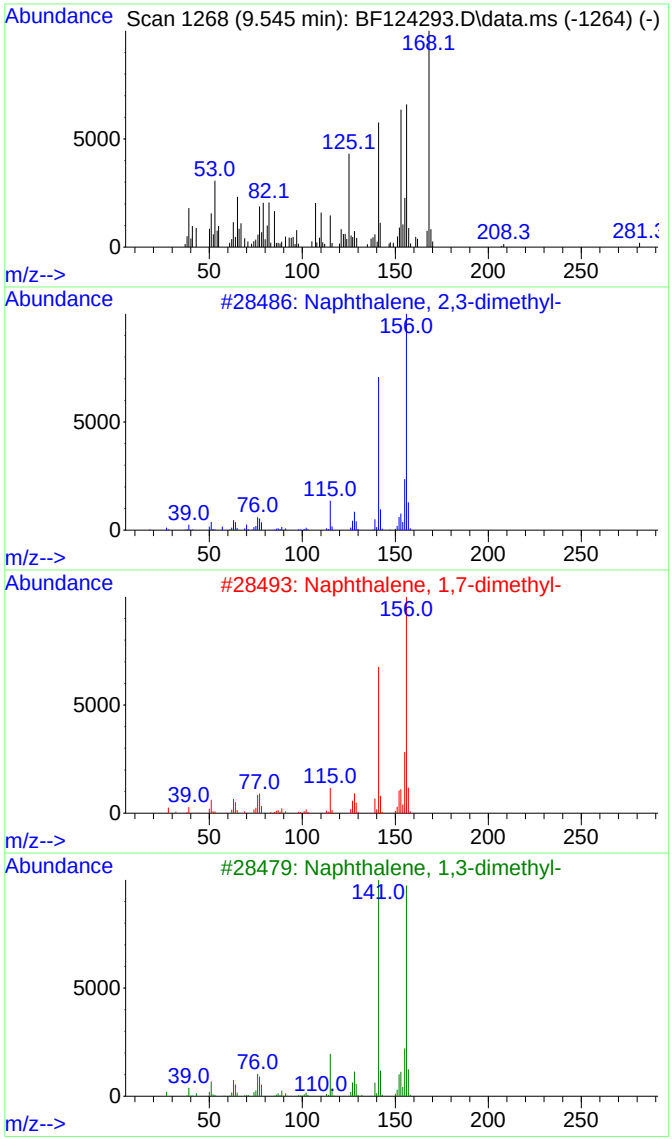
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

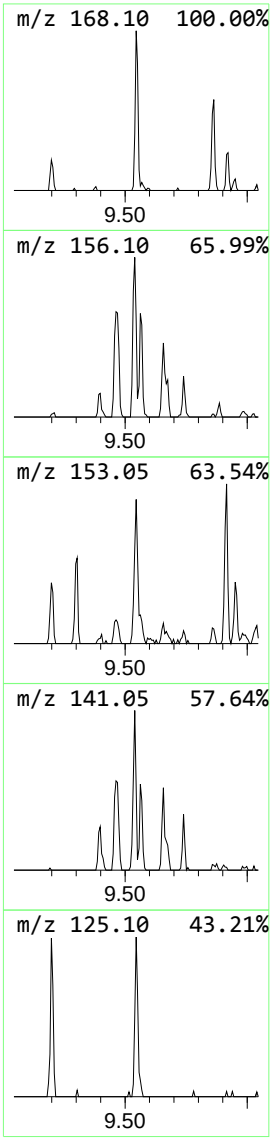
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	59.78 ng	254747	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	74
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	70
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

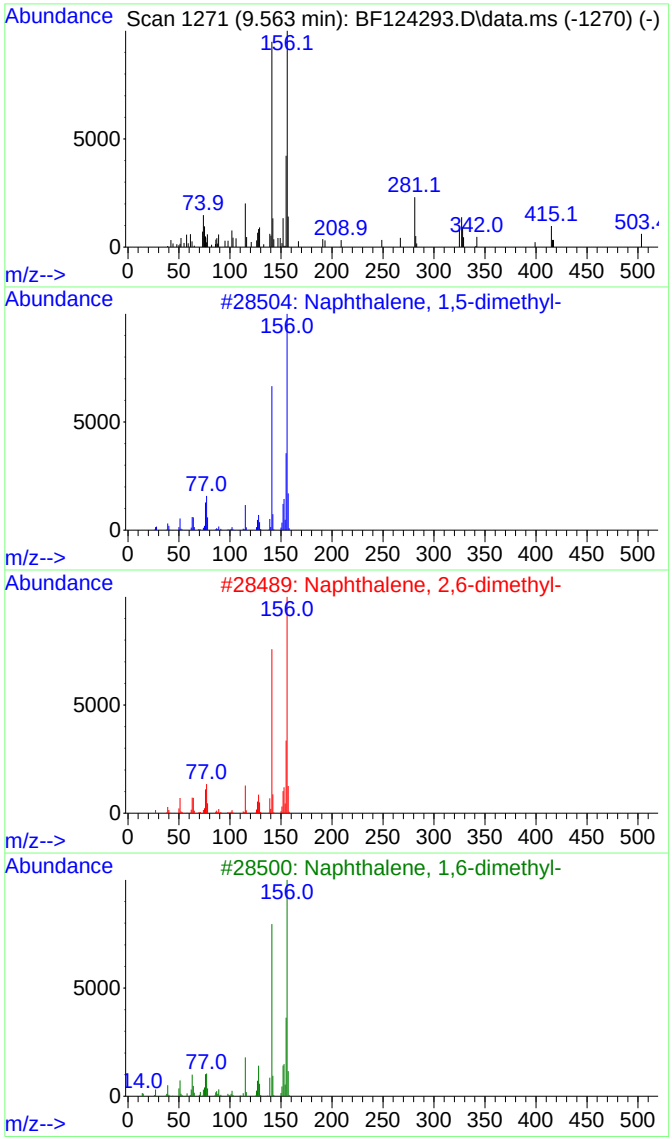
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

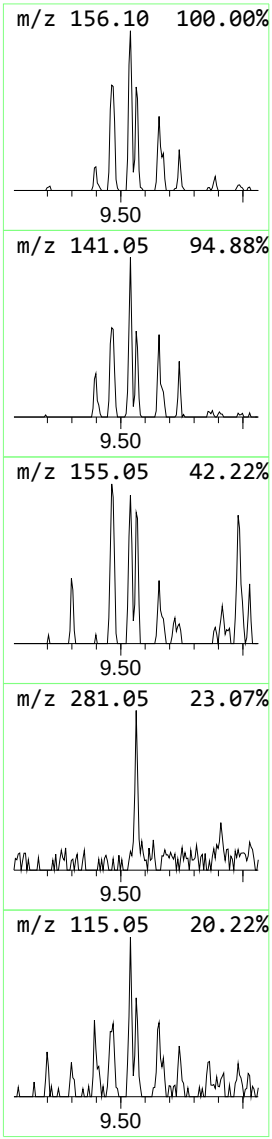
****

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	21.07 ng	89807	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

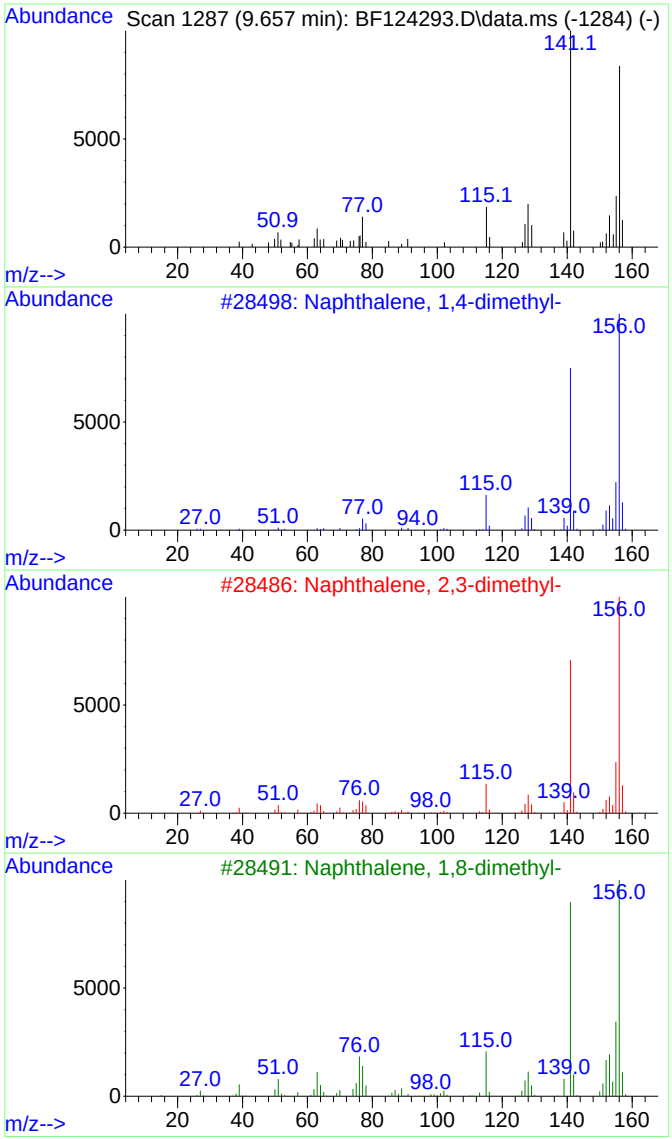
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

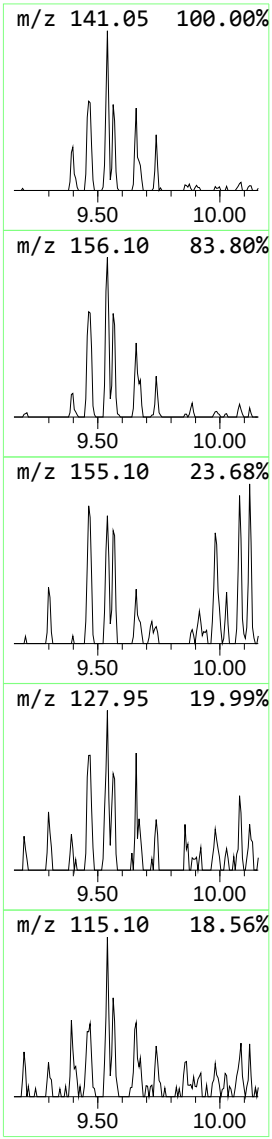
****

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	10.98 ng	46807	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

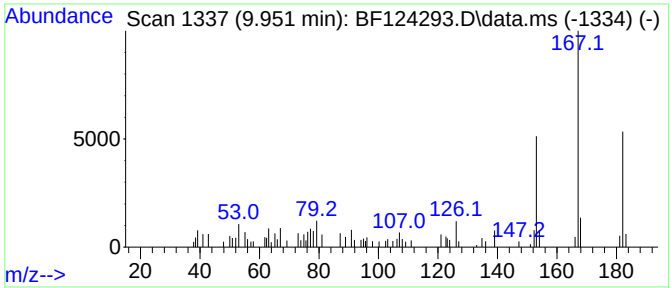
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

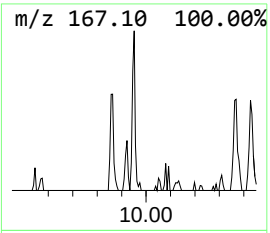
****

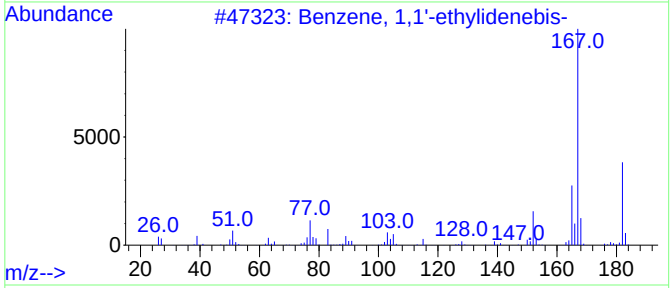
Peak Number 12 Benzene, 1,1'-ethylidenebis- Concentration Rank 12

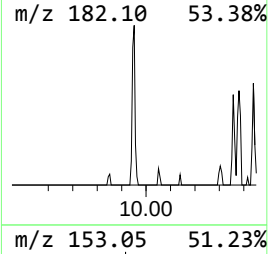
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	13.82 ng	58874	Acenaphthene-d10	9.880

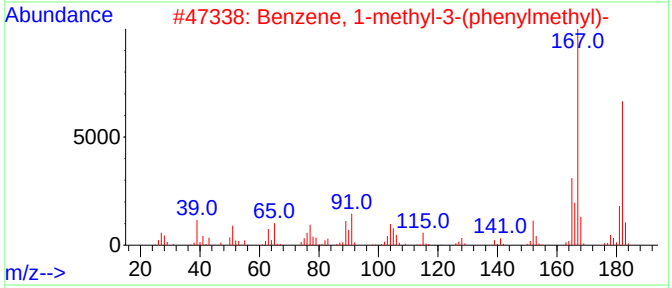
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	53
2	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	50
3	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	49
4	4-Ethylbiphenyl	182	C14H14	005707-44-8	43
5	Benzene, 1,2,3-trimethoxy-5-methyl-	182	C10H14O3	006443-69-2	38

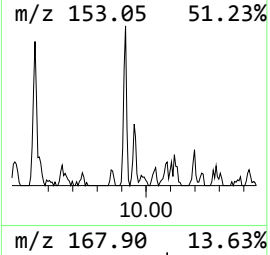


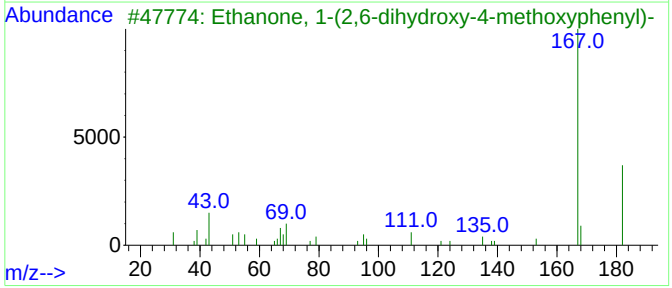


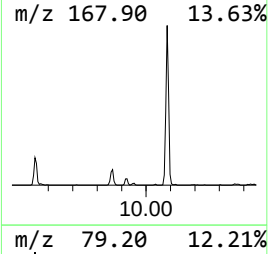


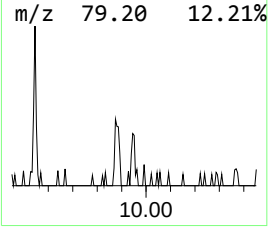












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

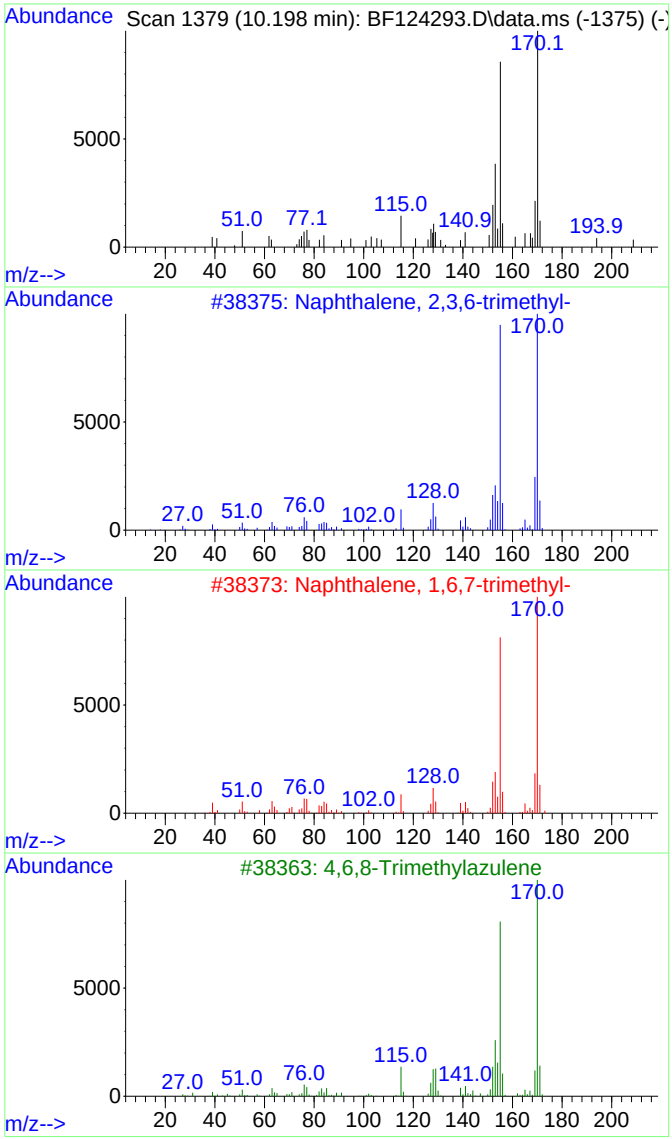
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

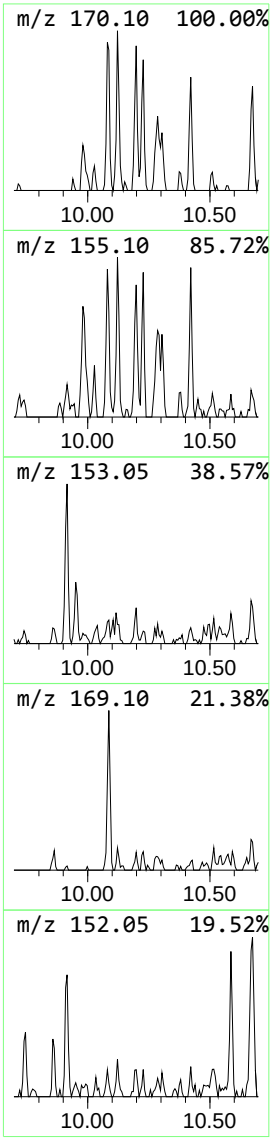
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	9.31 ng	39671	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

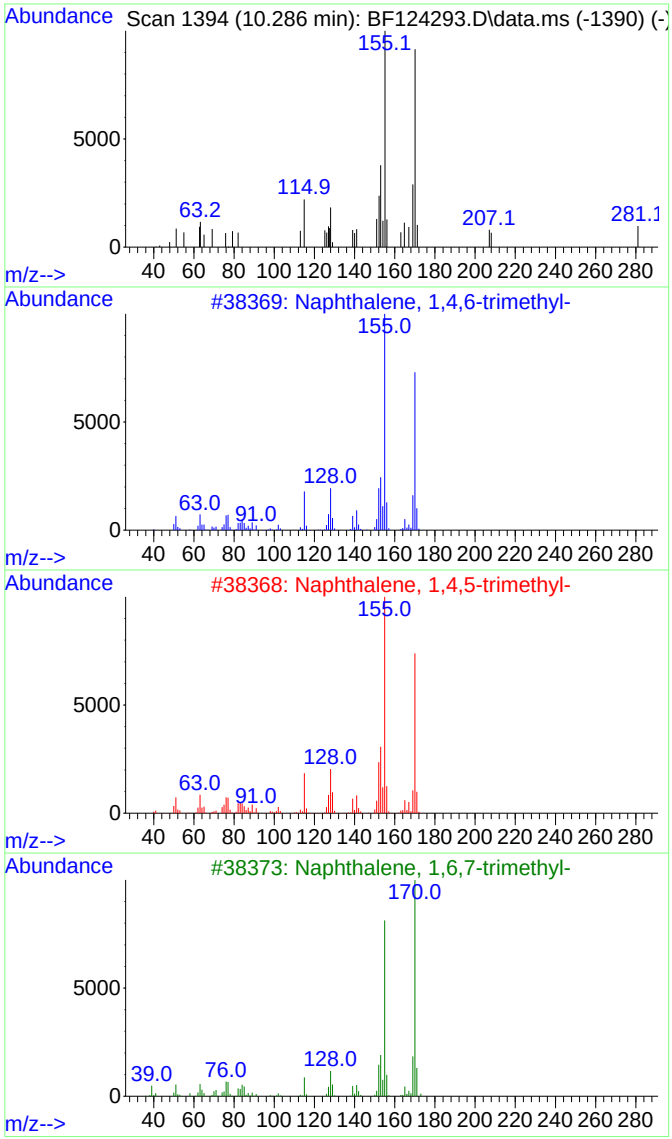
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

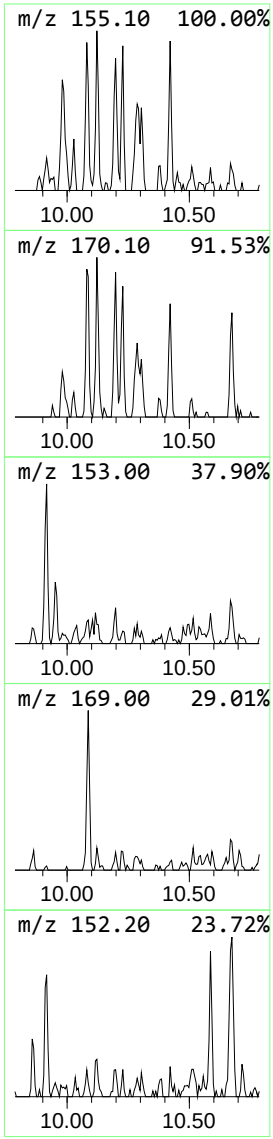
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	7.99 ng	34030	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

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

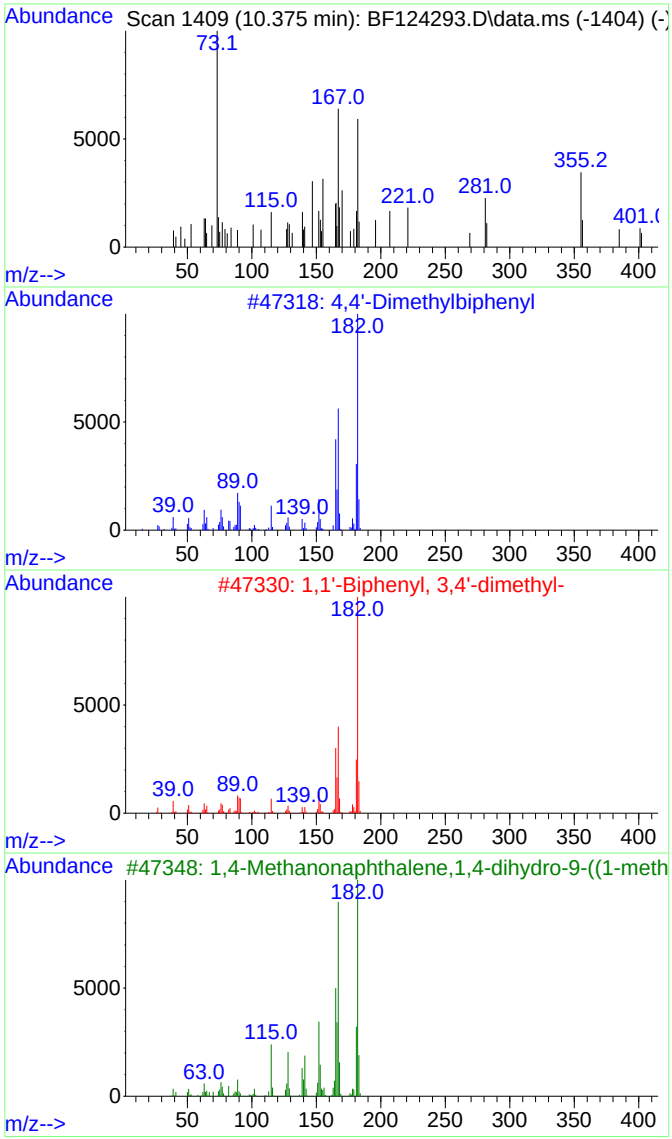
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

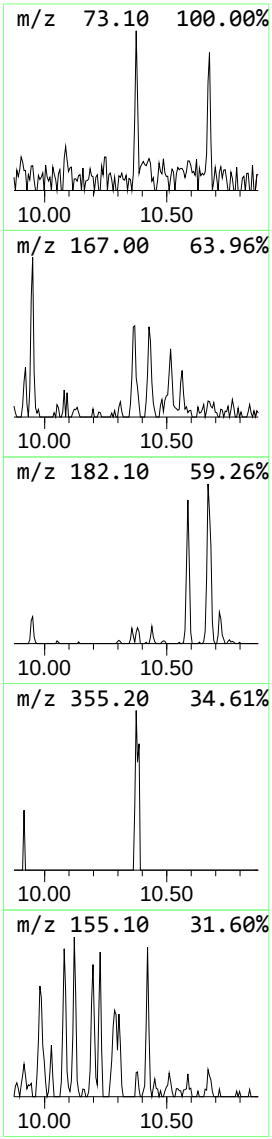
****

Peak Number 15 4,4'-Dimethylbiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.375	16.34 ng	69611	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	46
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46
5	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

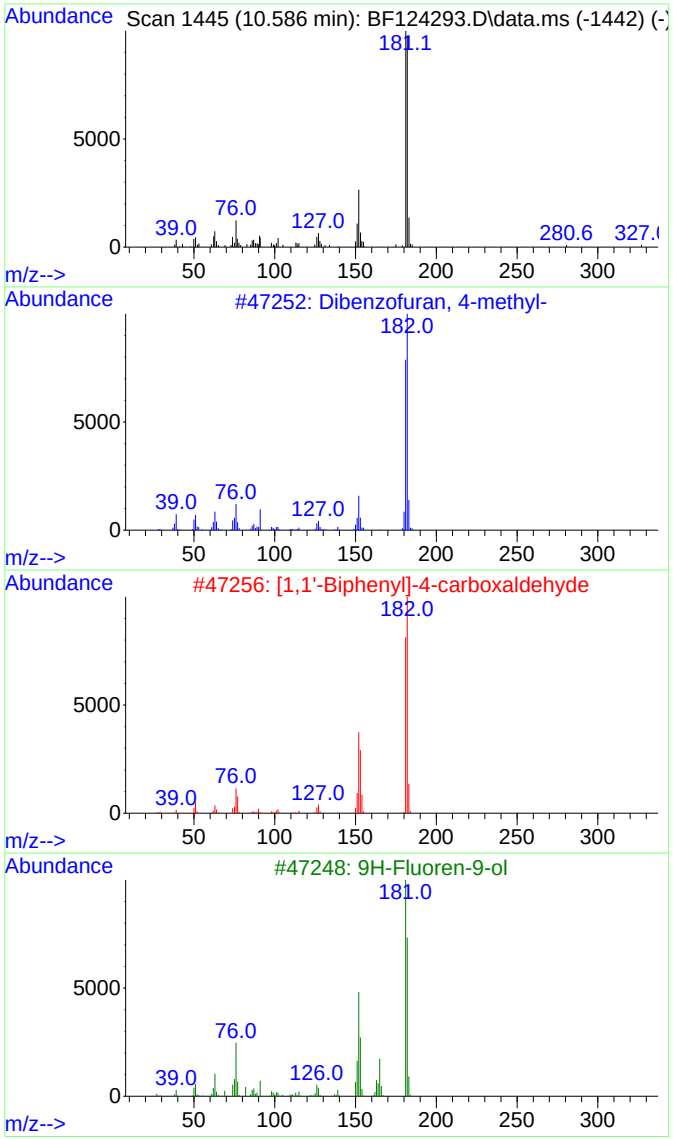
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

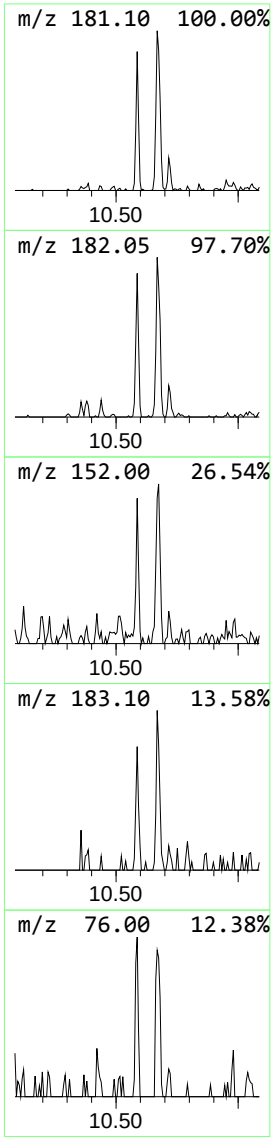
****

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	29.15 ng	124204	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

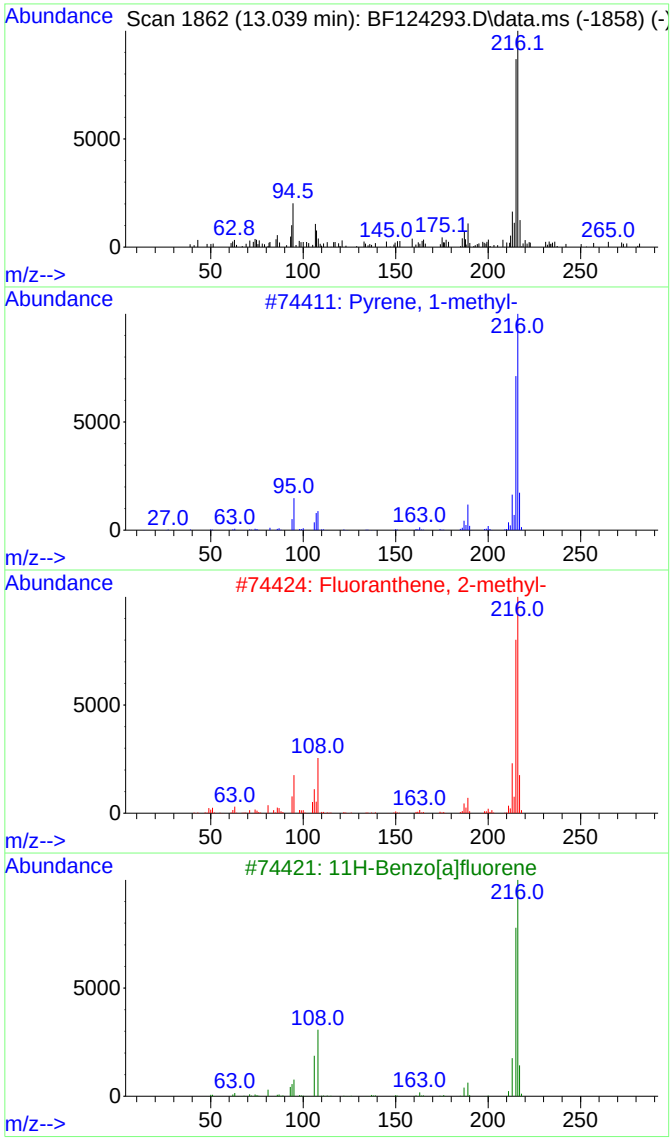
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

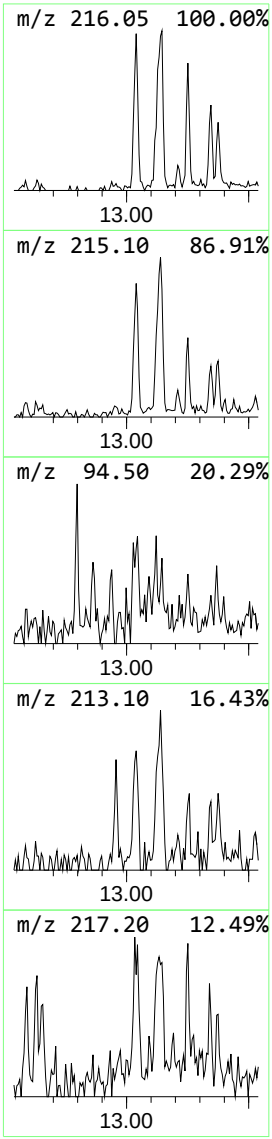
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	8.28 ng	187356	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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

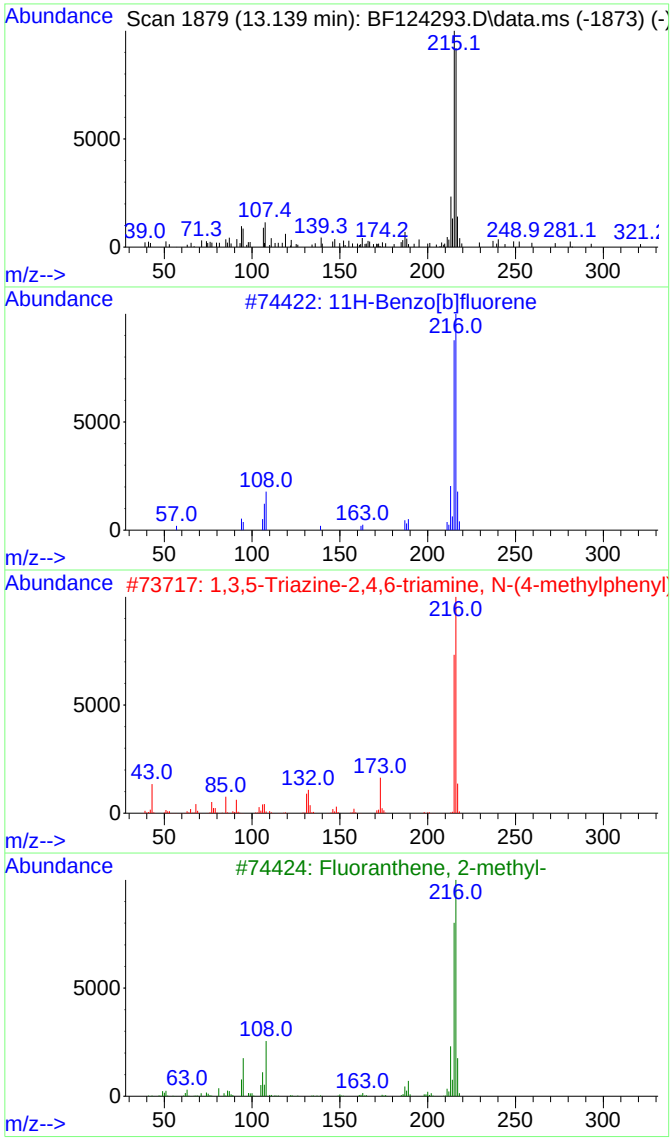
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

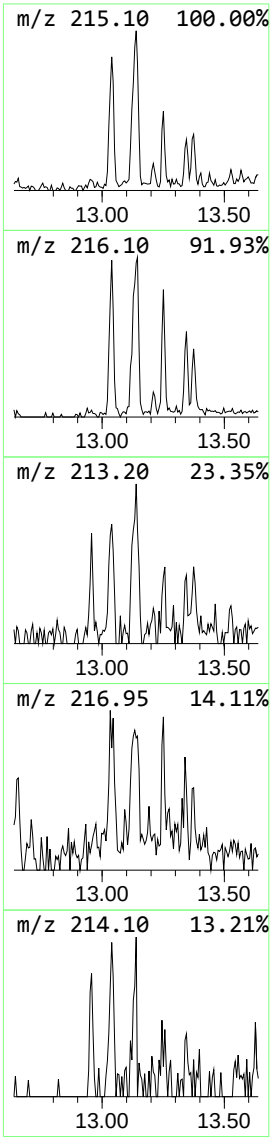
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	9.27 ng	209727	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5	7H-Benzanthrene	216	C17H12	000199-94-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

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

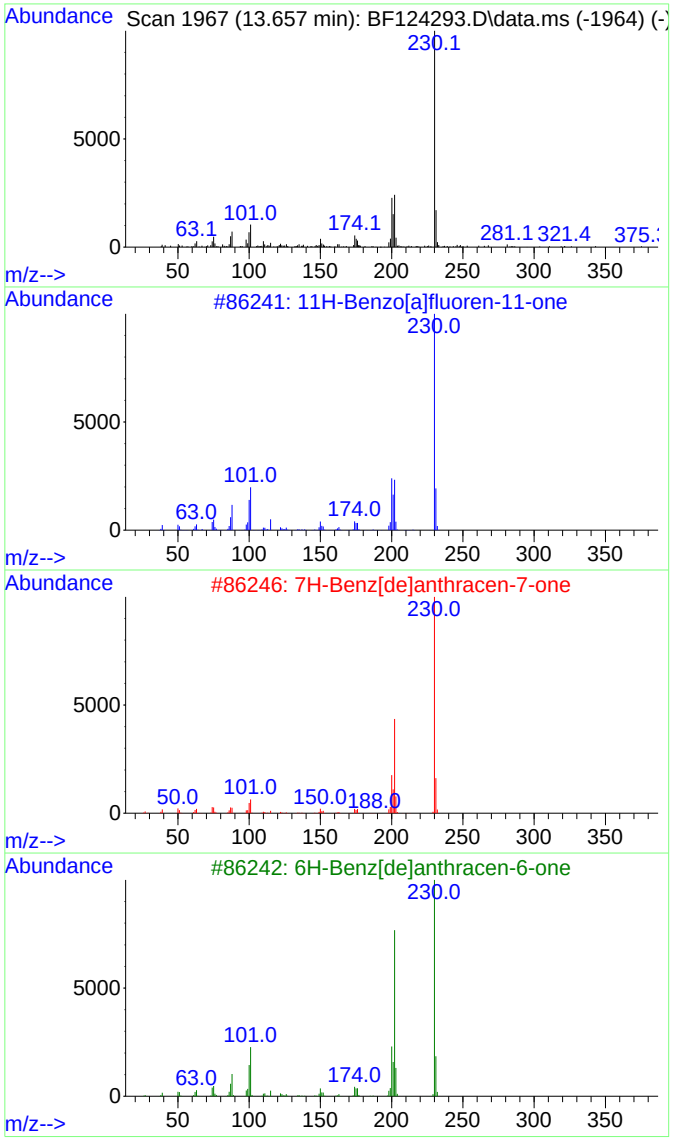
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

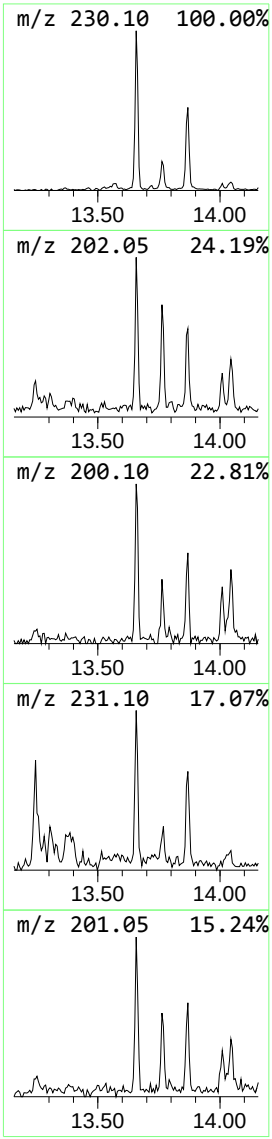
****

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	11.06 ng	250449	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	78
5	o-Terphenyl	230	C18H14	000084-15-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124293.D
Acq On : 12 Jun 2021 18:51
Operator : JU/CG
Sample : M2691-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ-208

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
1,3-Dioxolane, ...	2.916	28.1	ng	301889	1	6.845	214748	20.0
Methyl 1-methyl...	3.546	25.5	ng	273909	1	6.845	214748	20.0
3-Penten-2-one,...	4.469	300.1	ng	3221990	1	6.845	214748	20.0
Cyclotrisiloxan...	4.710	205.5	ng	2206470	1	6.845	214748	20.0
Cyclopentasilox...	7.598	31.6	ng	369505	2	8.128	233895	20.0
Cyclohexasiloxa...	8.639	12.9	ng	151313	2	8.128	233895	20.0
Phenol, 2,6-dim...	9.033	8.4	ng	35640	3	9.880	85229	20.0
Naphthalene, 2,...	9.463	27.0	ng	115240	3	9.880	85229	20.0
Naphthalene, 2,...	9.545	59.8	ng	254747	3	9.880	85229	20.0
Naphthalene, 1,...	9.563	21.1	ng	89807	3	9.880	85229	20.0
Naphthalene, 1,...	9.657	11.0	ng	46807	3	9.880	85229	20.0
Benzene, 1,1'-e...	9.951	13.8	ng	58874	3	9.880	85229	20.0
Naphthalene, 2,...	10.198	9.3	ng	39671	3	9.880	85229	20.0
Naphthalene, 1,...	10.286	8.0	ng	34030	3	9.880	85229	20.0
4,4'-Dimethylbi...	10.375	16.3	ng	69611	3	9.880	85229	20.0
Dibenzofuran, 4...	10.586	29.1	ng	124204	3	9.880	85229	20.0
Pyrene, 1-methyl-	13.039	8.3	ng	187356	5	14.021	452717	20.0
11H-Benzo[b]flu...	13.139	9.3	ng	209727	5	14.021	452717	20.0
11H-Benzo[a]flu...	13.657	11.1	ng	250449	5	14.021	452717	20.0