LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-220

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138674.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	26	rVB	1478315	2340018	54.90%	5.876%
2	3.387	212	220	231	rBV	16720	47456	1.11%	0.119%
3	5.075	501	507	521	rVB	104214	167263	3.92%	0.420%
4	5.475	570	575	596	rBV	1579316	2145810	50.34%	5.388%
5	6.487	741	747	752	rBV	1624755	2191697	51.42%	5.503%
6	6.845	803	808	813	rBV	493386	603870	14.17%	1.516%
7	7.410	895	904	909	rBV	1086204	1421263	33.34%	3.569%
8	8.128	1019	1026	1034	rBV2	623974	860900	20.20%	2.162%
9	8.445	1075	1080	1085	rBV	48142	69294	1.63%	0.174%
10	8.845	1143	1148	1153	rBV	96201	120024	2.82%	0.301%
11	8.945	1160	1165	1169	rVB	174635	225201	5.28%	0.565%
12	9.210	1203	1210	1215	rBV	1696965	2180515	51.15%	5.475%
13	9.310	1218	1227	1232	rBV	181463	239779	5.63%	0.602%
14	9.404	1236	1243	1249	rVB	38941	69987	1.64%	0.176%
15	9.469	1249	1254	1260	rBV	213435	334913	7.86%	0.841%
16	9.545	1261	1267	1270	rVV	248003	364375	8.55%	0.915%
17	9.575	1270	1272	1276	rVV	146966	152544	3.58%	0.383%
18	9.663	1280	1287	1295	rVV	94302	155546	3.65%	0.391%
19	9.745	1295	1301	1307	rVB2	72085	101824	2.39%	0.256%
20	9.886	1315	1325	1328	rBV2	537137	858751	20.15%	2.156%
21	9.922	1328	1331	1335	rVV	1049082	1261846	29.60%	3.168%
22	9.986	1335	1342	1348	rVV2	431902	702161	16.47%	1.763%
23	10.045	1348	1352	1355	rVV2	54778	76614	1.80%	0.192%
24	10.092	1355	1360	1364	rVV	640297	803631	18.85%	2.018%
25	10.128	1364	1366	1374	rVB	65536	80833	1.90%	0.203%
26	10.204	1374	1379	1381	rBV2	52942	70399	1.65%	0.177%
27	10.233	1381	1384	1389	rVB	51364	62996	1.48%	0.158%
28	10.292	1389	1394	1401	rBV2	49757	114250	2.68%	0.287%
29	10.392	1403	1411	1414	rBV3	48678	85767	2.01%	0.215%
30	10.439	1414	1419	1424	rVB	1089598	1360227	31.91%	3.415%
31	10.522	1424	1433	1436	rBV2	155002	355093	8.33%	0.892%
32	10.592	1438	1445	1450	rVB2	203065	352451	8.27%	0.885%
33	10.680	1450	1460	1464	rBV	879063	1216202	28.53%	3.054%
34	10.722	1464	1467	1471	rVB2	46490	64319	1.51%	0.161%
35	10.804	1474	1481	1486	rBV5	81080	175242	4.11%	0.440%
36	10.863	1486	1491	1495	rBV5	46636	84047	1.97%	0.211%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.980	1504	1511	1515	rBV2	171131	292696	6.87%	0.735%
38	11.069	1523	1526	1529	rVB2	53336	59748	1.40%	0.150%
39	11.110	1529	1533	1535	rBV3	50320	79060	1.85%	0.199%
40	11.180	1542	1545	1549	rVB3	57452	74033	1.74%	0.186%
41	11.227	1549	1553	1557	rVV2	81683	131952	3.10%	0.331%
42	11.274	1557	1561	1567	rVB	228609	302107	7.09%	0.759%
43	11.410	1573	1584	1588	rBV2	2714116	4262615	100.00%	10.703%
44	11.451	1588	1591	1595	rVV	339527	461668	10.83%	1.159%
45	11.486	1595	1597	1602	rVB2	57539	71497	1.68%	0.180%
46	11.610	1613	1618	1625	rBV	156020	241156	5.66%	0.606%
47	11.674	1625	1629	1632	rVV2	41573	57505	1.35%	0.144%
48	11.710	1632	1635	1640	rVB3	31288	43512	1.02%	0.109%
49	11.880	1659	1664	1666	rBV	249086	358874	8.42%	0.901%
50	11.904	1666	1668	1673	rVV	378162	464132	10.89%	1.165%
51	11.957	1673	1677	1679	rVV	102163	137605	3.23%	0.346%
52	11.992	1679	1683	1691	rVB2	466973	751550	17.63%	1.887%
53	12.174	1710	1714	1717	rBV	148259	181004	4.25%	0.454%
54	12.321	1736	1739	1742	rBV2	38546	43363	1.02%	0.109%
55	12.427	1752	1757	1760	rBV	99910	155913	3.66%	0.391%
56	12.463	1761	1763	1769	rVB2	59775	93236	2.19%	0.234%
57	12.516	1769	1772	1777	rVB4	39890	59765	1.40%	0.150%
58	12.592	1780	1785	1790	rBV	1600181	2193309	51.45%	5.507%
59	12.627	1790	1791	1795	rVB2	52691	47597	1.12%	0.120%
60	12.739	1807	1810	1817	rVB3	43912	71484	1.68%	0.179%
61	12.821	1817	1824	1830	rBV2	1096682	1844559	43.27%	4.632%
62	12.869	1830	1832	1838	rVB2	75513	92813	2.18%	0.233%
63	12.963	1840	1848	1855	rVB	1208540	1658828	38.92%	4.165%
64	13.039	1855	1861	1865	rBV2	98562	191221	4.49%	0.480%
65	13.151	1872	1880	1884	rVB	214137	381535	8.95%	0.958%
66	13.216	1887	1891	1894	rBV	220384	273325	6.41%	0.686%
67	13.251	1894	1897	1900	rVB2	75566	91575	2.15%	0.230%
68	13.345	1910	1913	1915	rBV	39210	46368	1.09%	0.116%
69	13.374	1916	1918	1926	rVB2	44632	63581	1.49%	0.160%
70	13.768	1981	1985	1987	rBV	71650	104204	2.44%	0.262%
71	13.798	1987	1990	1998	rVV3	145315	337258	7.91%	0.847%
72	13.868	1998	2002	2010	rVB2	115447	203267	4.77%	0.510%
73	14.015	2020	2027	2030	rBV2	558070	996983	23.39%	2.503%
74	14.121	2042	2045	2052	rBV2	39899	58744	1.38%	0.148%
75	14.639	2129	2133	2138	rBV	161748	218269	5.12%	0.548%
76	15.057	2200	2204	2212	rBV	125643	264416	6.20%	0.664%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.121	2212	2215	2219	rVV2	34829	44647	1.05%	0.112%
78	15.168	2219	2223	2234	rVB2	66077	147483	3.46%	0.370%
79	15.362	2252	2256	2261	rVB	61233	97157	2.28%	0.244%
80	15.421	2262	2266	2271	rVV	71321	107450	2.52%	0.270%
81	15.486	2272	2277	2290	rVB	192405	336055	7.88%	0.844%
82	15.939	2349	2354	2362	rVB	35875	63457	1.49%	0.159%
83	16.956	2523	2527	2537	rVB2	24861	50624	1.19%	0.127%

Sum of corrected areas: 39826308

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
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Acq On : 29 Jul 2024 17:43
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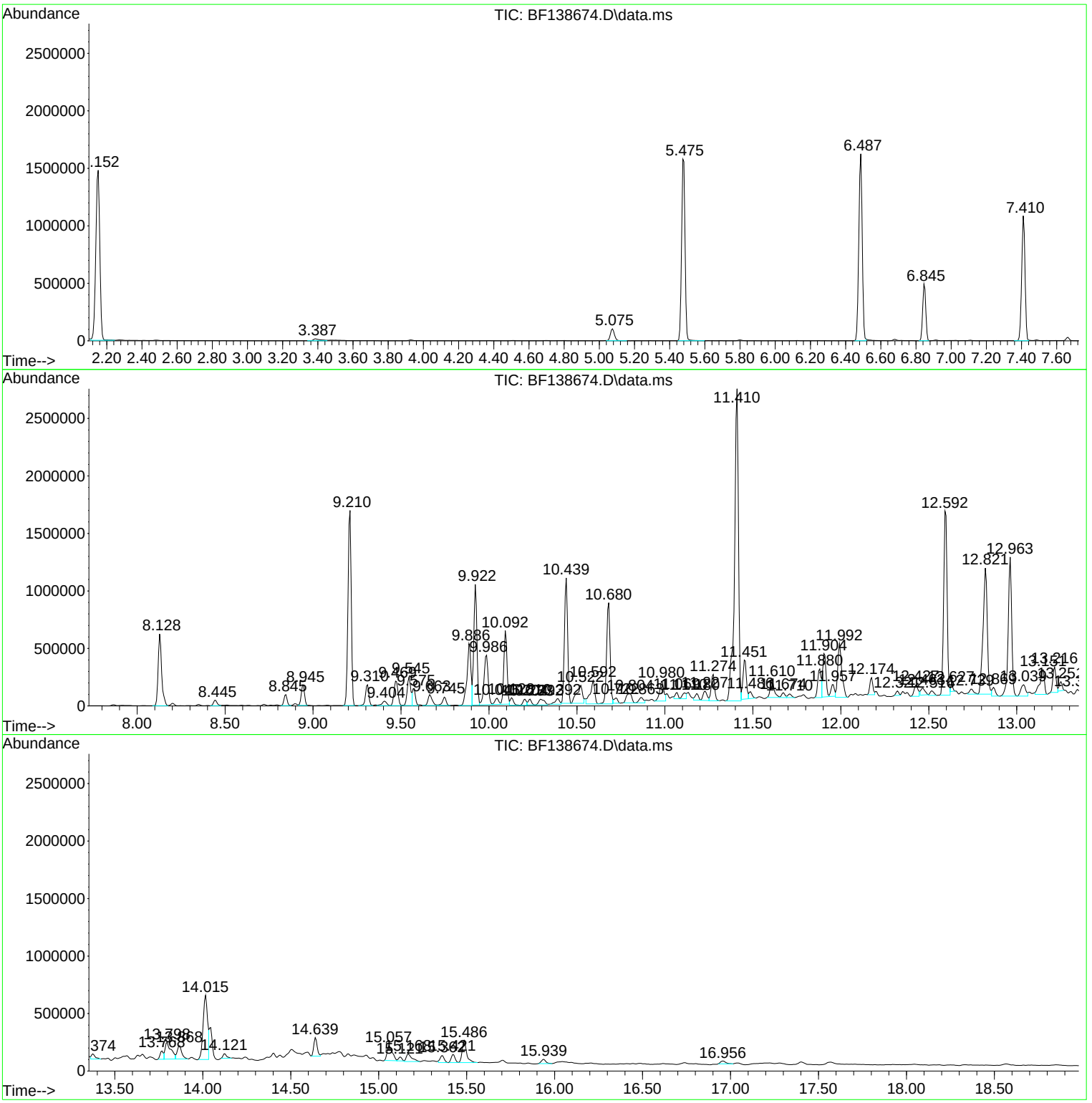
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

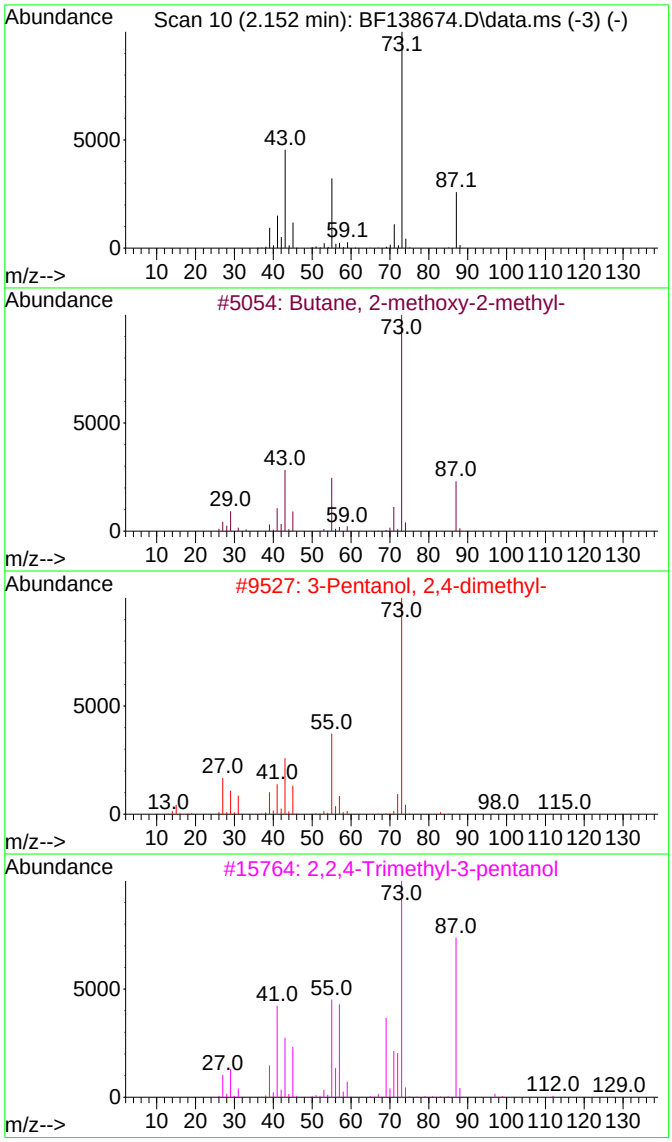
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

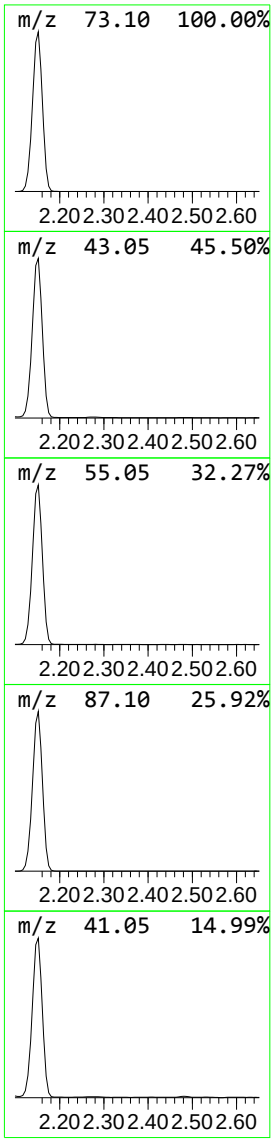
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	77.50 ng	2340020	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

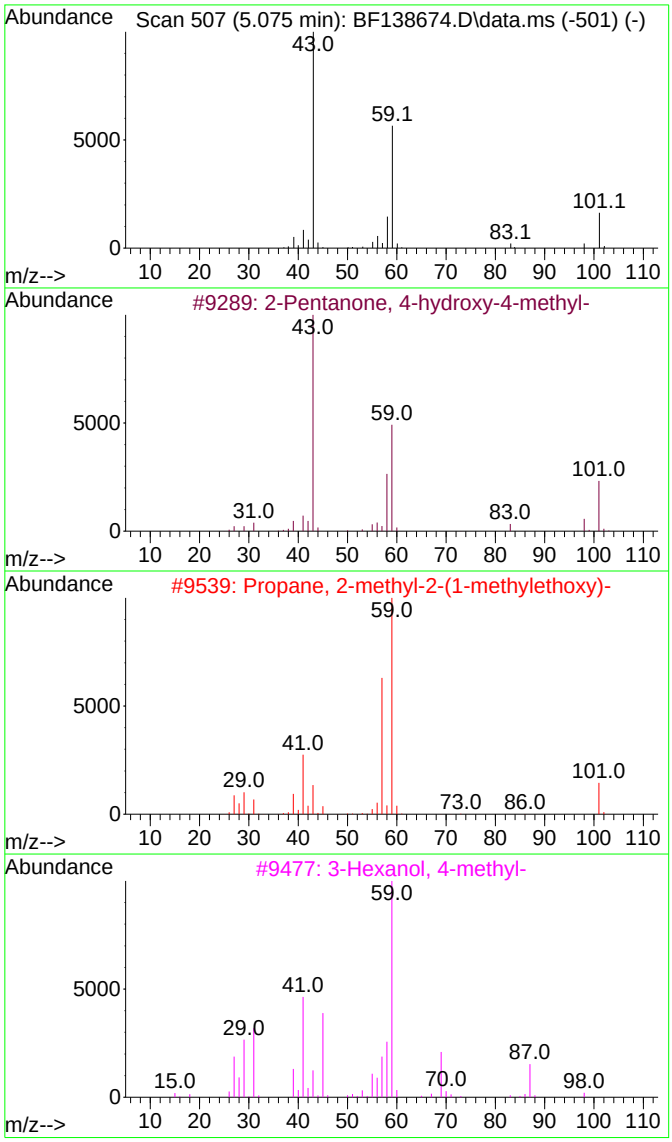
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

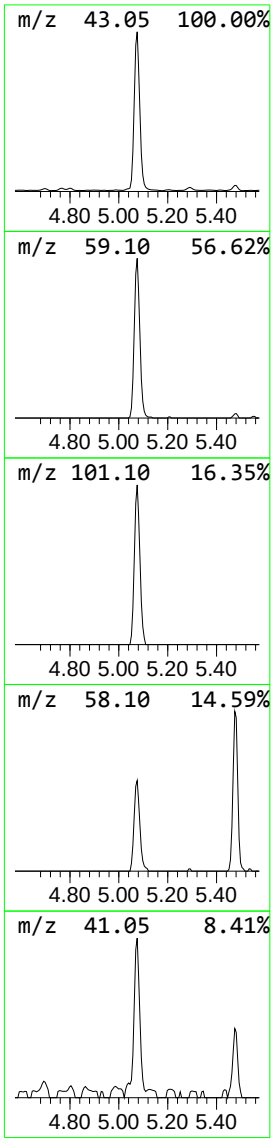
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	5.54 ng	167263	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

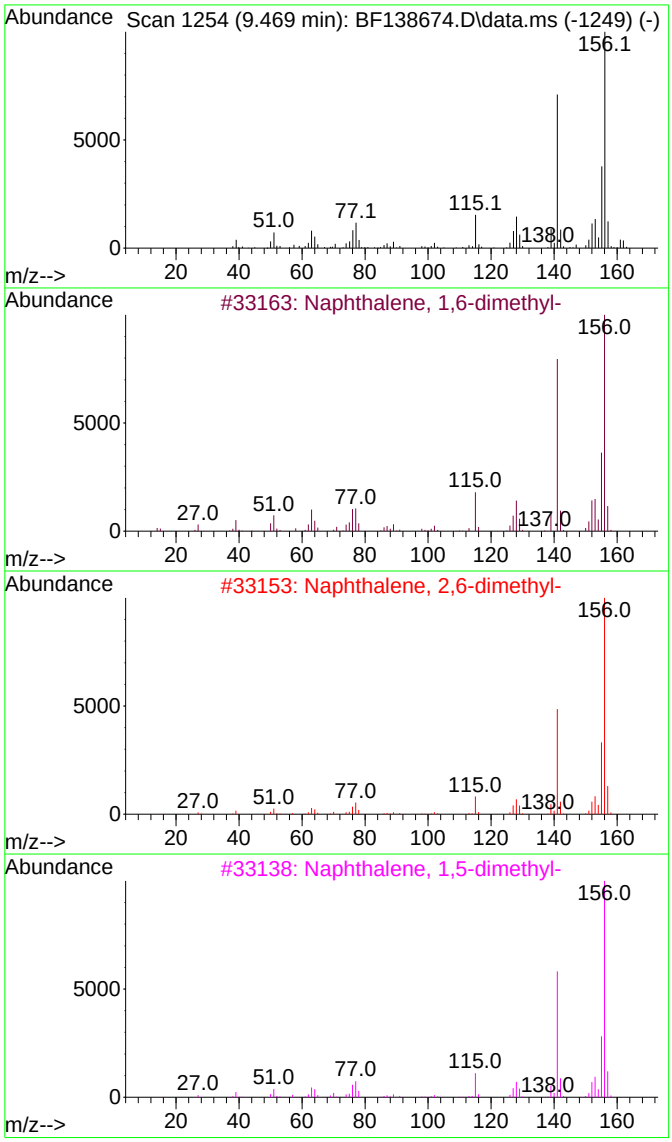
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

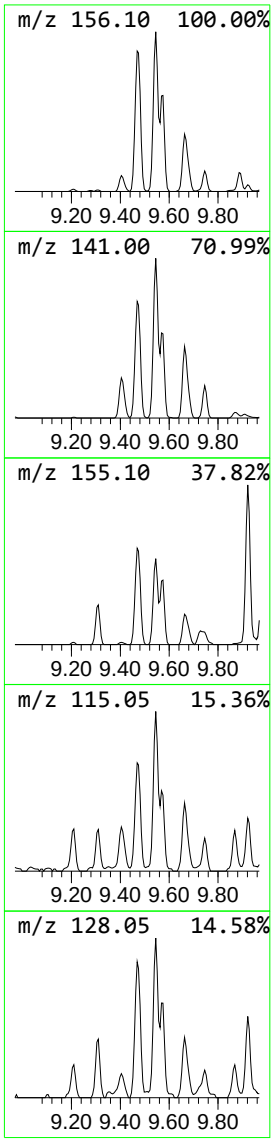
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	7.80 ng	334913	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

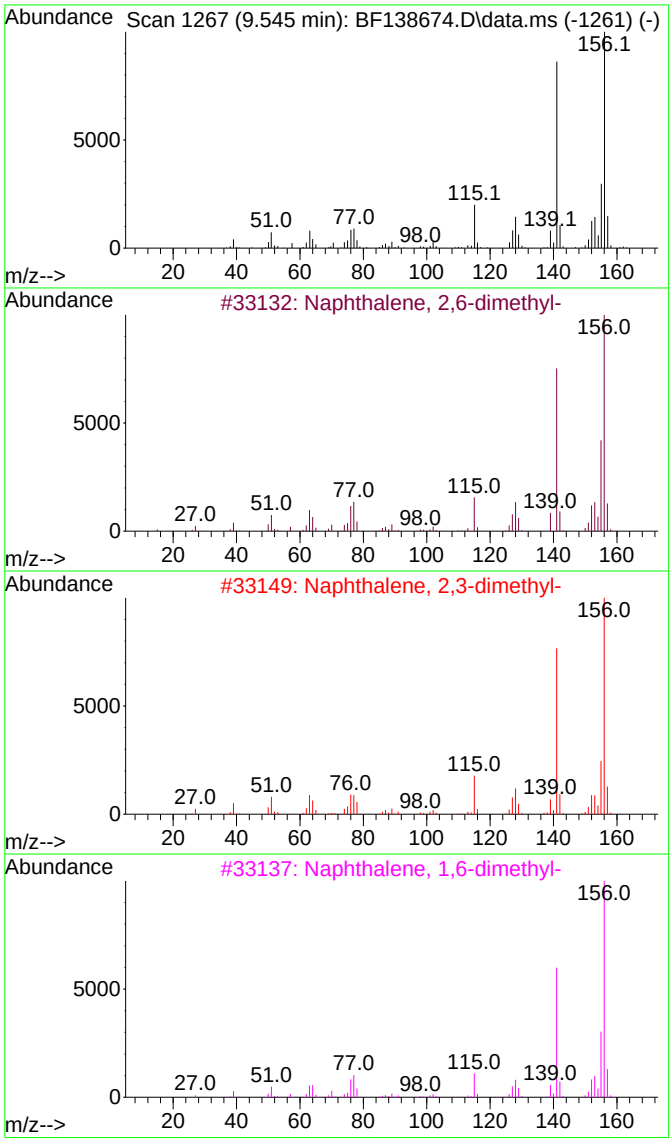
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

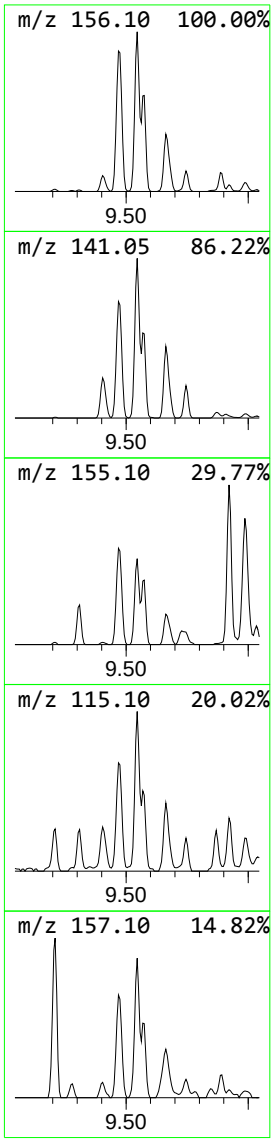
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	8.49 ng	364375	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

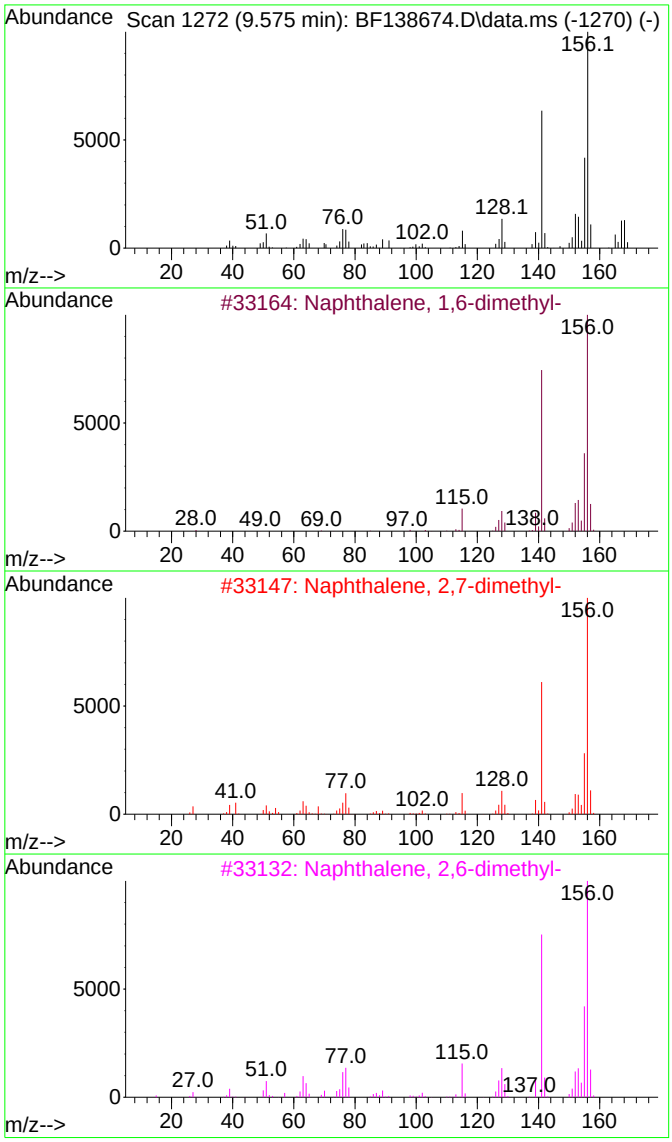
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

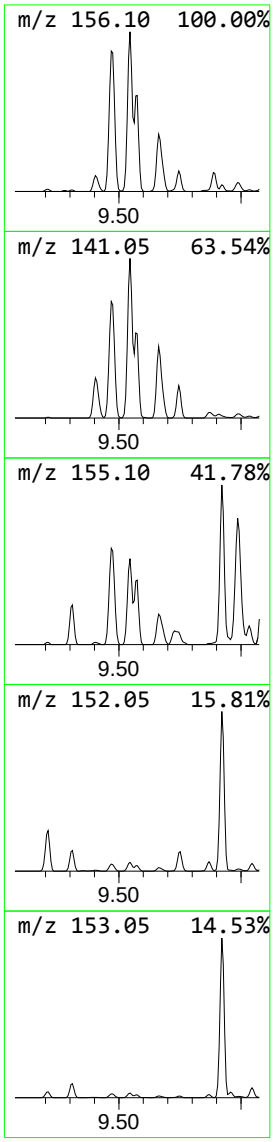
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	3.55 ng	152544	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

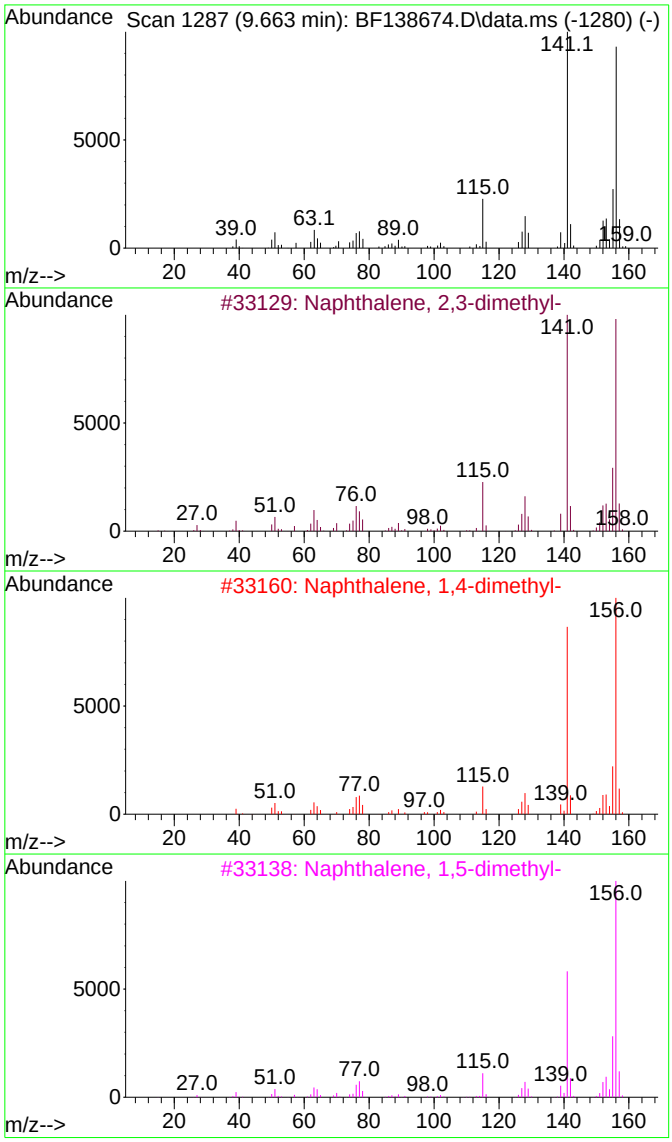
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

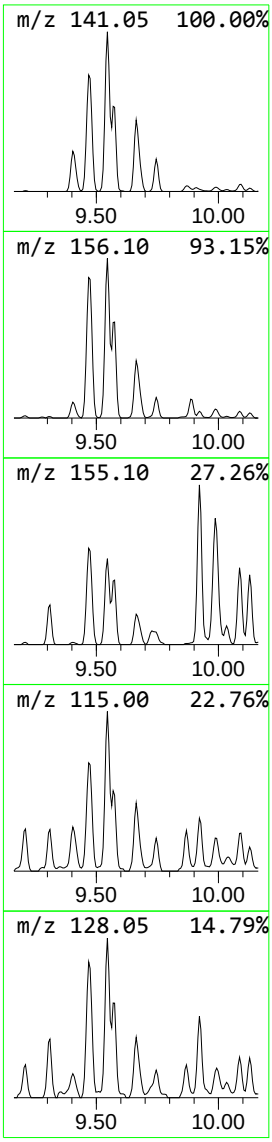
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	3.62 ng	155546	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

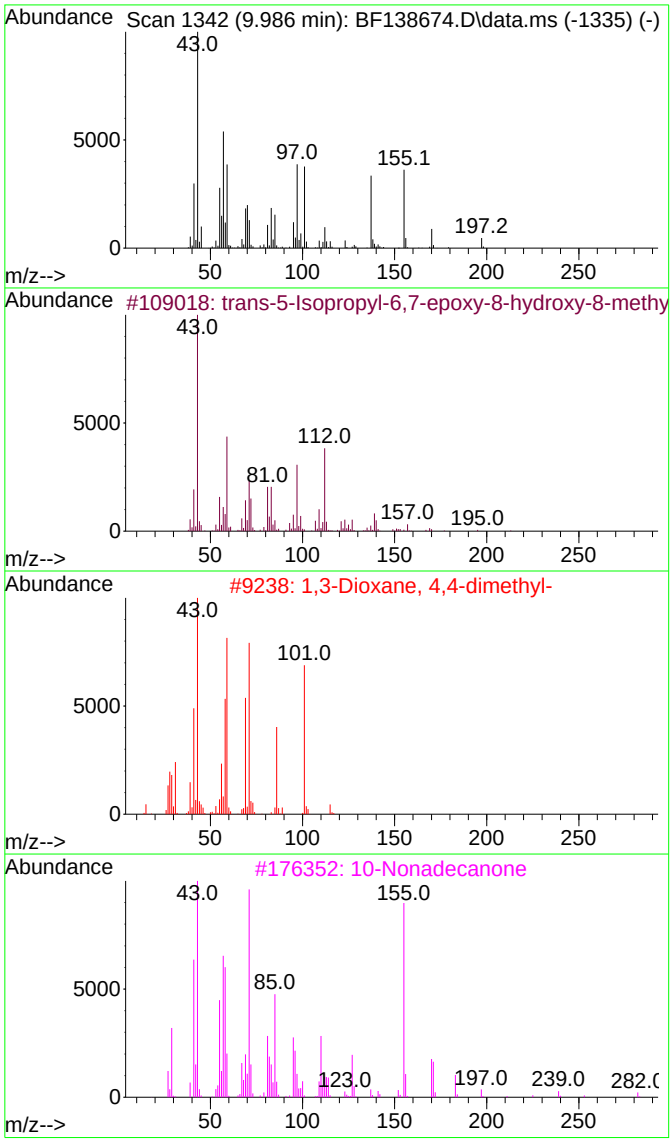
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

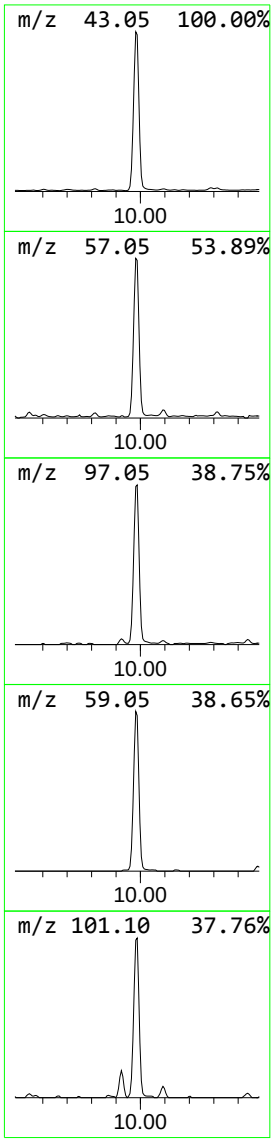
****

Peak Number 7 unknown9.986 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.986	16.35 ng	702161	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	32
2	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	14
3	10-Nonadecanone	282	C19H38O	000504-57-4	12
4	(1S,2R,4R,7R)-4-Isopropyl-7-meth...	168	C10H16O2	001619-26-7	10
5	.beta.-d-Ribopyranosylbromide, 2...	234	C7H12BBrO3	1000149-99-6	10





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Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

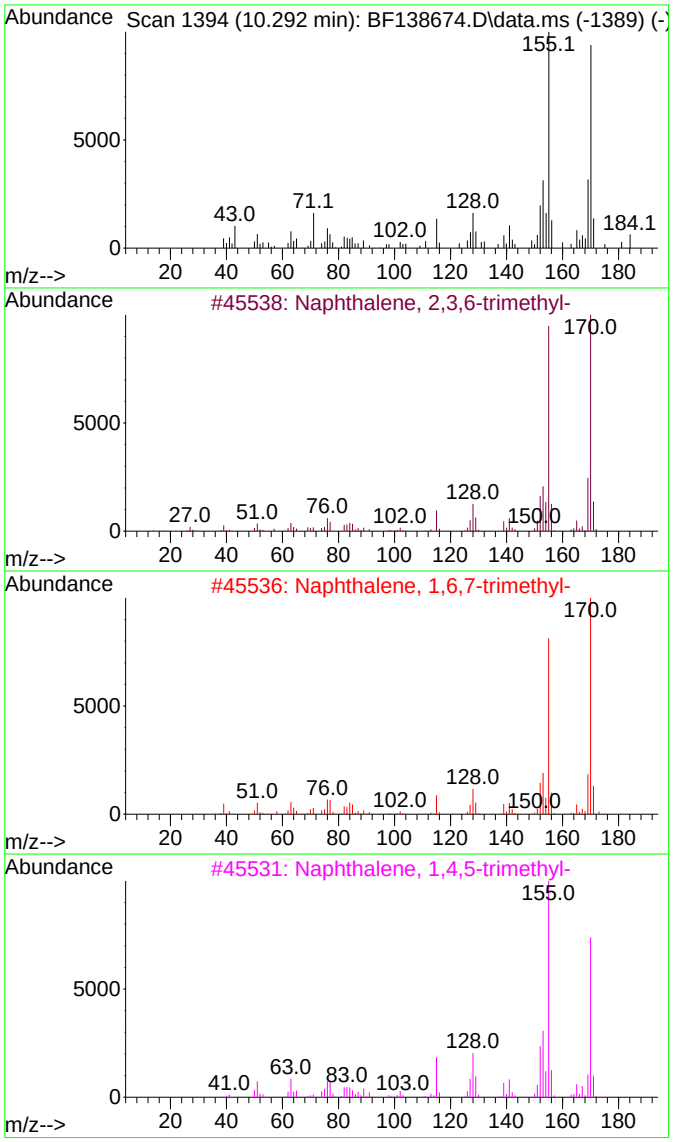
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

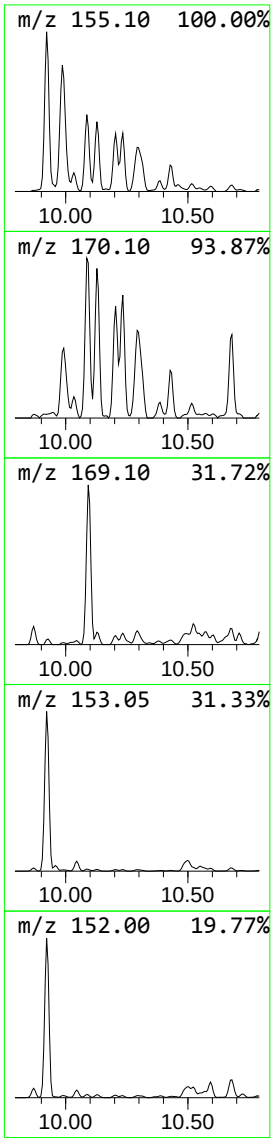
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	2.66 ng	114250	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





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Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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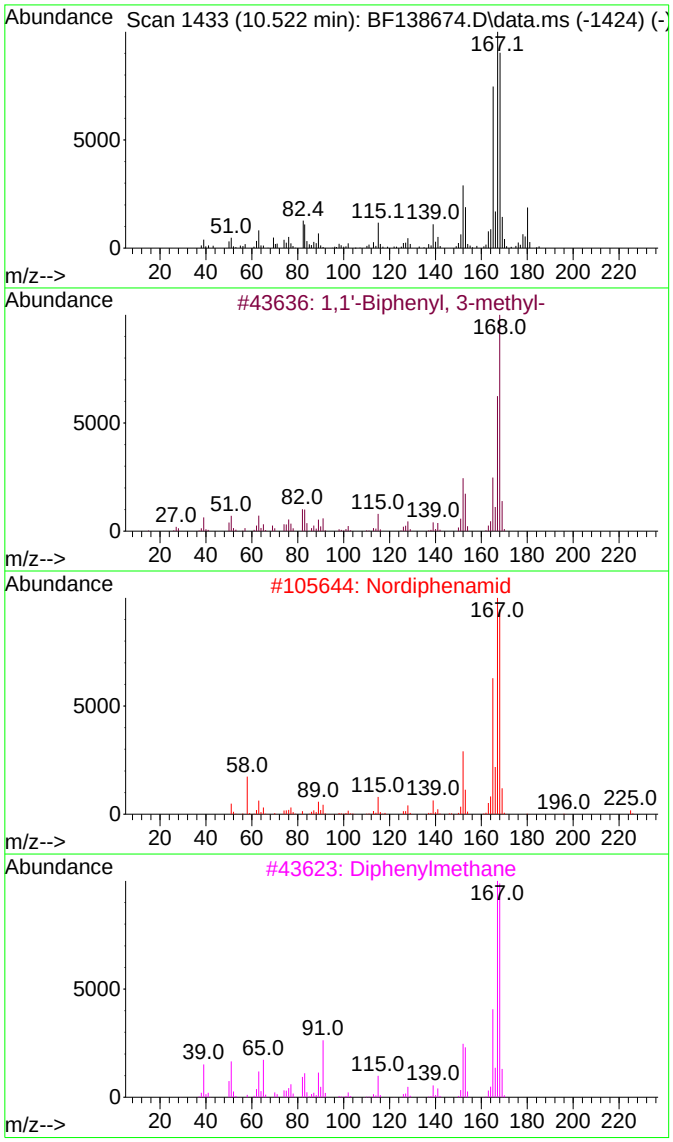
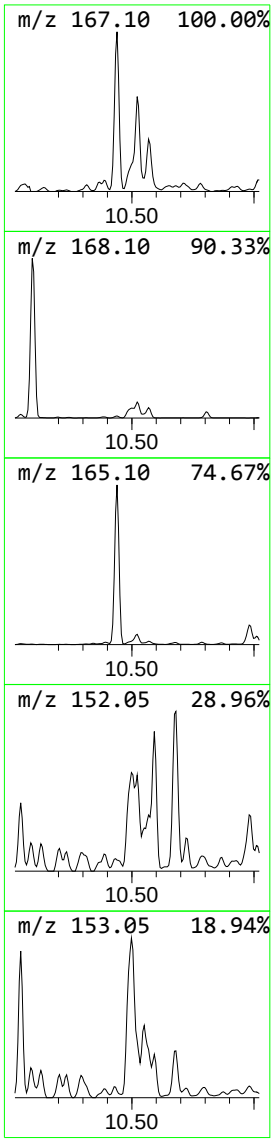
Peak Number 9 1,1'-Biphenyl, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	8.27 ng	355093	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
2	Nordiphenamid	225	C15H15NO	000954-21-2	87
3	Diphenylmethane	168	C13H12	000101-81-5	83
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64





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Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

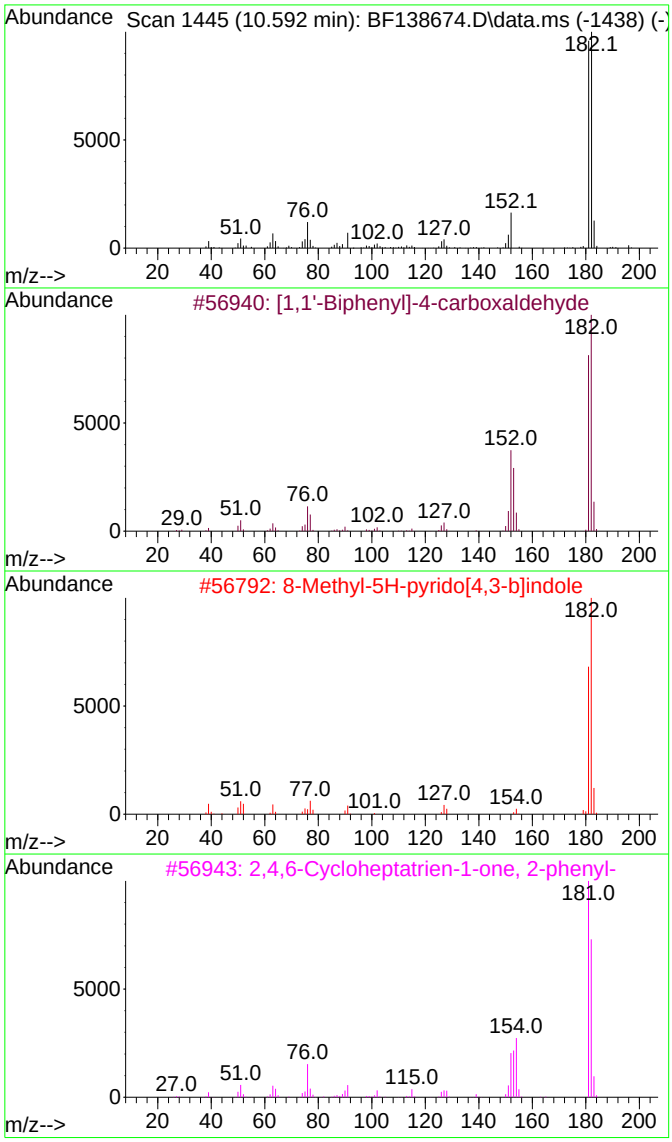
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

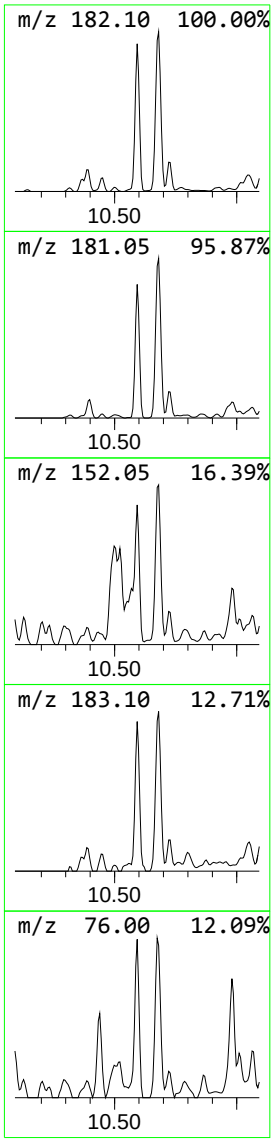
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	8.21 ng	352451	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	80
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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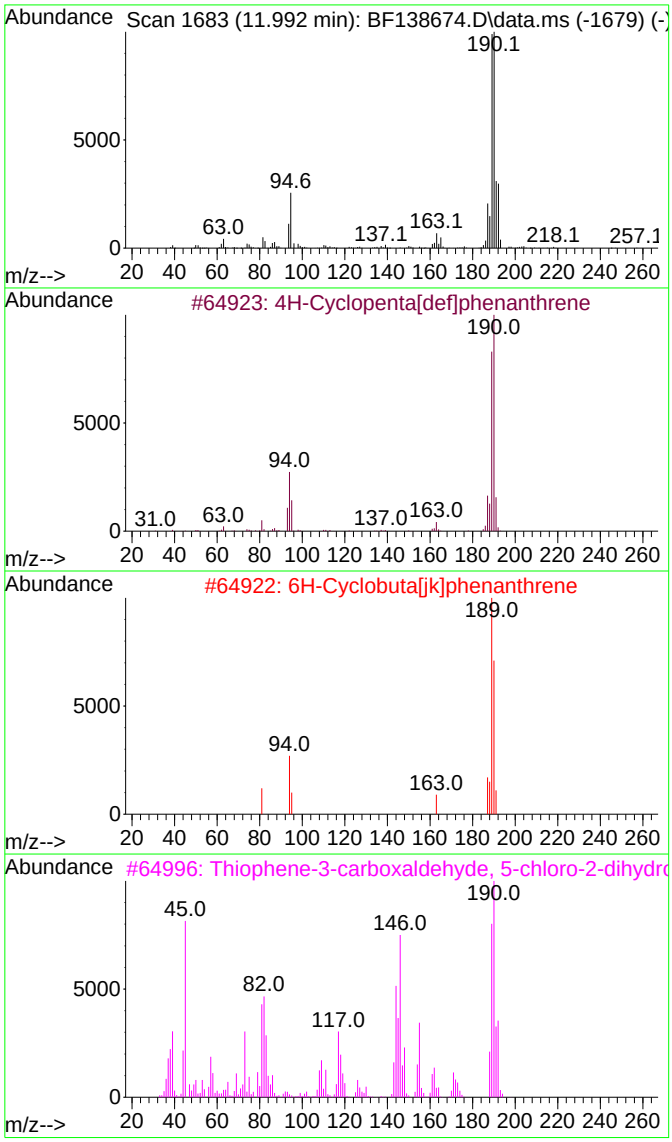
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

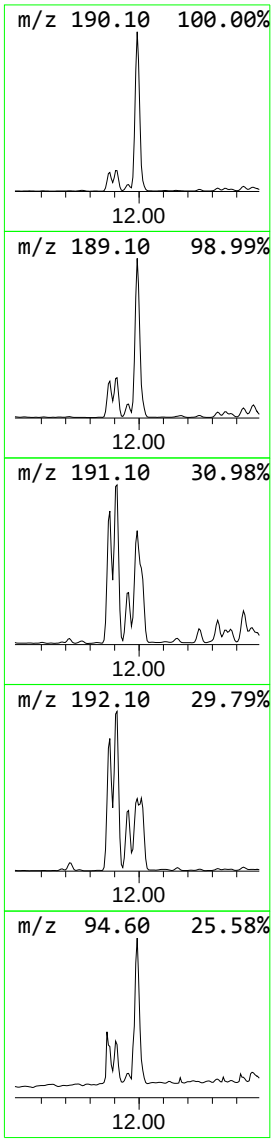
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.53 ng	751550	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

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

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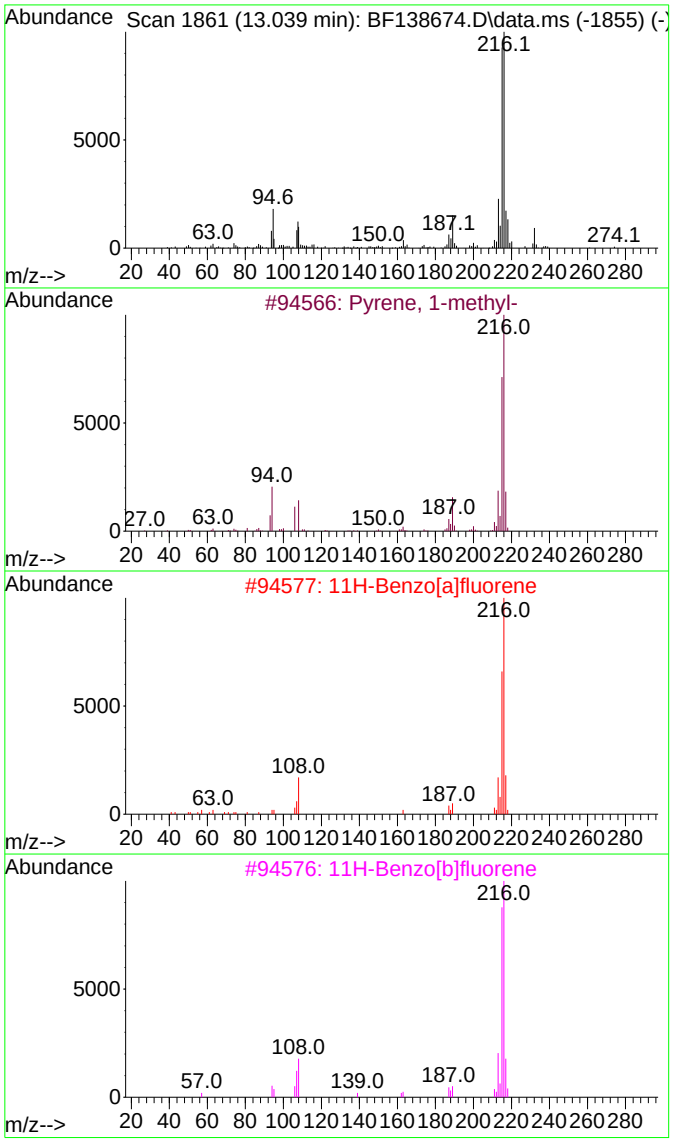
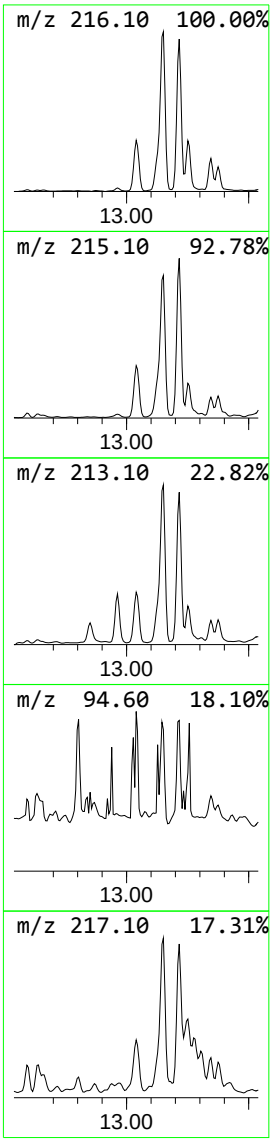
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	3.84 ng	191221	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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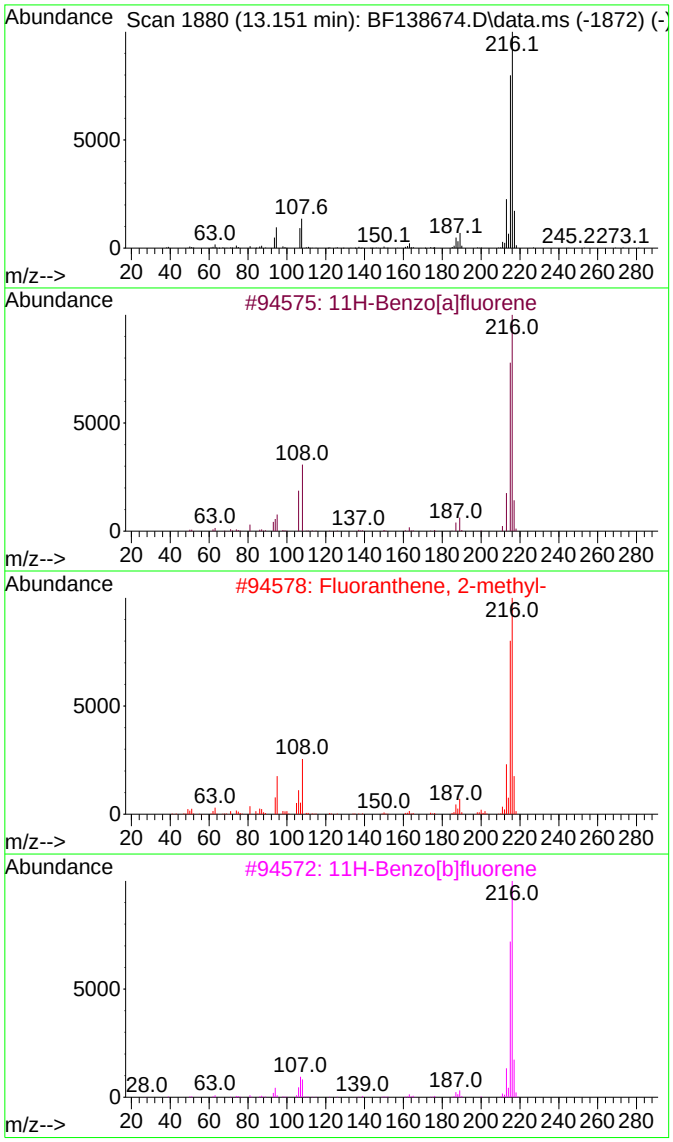
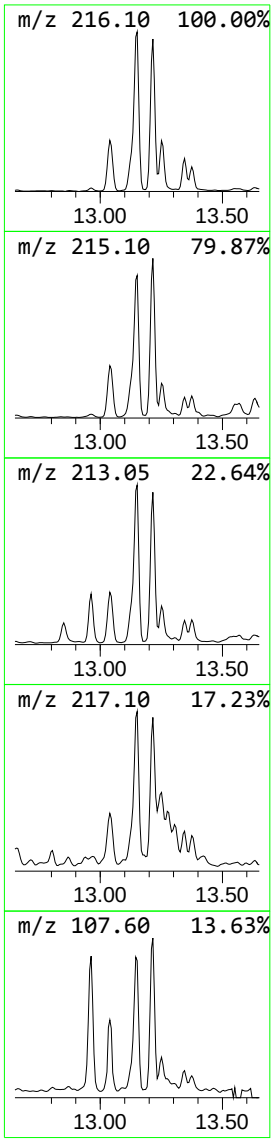
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	7.65 ng	381535	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

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

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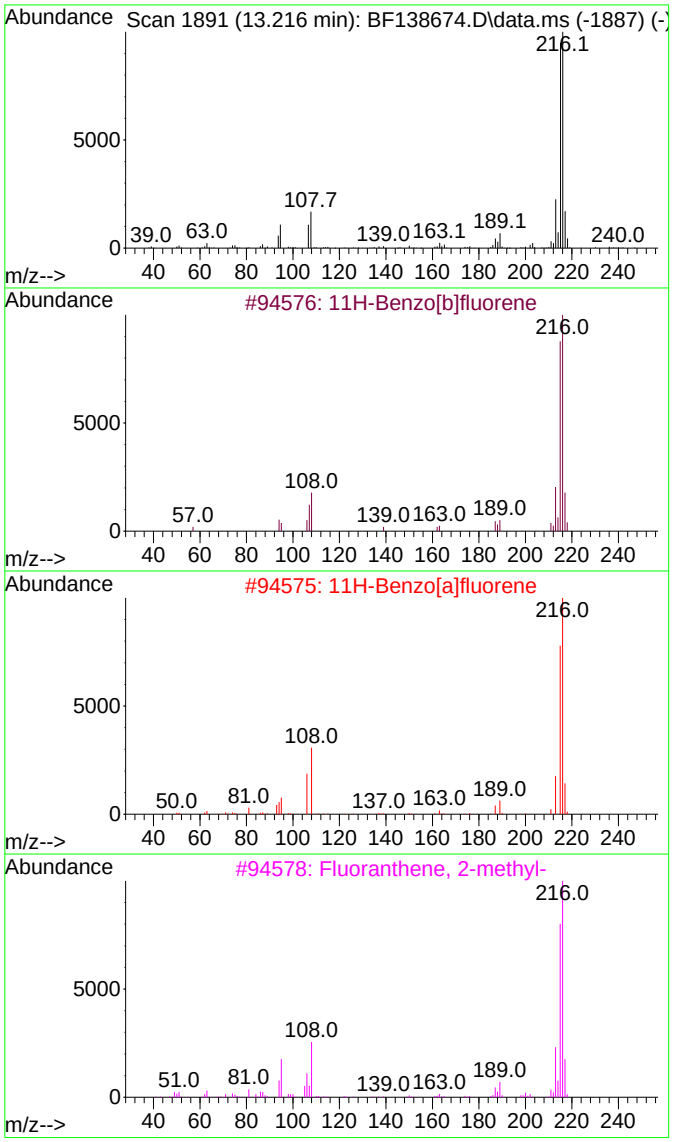
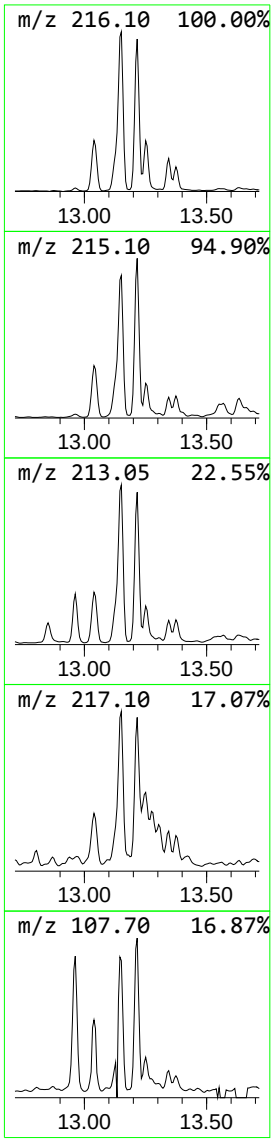
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	5.48 ng	273325	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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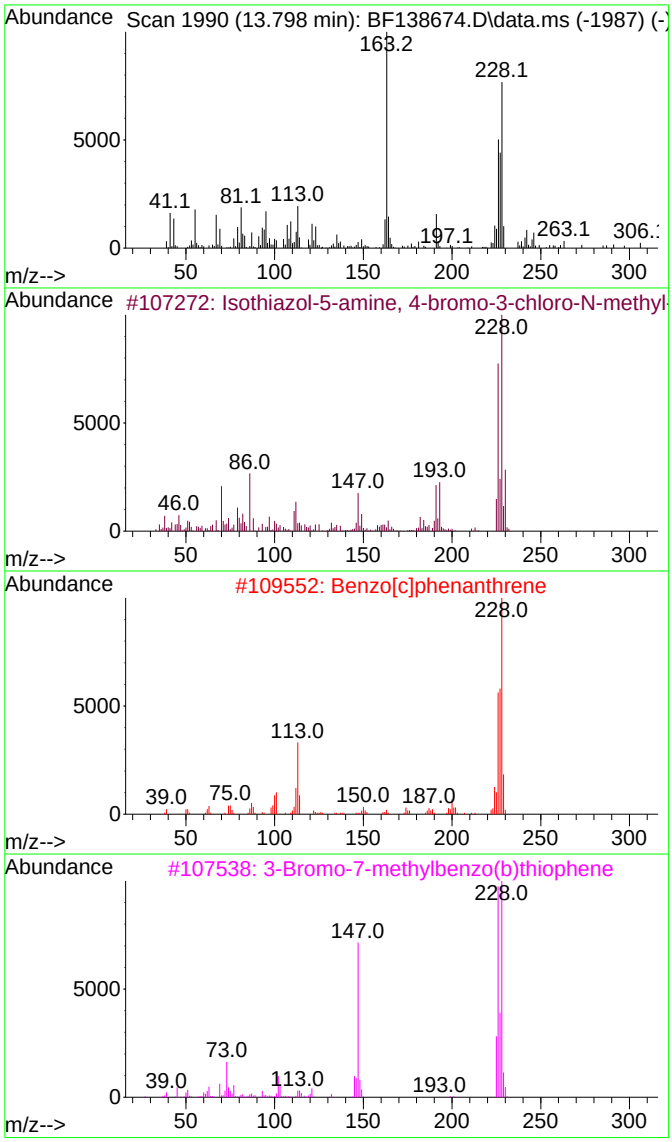
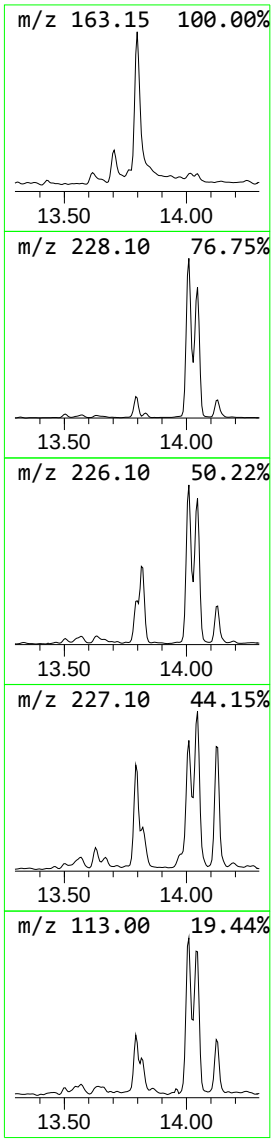
Peak Number 15 unknown13.798 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	6.77 ng	337258	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
3	3-Bromo-7-methylbenzo(b)thiophene	226	C9H7BrS	001500-71-6	38
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	35
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	27





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

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

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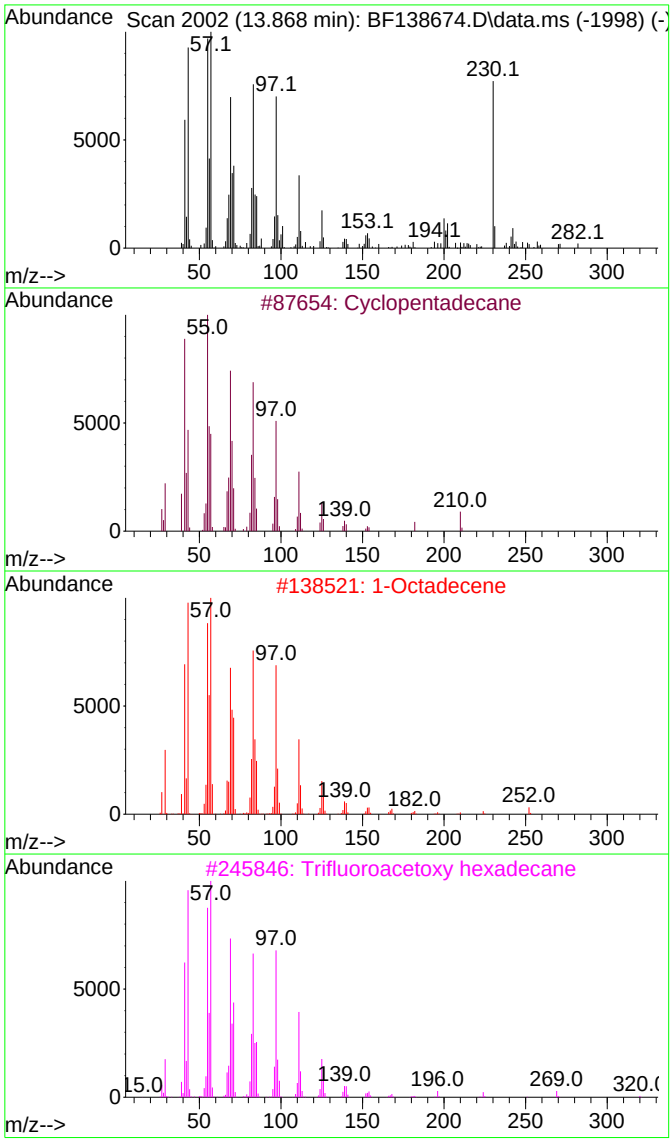
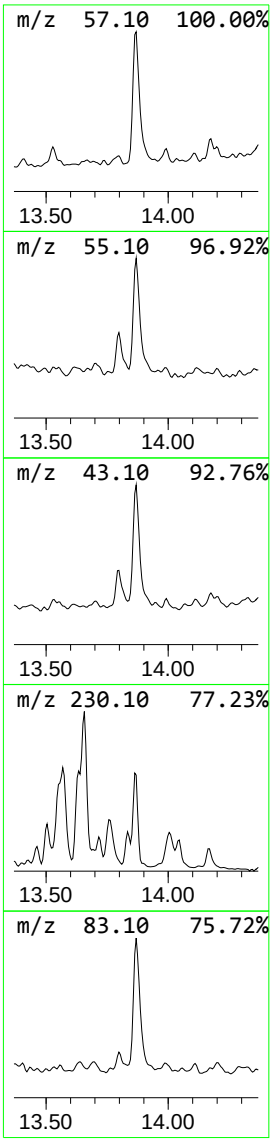
Peak Number 16 Cyclopentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	4.08 ng	203267	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	1-Octadecene	252	C18H36	000112-88-9	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86
4	1-Tricosene	322	C23H46	018835-32-0	86
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	70





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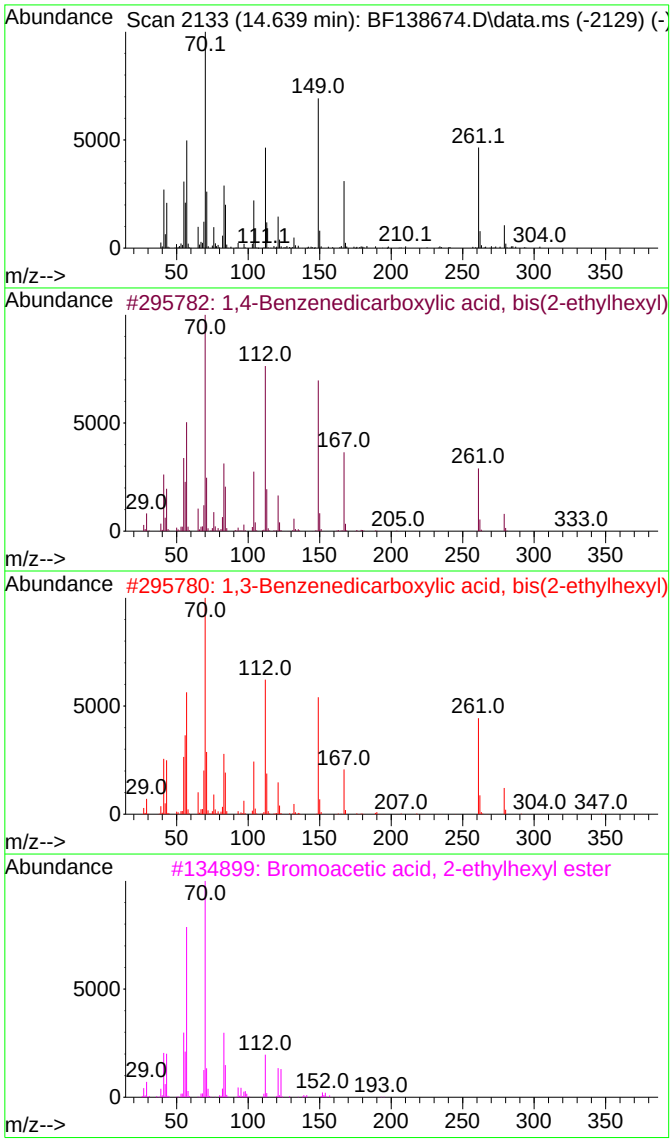
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

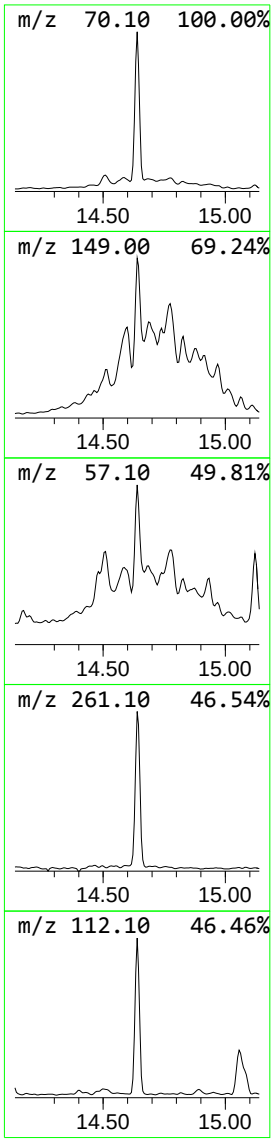
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,4-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	4.38 ng	218269	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	72
3	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	35
4	Phthalic acid, monodecyl ester	306	C18H26O4	024539-60-4	27
5	4-Methyl-N-(4-nitrophenyl)pipera...	294	C13H18N4O2S	1000488-00-4	14





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Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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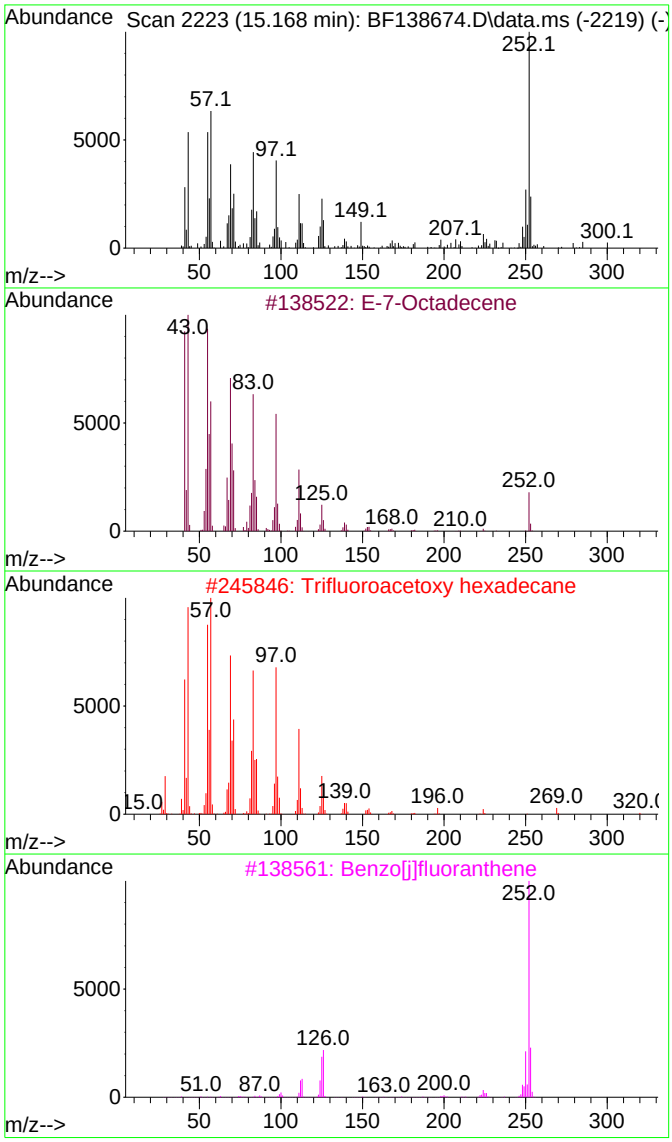
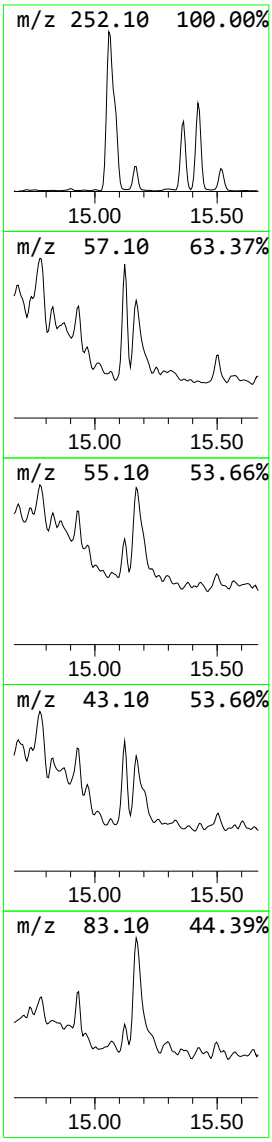
Peak Number 18 E-7-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	8.78 ng	147483	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	89
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
5	Perylene	252	C20H12	000198-55-0	64





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Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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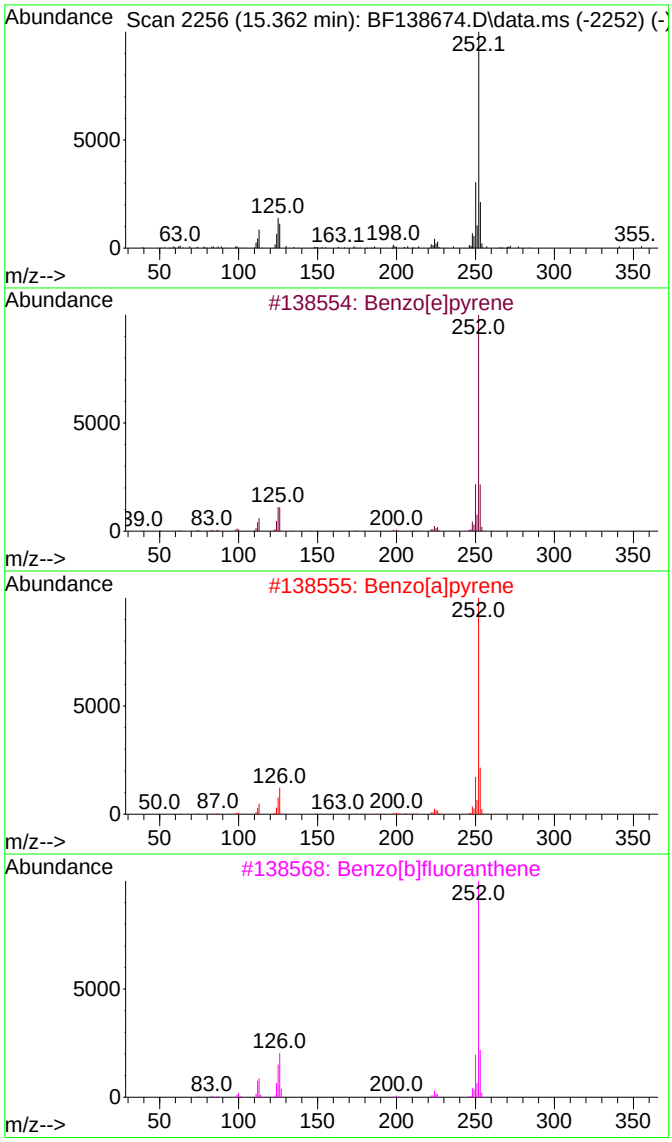
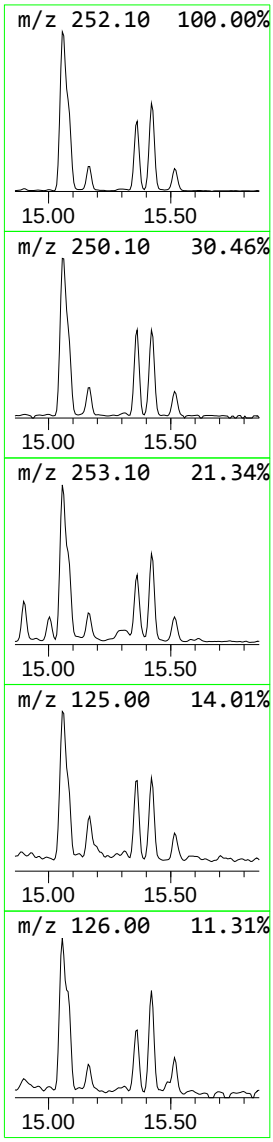
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	5.78 ng	97157	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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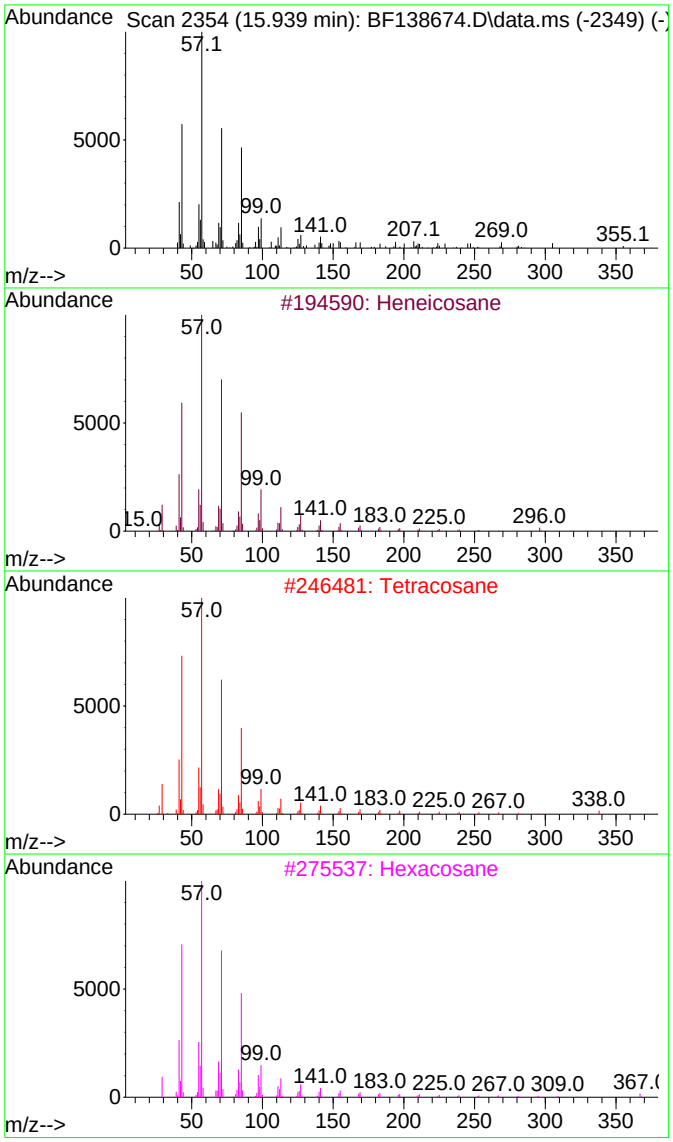
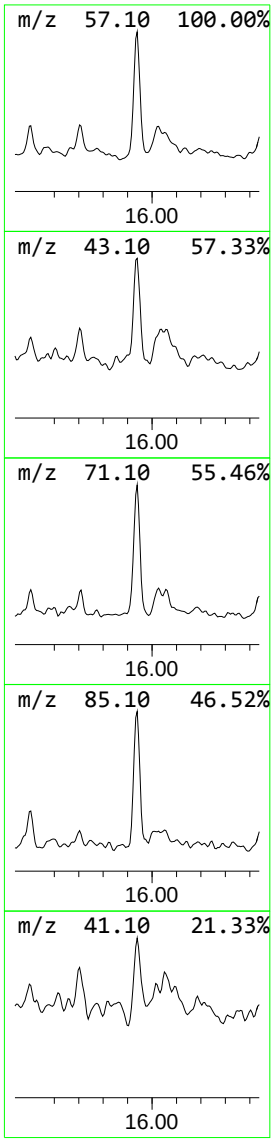
Peak Number 20 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	3.78 ng	63457	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane	310	C22H46	000629-97-0	87
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138674.D
Acq On : 29 Jul 2024 17:43
Operator : RC/JU
Sample : P3362-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.152	77.5	ng	2340020	1	6.845	603870	20.0
2-Pentanone, 4-...	5.075	5.5	ng	167263	1	6.845	603870	20.0
Naphthalene, 1,...	9.469	7.8	ng	334913	3	9.886	858751	20.0
Naphthalene, 2,...	9.545	8.5	ng	364375	3	9.886	858751	20.0
Naphthalene, 2,...	9.575	3.5	ng	152544	3	9.886	858751	20.0
Naphthalene, 2,...	9.663	3.6	ng	155546	3	9.886	858751	20.0
unknown9.986	9.986	16.4	ng	702161	3	9.886	858751	20.0
Naphthalene, 2,...	10.292	2.7	ng	114250	3	9.886	858751	20.0
1,1'-Biphenyl, ...	10.522	8.3	ng	355093	3	9.886	858751	20.0
[1,1'-Biphenyl]...	10.592	8.2	ng	352451	3	9.886	858751	20.0
4H-Cyclopenta[d...	11.992	3.5	ng	751550	4	11.380	4262620	20.0
Pyrene, 1-methyl-	13.039	3.8	ng	191221	5	14.021	996983	20.0
11H-Benzo[a]flu...	13.151	7.7	ng	381535	5	14.021	996983	20.0
11H-Benzo[b]flu...	13.216	5.5	ng	273325	5	14.021	996983	20.0
unknown13.798	13.798	6.8	ng	337258	5	14.021	996983	20.0
Cyclopentadecane	13.868	4.1	ng	203267	5	14.021	996983	20.0
1,4-Benzenedica...	14.639	4.4	ng	218269	5	14.021	996983	20.0
E-7-Octadecene	15.168	8.8	ng	147483	6	15.486	336055	20.0
Benzo[e]pyrene	15.363	5.8	ng	97157	6	15.486	336055	20.0
Heneicosane	15.939	3.8	ng	63457	6	15.486	336055	20.0