LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134299.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	3	12	16	rVB	5758247	11161898	100.00%	19.172%
2	4.169	351	354	367	rBV	95860	261383	2.34%	0.449%
3	5.475	572	576	596	rBV	1632788	1687909	15.12%	2.899%
4	5.657	603	607	617	rVB2	832753	895231	8.02%	1.538%
5	6.104	678	683	694	rBV	1068985	1001911	8.98%	1.721%
6	6.481	743	747	750	rBV	1722097	1642976	14.72%	2.822%
7	6.840	805	808	814	rBV	612931	488888	4.38%	0.840%
8	6.951	822	827	831	rBV	234523	228971	2.05%	0.393%
9	6.998	831	835	838	rBV	1106898	903141	8.09%	1.551%
10	7.404	900	904	907	rBV	1235706	1059482	9.49%	1.820%
11	8.122	1023	1026	1029	rVB	712773	568919	5.10%	0.977%
12	8.534	1093	1096	1099	rBV	133642	129928	1.16%	0.223%
13	8.710	1122	1126	1130	rBV	353029	293422	2.63%	0.504%
14	9.004	1171	1176	1178	rBV3	82232	130625	1.17%	0.224%
15	9.198	1205	1209	1212	rVB	2437889	1853402	16.60%	3.183%
16	9.275	1219	1222	1225	rBV	190673	157672	1.41%	0.271%
17	9.881	1321	1325	1328	rVV	731662	616703	5.53%	1.059%
18	9.910	1328	1330	1334	rVB	277026	207708	1.86%	0.357%
19	10.081	1355	1359	1363	rBV2	142673	141918	1.27%	0.244%
20	10.428	1414	1418	1424	rBV	338595	300260	2.69%	0.516%
21	10.592	1442	1446	1450	rVB2	280605	326806	2.93%	0.561%
22	10.675	1456	1460	1464	rBV	1541031	1383467	12.39%	2.376%
23	10.981	1505	1512	1515	rBV2	122080	159401	1.43%	0.274%
24	11.228	1549	1554	1557	rVV3	111414	156479	1.40%	0.269%
25	11.269	1558	1561	1568	rVB	149223	146030	1.31%	0.251%
26	11.375	1573	1579	1581	rBV	737424	690565	6.19%	1.186%
27	11.404	1581	1584	1587	rVV	2061153	1772398	15.88%	3.044%
28	11.451	1589	1592	1595	rVV	541343	436365	3.91%	0.750%
29	11.610	1614	1619	1627	rBV	198957	280278	2.51%	0.481%
30	11.880	1661	1665	1667	rBV	286533	288212	2.58%	0.495%
31	11.904	1667	1669	1673	rVV	749875	754389	6.76%	1.296%
32	11.957	1674	1678	1681	rVV	198508	217344	1.95%	0.373%
33	11.992	1681	1684	1686	rVV	562514	554048	4.96%	0.952%
34	12.016	1686	1688	1692	rVB	195680	167871	1.50%	0.288%
35	12.175	1712	1715	1718	rBV	214467	181315	1.62%	0.311%
36	12.433	1755	1759	1761	rBV	194086	210172	1.88%	0.361%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.469	1761	1765	1767	rVV3	122601	157745	1.41%	0.271%
38	12.522	1771	1774	1778	rBV2	175956	211355	1.89%	0.363%
39	12.604	1783	1788	1791	rBV	2928182	2702676	24.21%	4.642%
40	12.698	1801	1804	1807	rBV	174917	181229	1.62%	0.311%
41	12.833	1821	1827	1832	rBV2	2187595	2687785	24.08%	4.617%
42	12.875	1832	1834	1839	rVB2	152811	188809	1.69%	0.324%
43	12.951	1839	1847	1848	rBV	204018	255906	2.29%	0.440%
44	12.975	1848	1851	1857	rVB	1996287	1830945	16.40%	3.145%
45	13.051	1858	1864	1868	rBV3	287232	472000	4.23%	0.811%
46	13.133	1875	1878	1879	rBV2	272703	260043	2.33%	0.447%
47	13.163	1880	1883	1886	rVB	552678	576395	5.16%	0.990%
48	13.227	1891	1894	1896	rBV	452584	375508	3.36%	0.645%
49	13.263	1896	1900	1903	rVV2	391651	447149	4.01%	0.768%
50	13.357	1913	1916	1919	rBV	285836	252540	2.26%	0.434%
51	13.386	1919	1921	1925	rBV2	204075	209883	1.88%	0.361%
52	13.545	1944	1948	1950	rBV4	93027	150592	1.35%	0.259%
53	13.586	1953	1955	1958	rVB	168683	154456	1.38%	0.265%
54	13.674	1967	1970	1974	rVB	322151	296681	2.66%	0.510%
55	13.786	1984	1989	1991	rBV2	337395	380932	3.41%	0.654%
56	13.810	1991	1993	1995	rVV	247429	187050	1.68%	0.321%
57	13.833	1995	1997	2003	rVB3	154488	248622	2.23%	0.427%
58	13.886	2003	2006	2009	rBV	161949	152630	1.37%	0.262%
59	14.033	2023	2031	2035	rBV2	1565453	2687254	24.08%	4.616%
60	14.069	2035	2037	2044	rVB	1461384	1323807	11.86%	2.274%
61	14.204	2056	2060	2064	rBV6	90456	180578	1.62%	0.310%
62	14.257	2066	2069	2070	rVV	142561	143807	1.29%	0.247%
63	14.392	2088	2092	2094	rBV2	135643	159515	1.43%	0.274%
64	14.427	2094	2098	2101	rVV	495617	545356	4.89%	0.937%
65	14.463	2101	2104	2108	rVV2	257398	286831	2.57%	0.493%
66	14.504	2108	2111	2116	rVV4	126171	263997	2.37%	0.453%
67	14.557	2117	2120	2122	rVV2	200395	247114	2.21%	0.424%
68	14.574	2122	2123	2127	rVV2	169484	190704	1.71%	0.328%
69	14.627	2130	2132	2136	rVV2	161399	182045	1.63%	0.313%
70	14.669	2136	2139	2145	rVB	642614	639525	5.73%	1.098%
71	14.933	2182	2184	2188	rVB2	114629	132987	1.19%	0.228%
72	15.110	2208	2214	2217	rBV	1410869	2411813	21.61%	4.143%
73	15.216	2229	2232	2235	rVB	150537	145765	1.31%	0.250%
74	15.304	2244	2247	2255	rBV3	75563	143825	1.29%	0.247%
75	15.421	2262	2267	2273	rVB	882379	1208433	10.83%	2.076%
76	15.492	2273	2279	2283	rVB	817861	1082534	9.70%	1.859%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.551	2284	2289	2292	rBV	318829	433821	3.89%	0.745%
78	15.580	2292	2294	2301	rVB2	205102	356200	3.19%	0.612%
79	15.733	2315	2320	2322	rBV2	70168	118915	1.07%	0.204%
80	15.880	2342	2345	2349	rVB	101789	124047	1.11%	0.213%
81	17.098	2545	2552	2560	rVB2	362976	763851	6.84%	1.312%
82	17.568	2625	2632	2646	rVB	264805	608796	5.45%	1.046%

Sum of corrected areas: 58219938

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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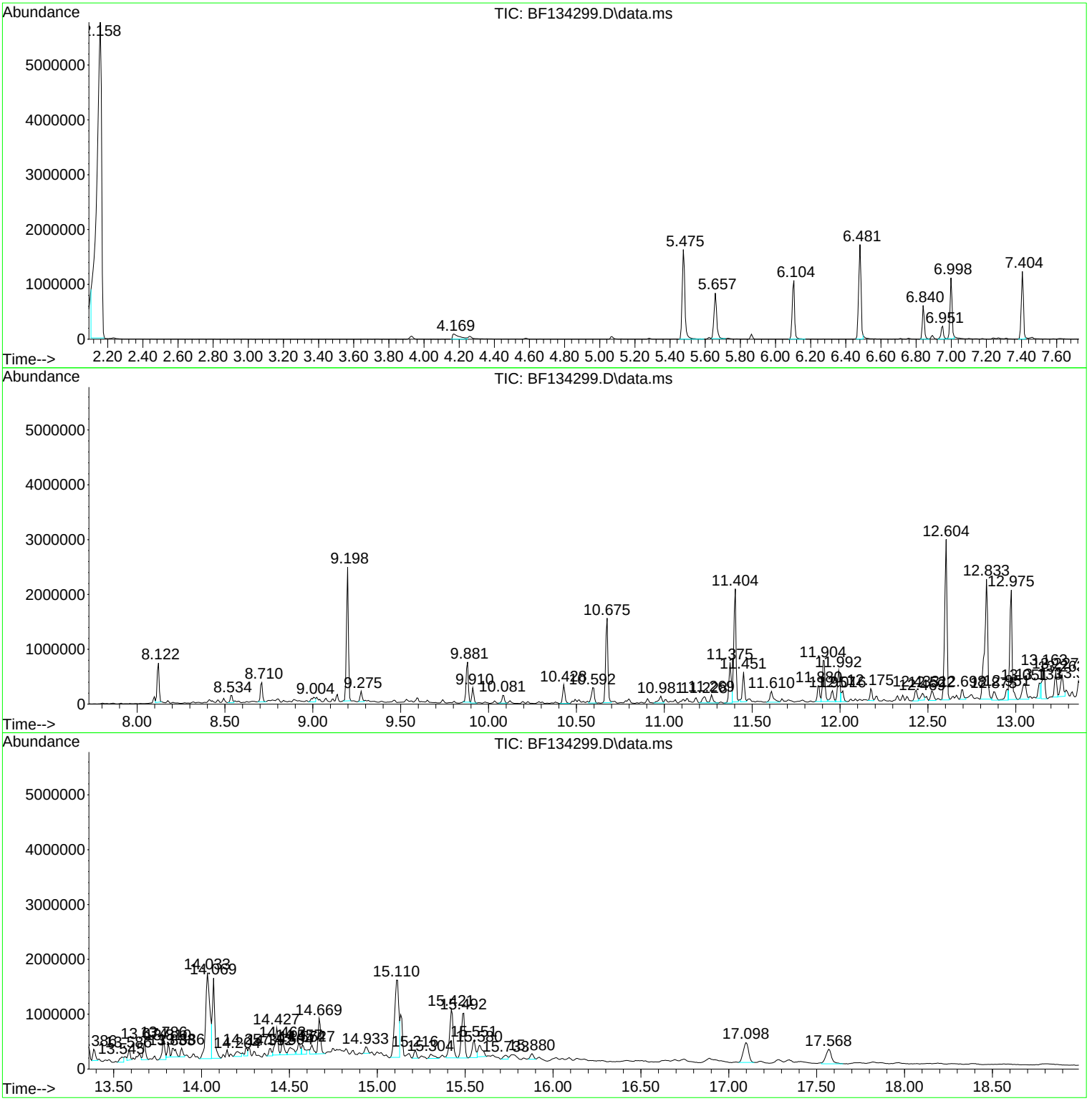
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

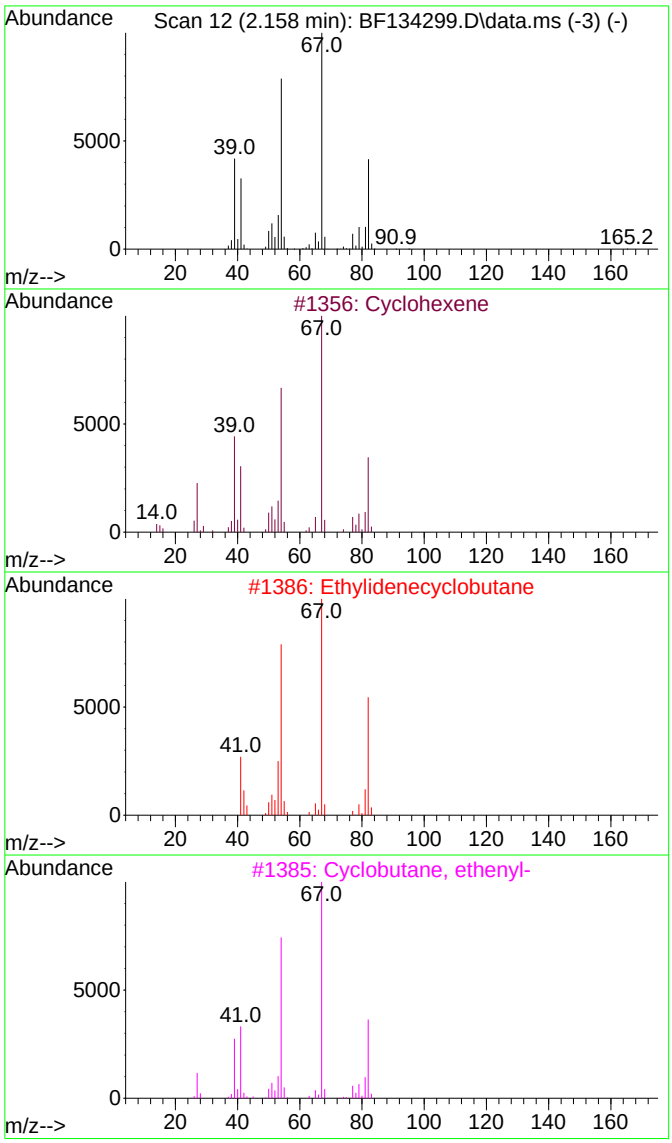
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

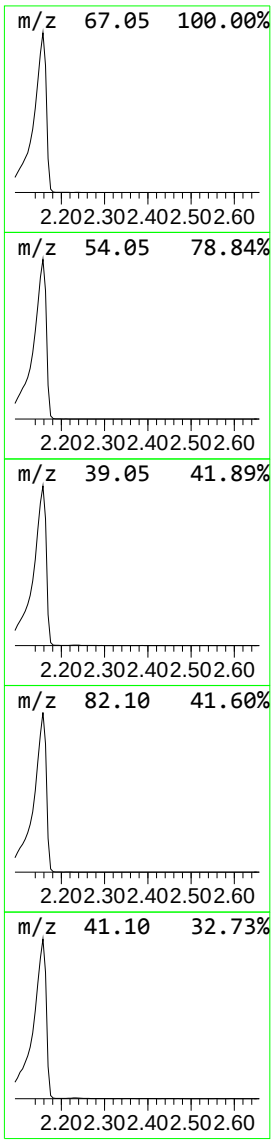
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	456.62 ng	11161900	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	97
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	42
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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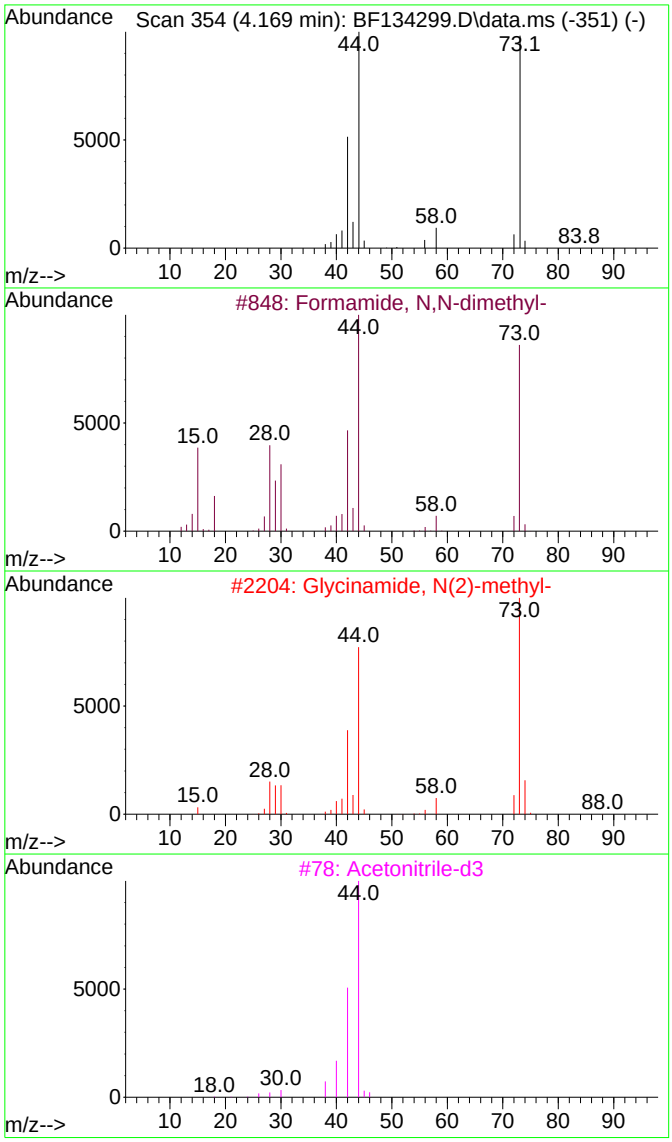
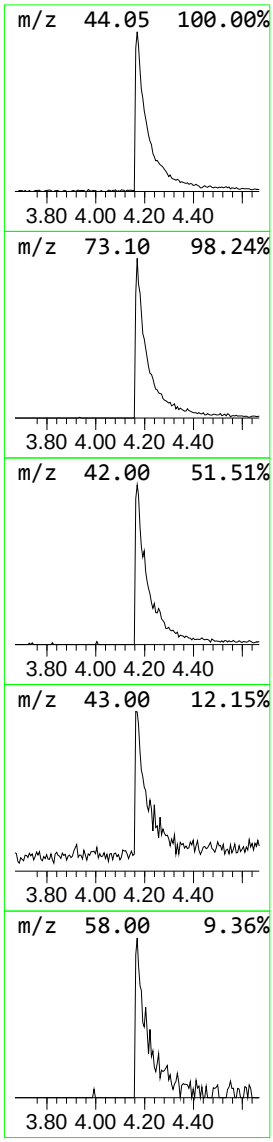
Peak Number 2 Formamide, N,N-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.169	10.69 ng	261383	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	90
2	Glycinamide, N(2)-methyl-	88	C3H8N2O	1000452-55-9	74
3	Acetonitrile-d3	44	C2D3N	002206-26-0	7
4	Formic acid, ethenyl ester	72	C3H4O2	000692-45-5	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

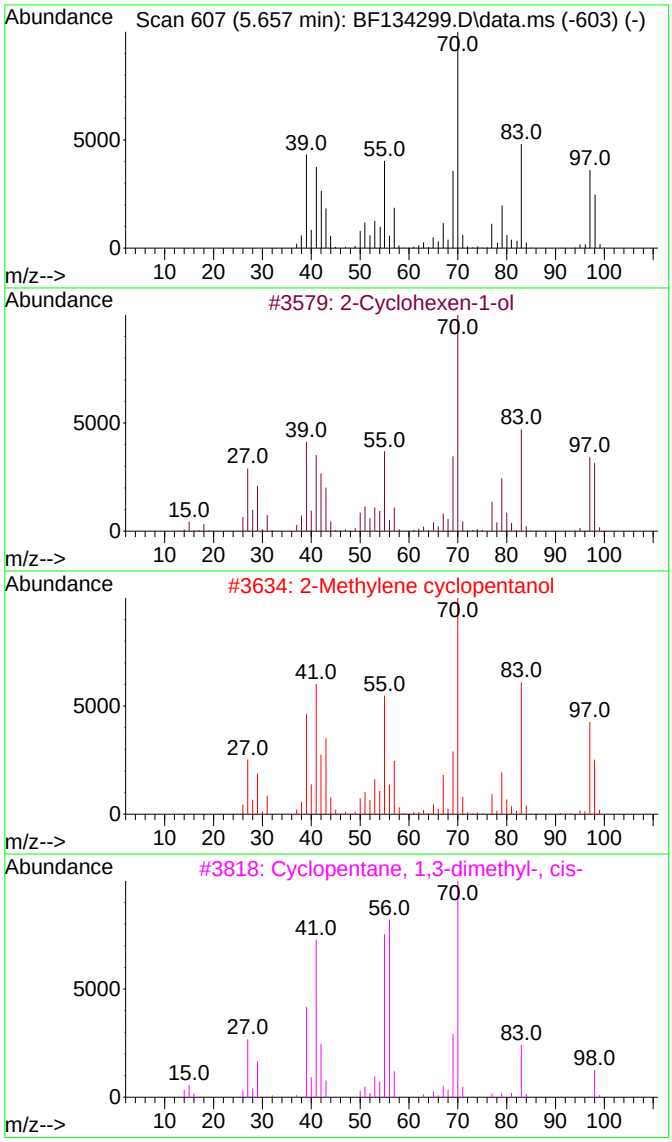
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

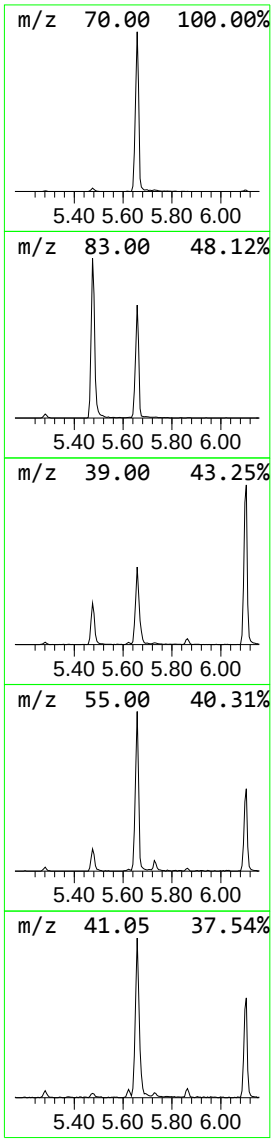
****

Peak Number 3 2-Cyclohexen-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.657	36.62 ng	895231	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	96
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	87
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	40
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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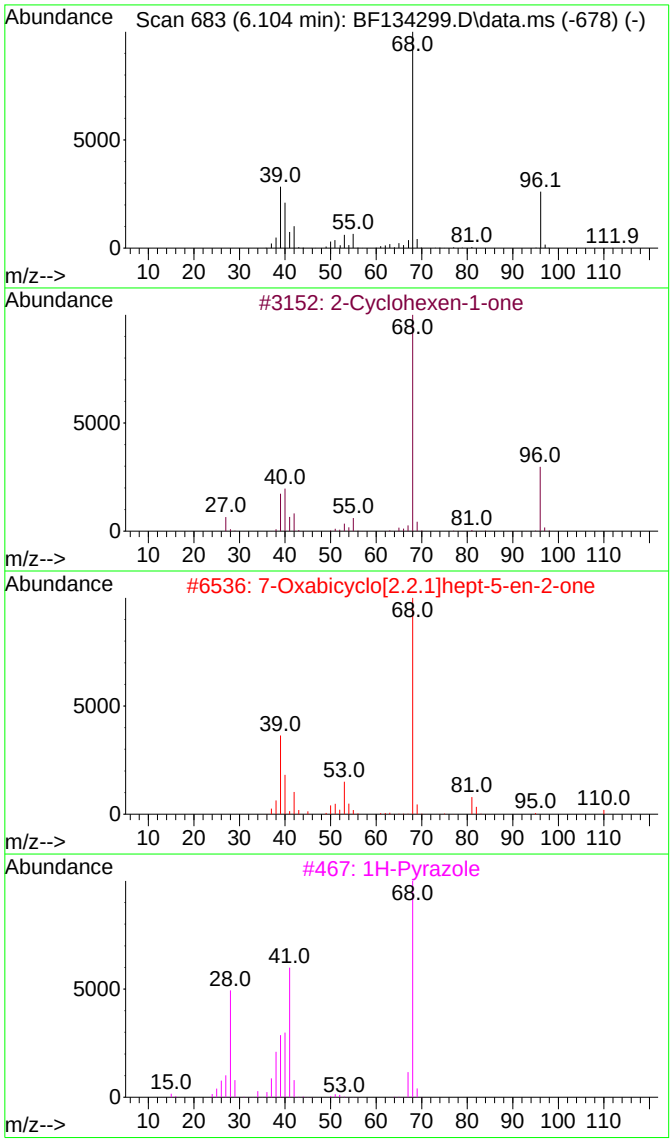
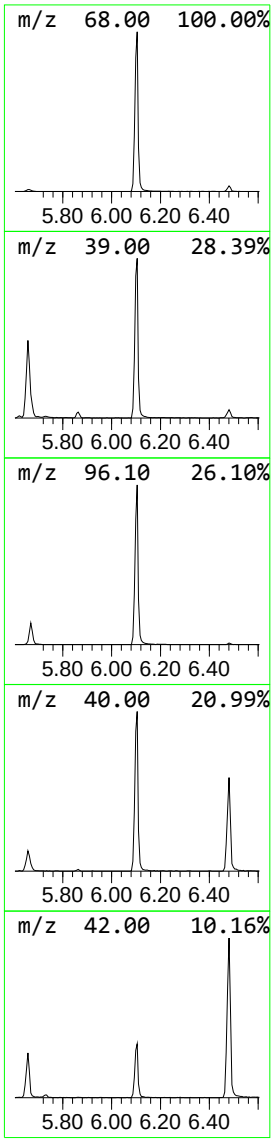
Peak Number 4 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.104	40.99 ng	1001910	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	42
3	1H-Pyrazole	68	C3H4N2	000288-13-1	36
4	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	17
5	But-1-ene-3-yne, 1-ethoxy-	96	C6H8O	002806-41-9	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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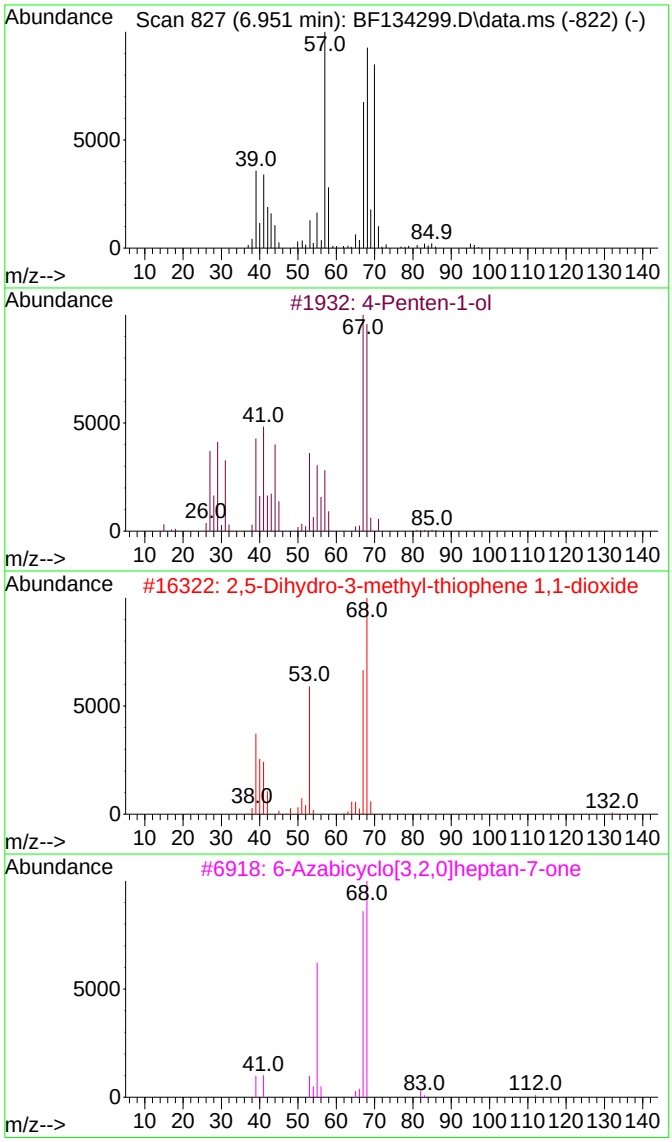
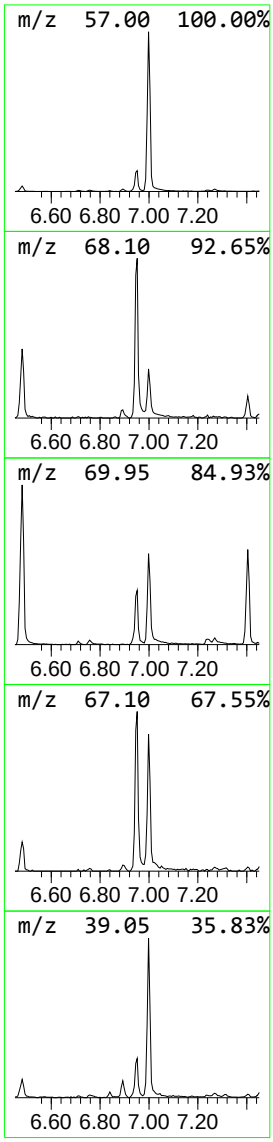
Peak Number 5 unknown6.951 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	9.37 ng	228971	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-1-ol	86	C5H10O	000821-09-0	38
2	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	35
3	6-Azabicyclo[3,2,0]heptan-7-one	111	C6H9NO	1000144-05-1	35
4	4-Heptyn-2-ol	112	C7H12O	019781-81-8	32
5	4-Penten-1-ol, propanoate	142	C8H14O2	030563-30-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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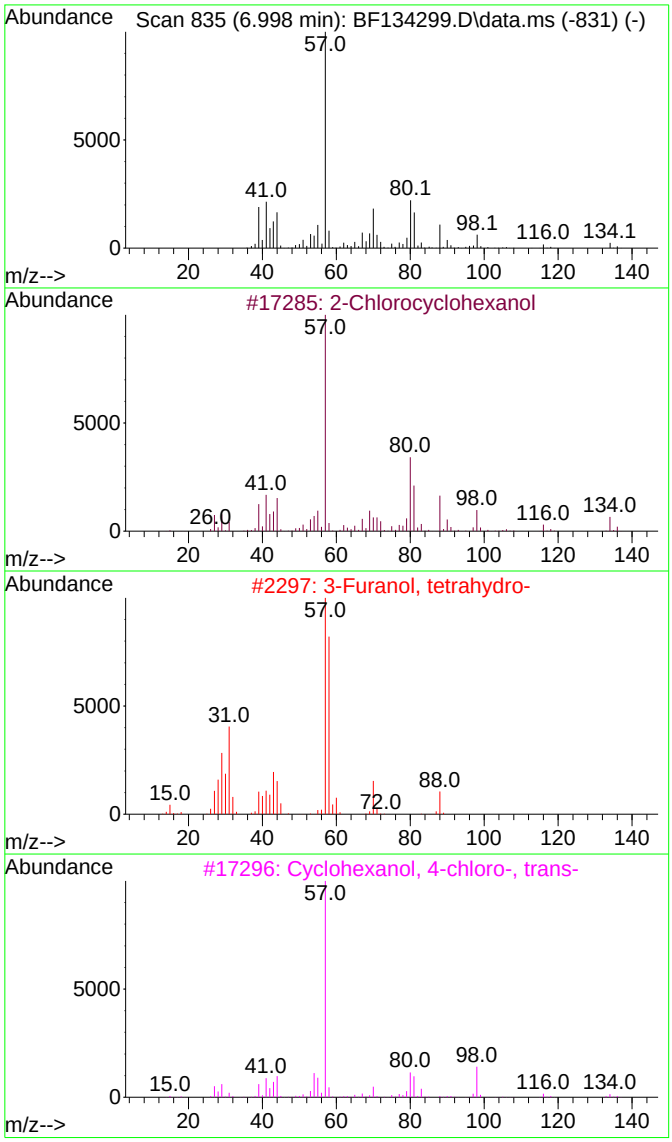
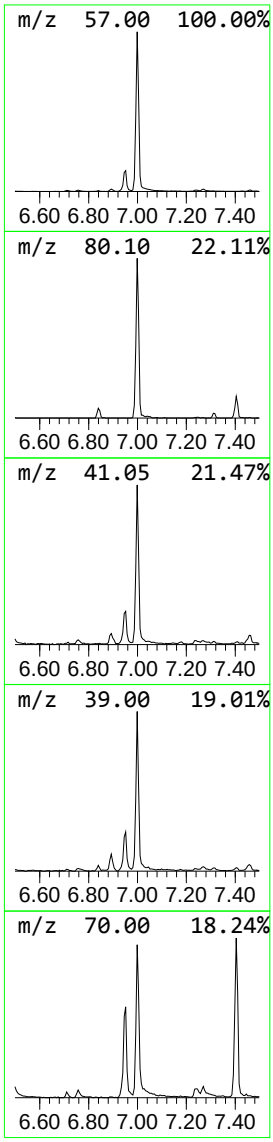
Peak Number 6 2-Chlorocyclohexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	36.95 ng	903141	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
2	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	38
3	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	37
4	Cyclohexanol, 2-chloro-, trans-	134	C6H11ClO	006628-80-4	28
5	(S)-(+)-3-Hydroxytetrahydrofuran	88	C4H8O2	086087-23-2	23





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Sample : 03564-02
Misc :
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Instrument :
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ClientSampleId :
VNJ-225

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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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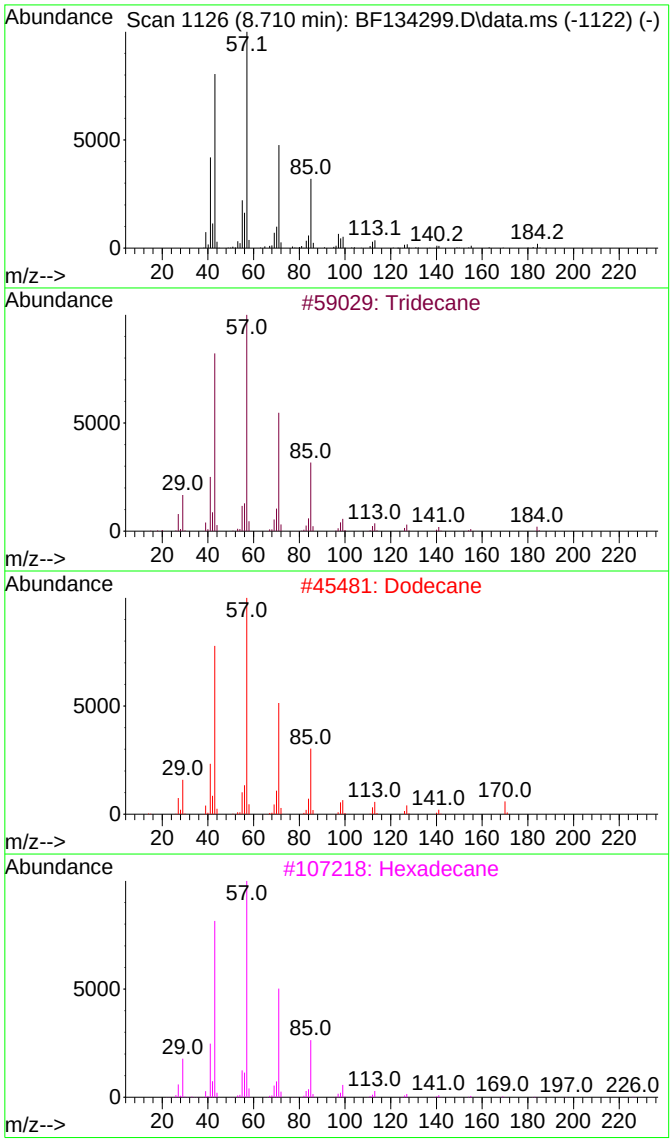
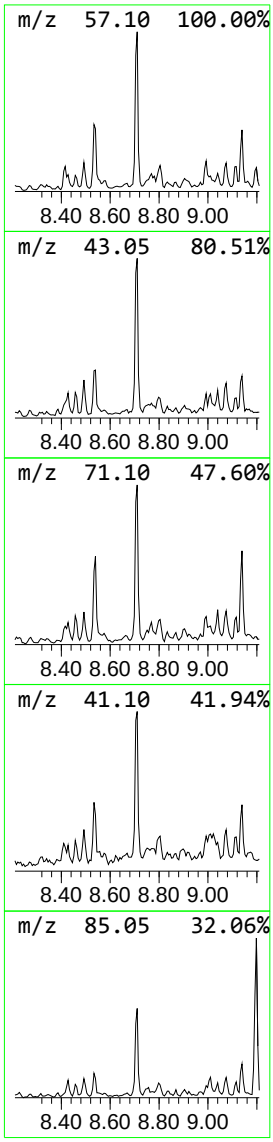
Peak Number 7 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	10.32 ng	293422	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5	Undecane	156	C11H24	001120-21-4	80





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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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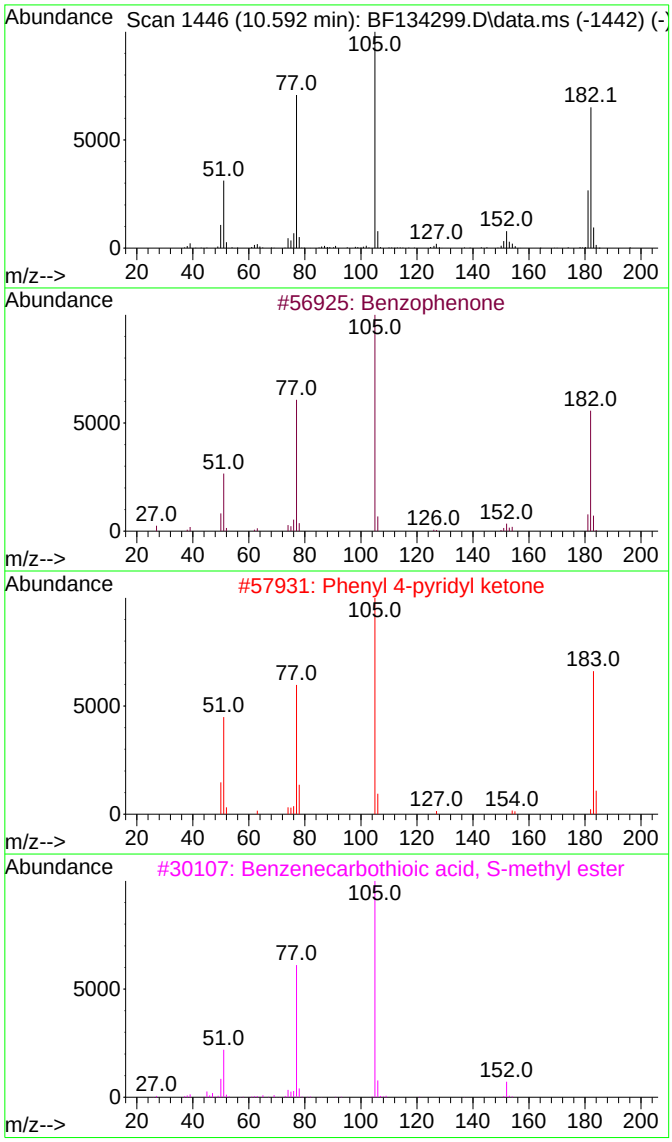
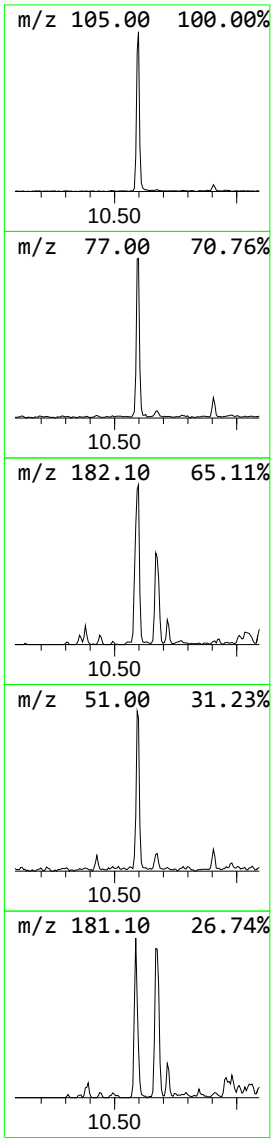
Peak Number 8 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	10.60 ng	326806	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	43
5	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43





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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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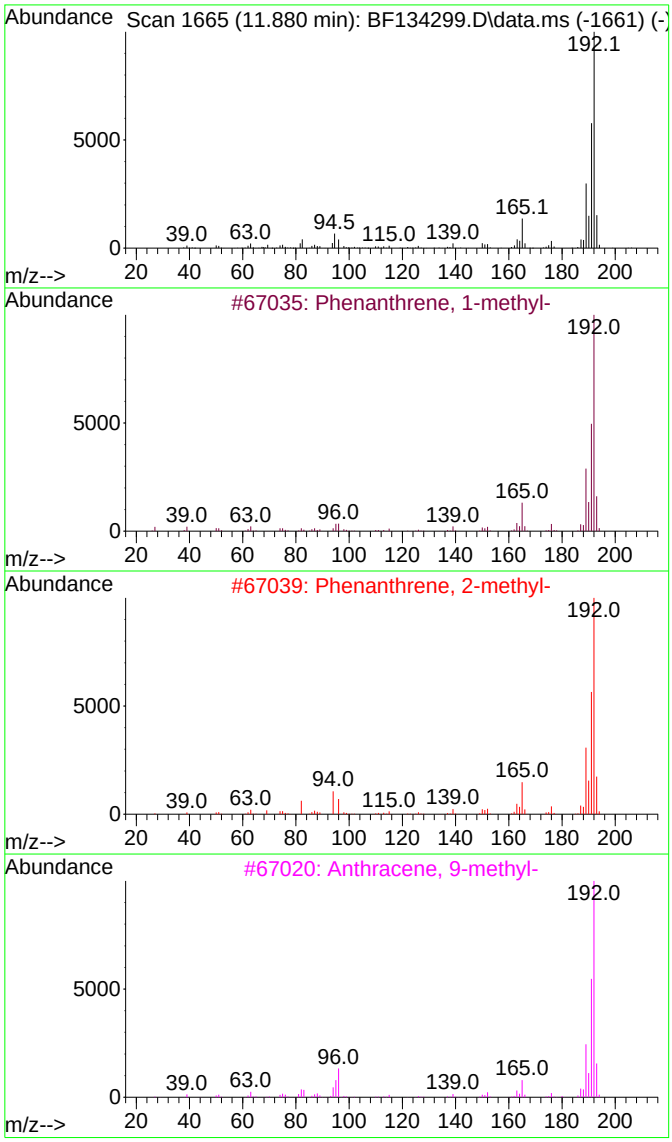
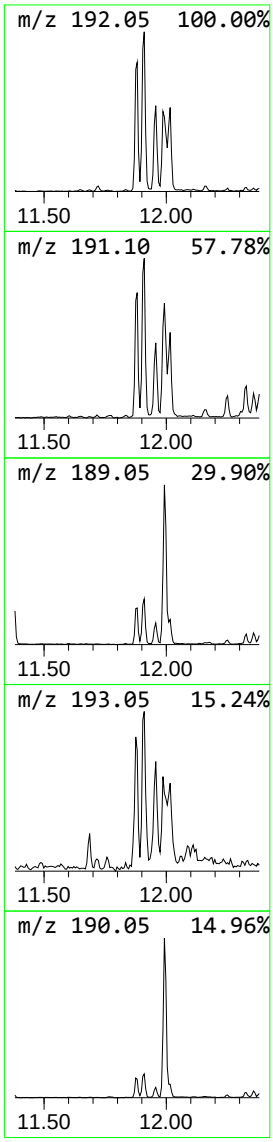
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	8.35 ng	288212	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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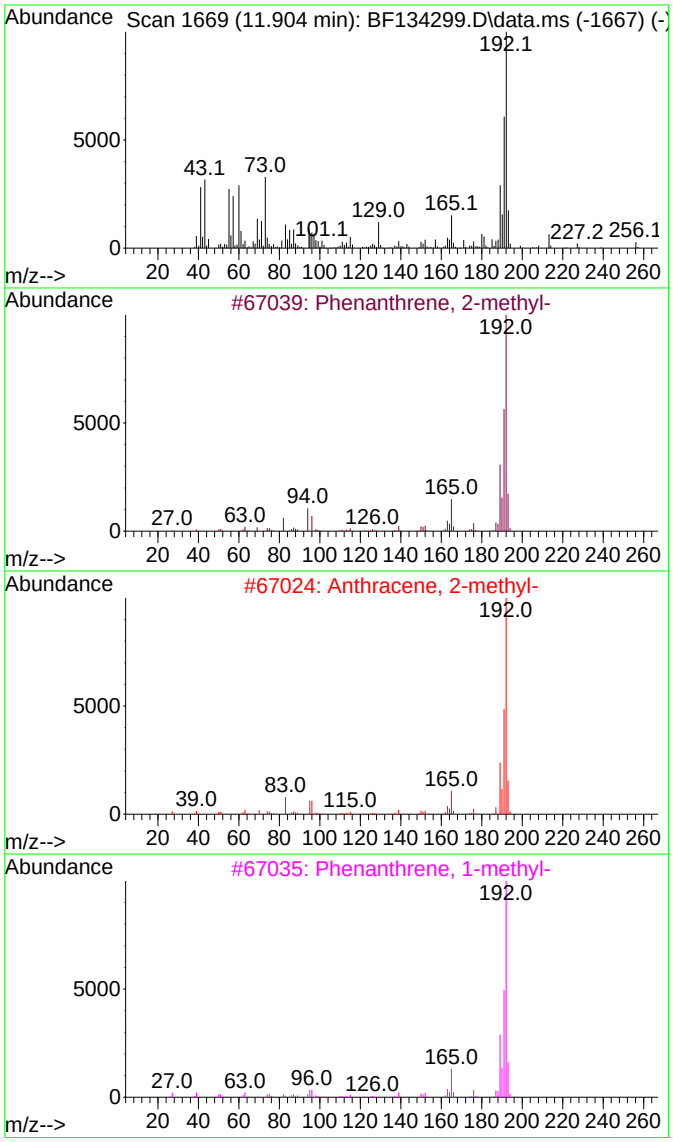
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

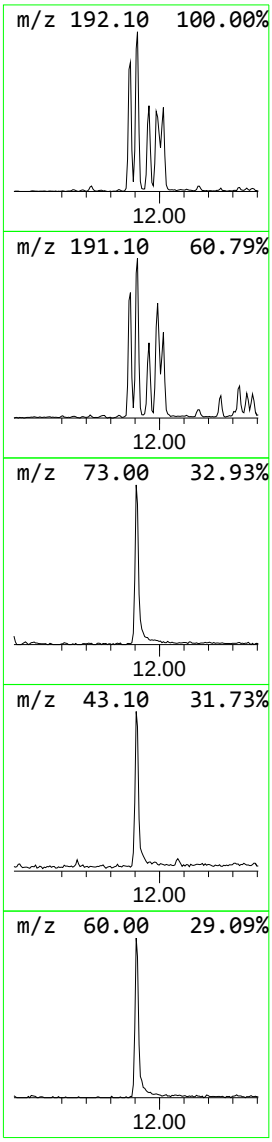
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	21.85 ng	754389	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 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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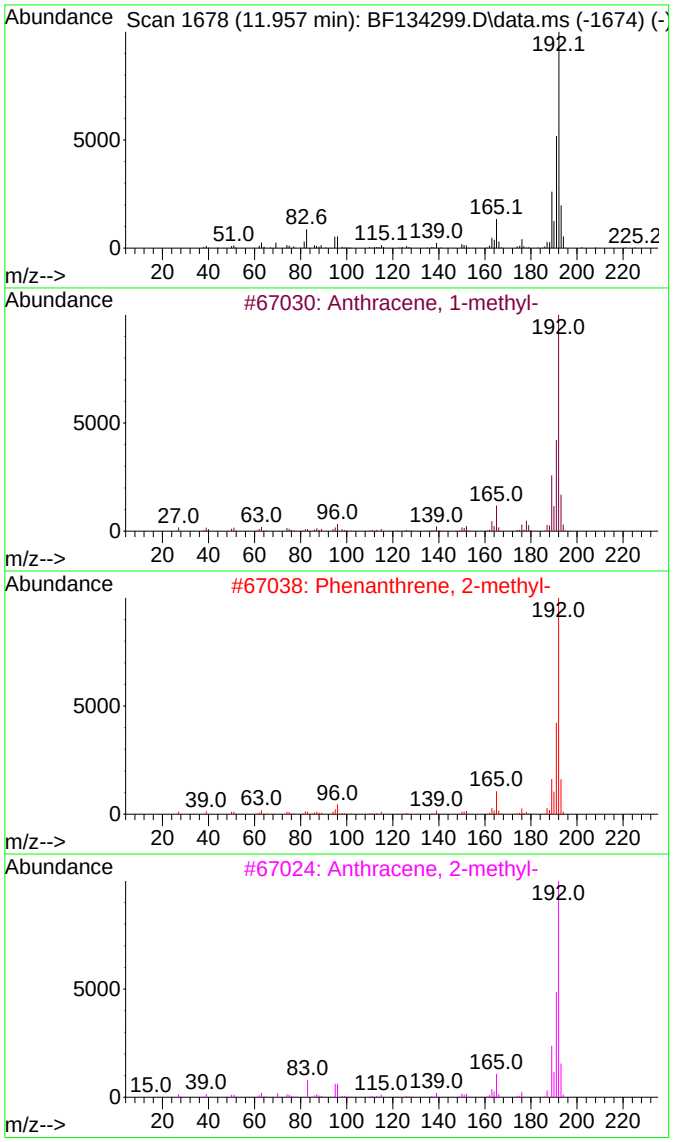
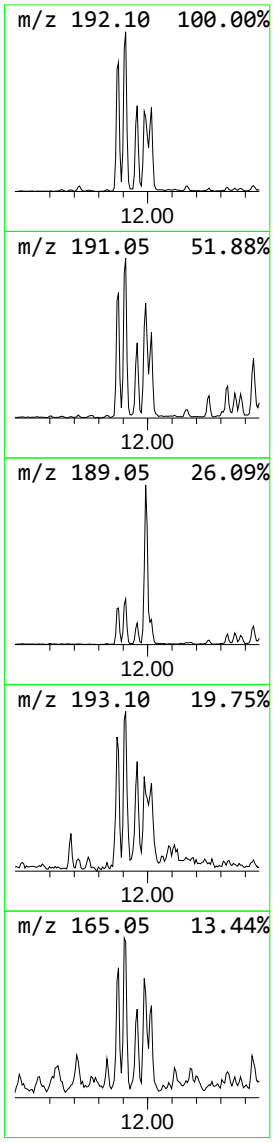
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	6.29 ng	217344	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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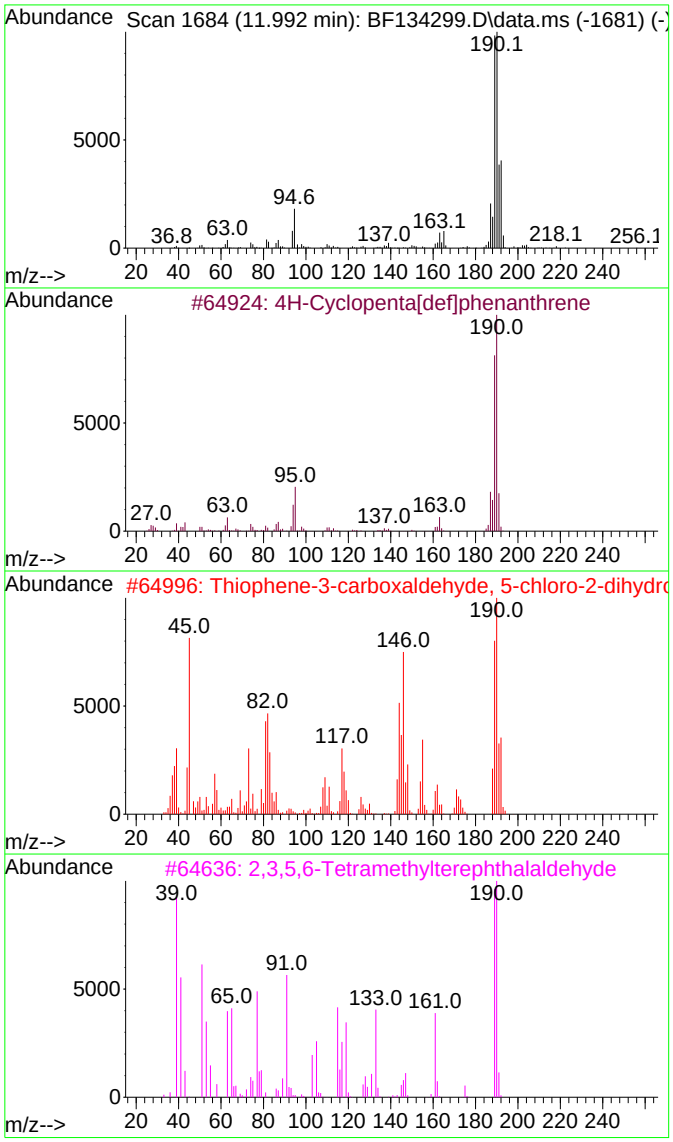
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

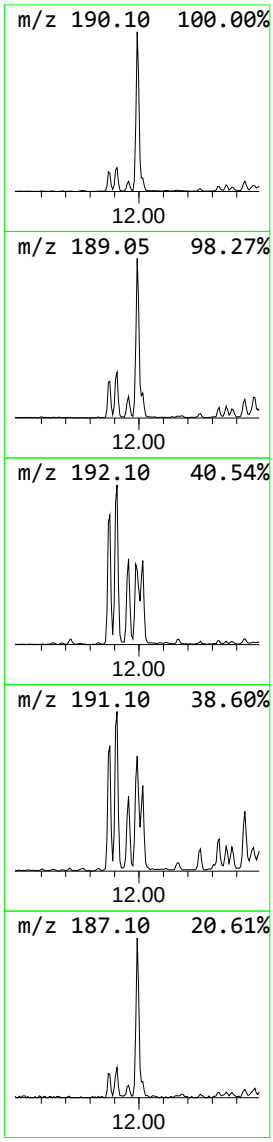
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	16.05 ng	554048	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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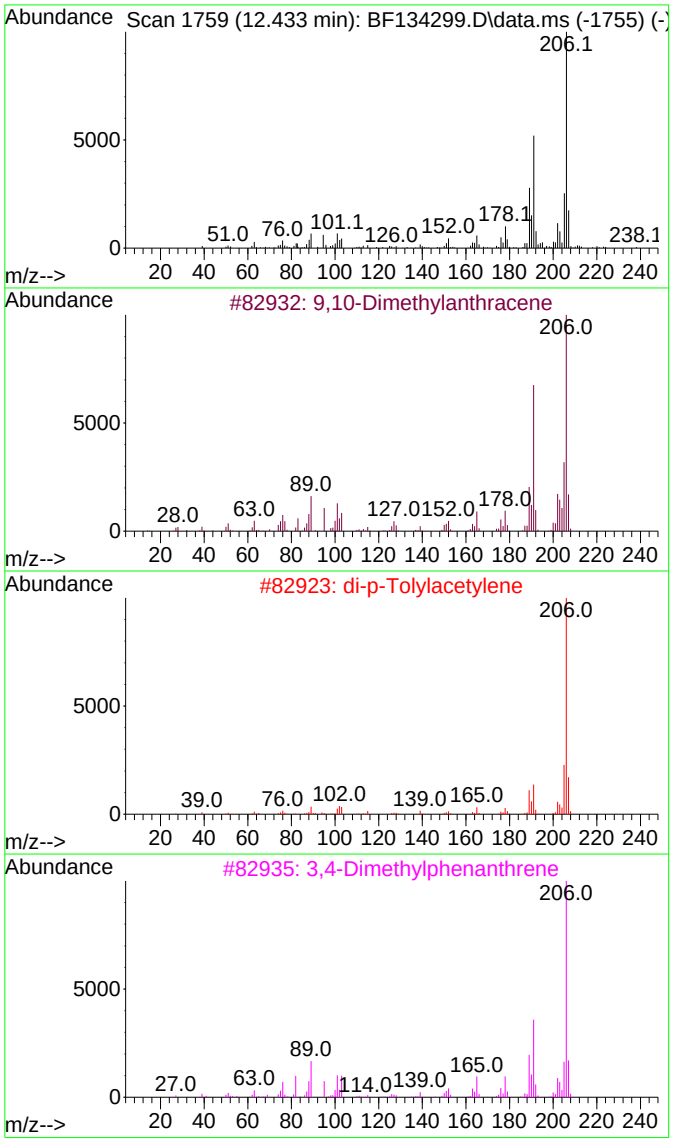
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

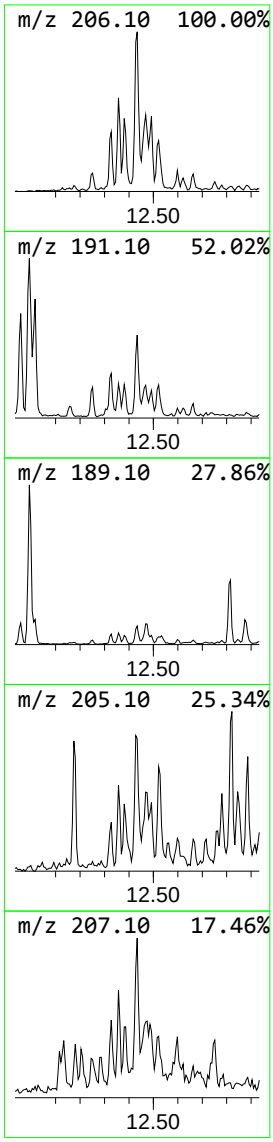
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	6.09 ng	210172	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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ALS Vial : 9 Sample Multiplier: 1

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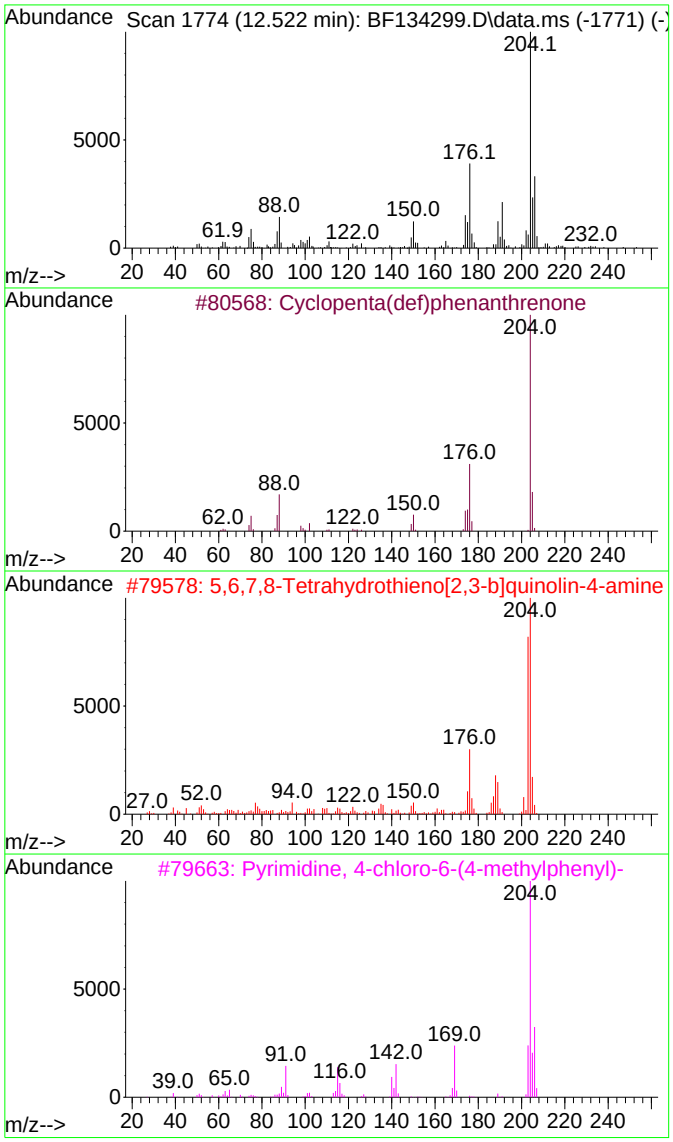
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

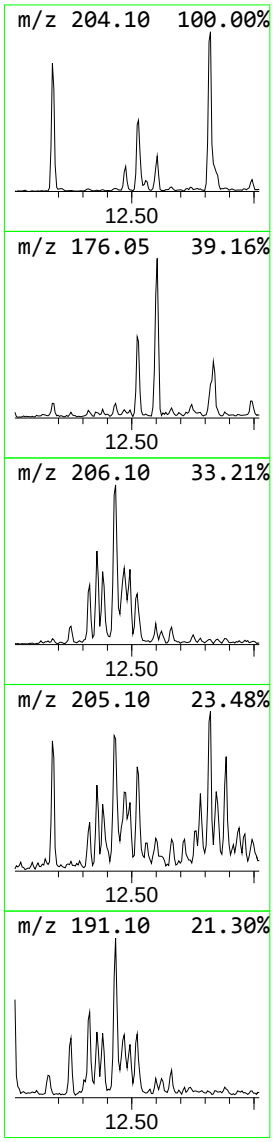
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	6.12 ng	211355	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43





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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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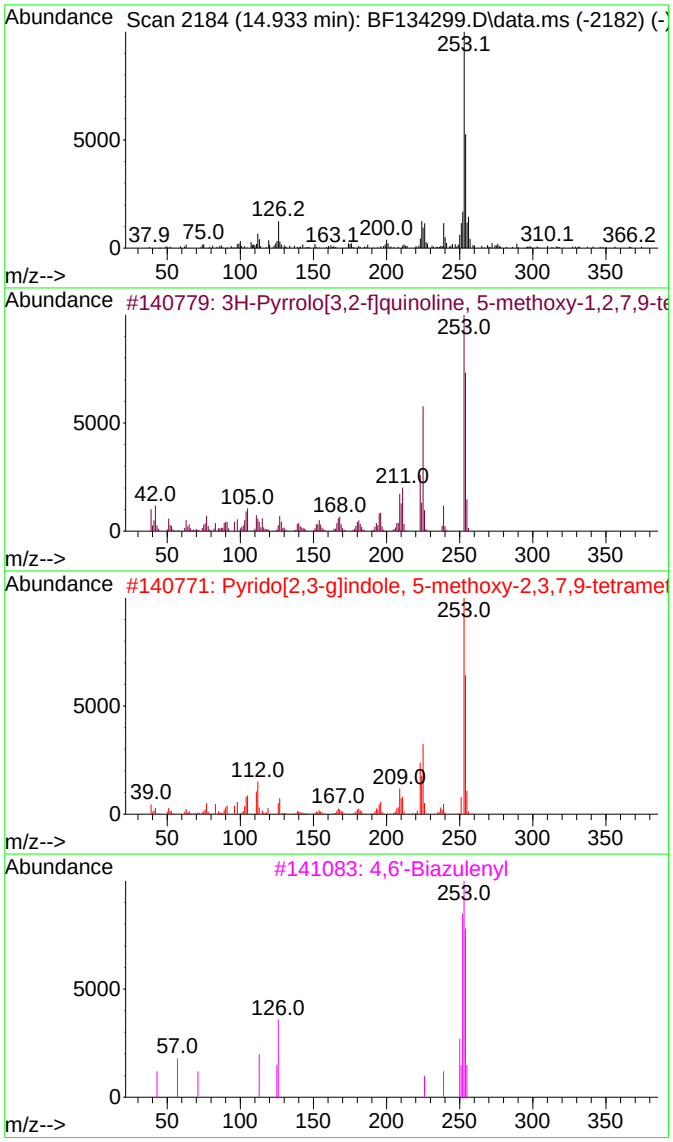
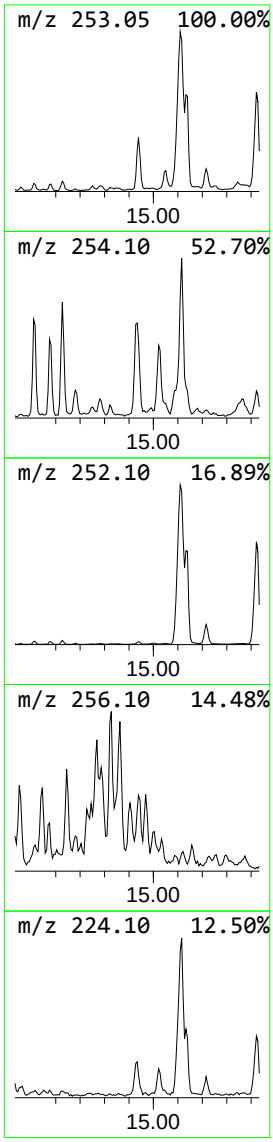
Peak Number 15 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	6.13 ng	132987	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	72
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	72
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	64
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	49





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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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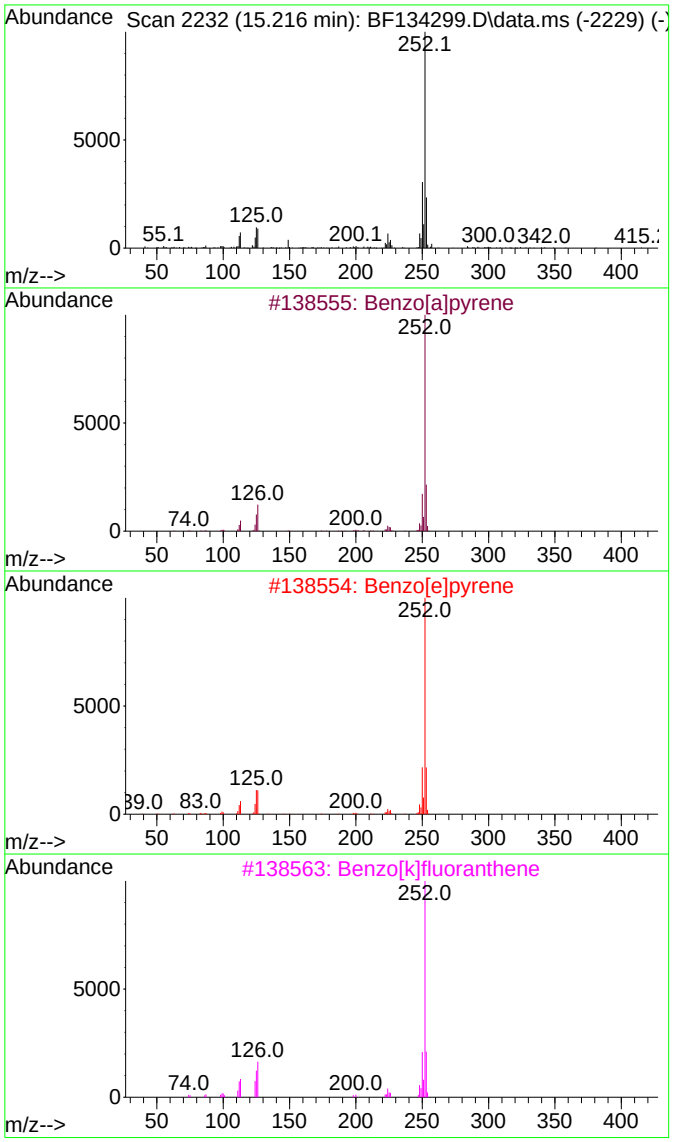
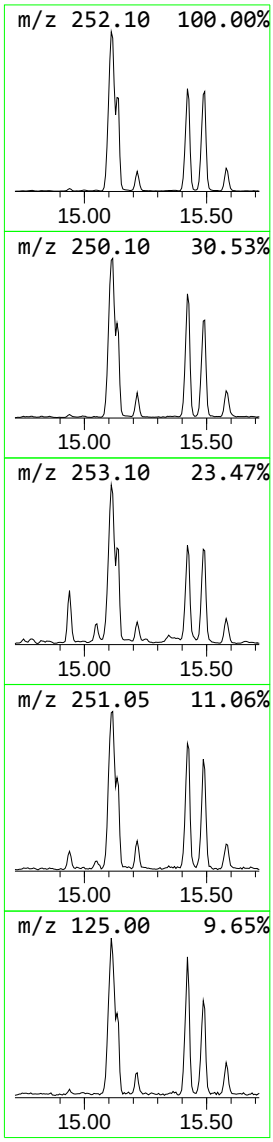
Peak Number 16 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	6.72 ng	145765	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76





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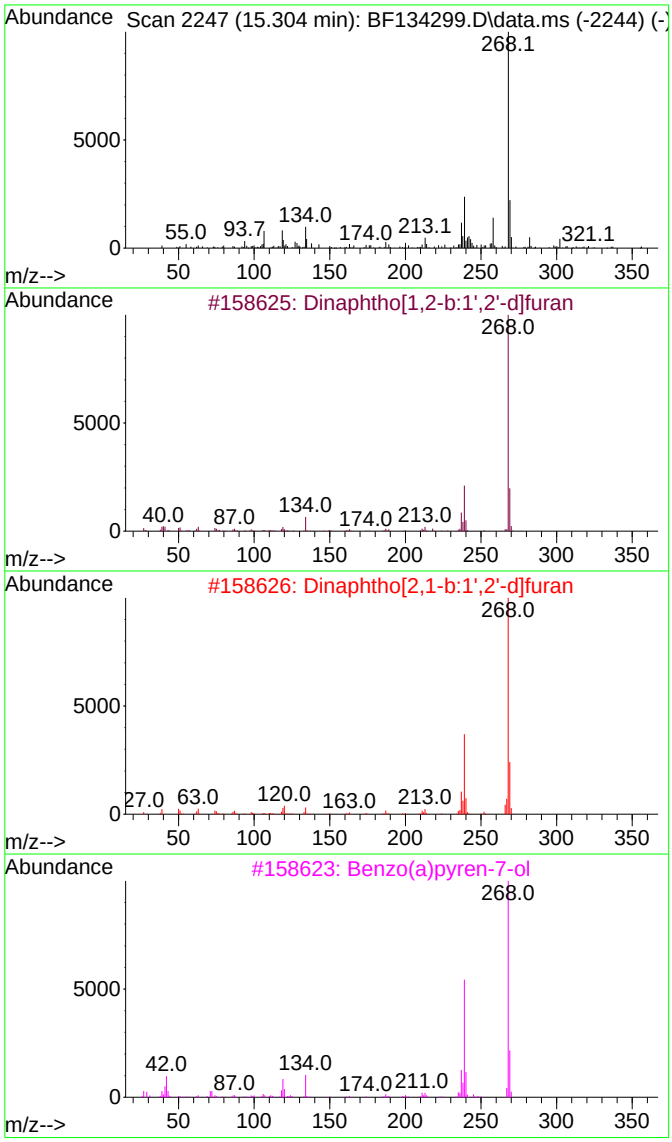
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

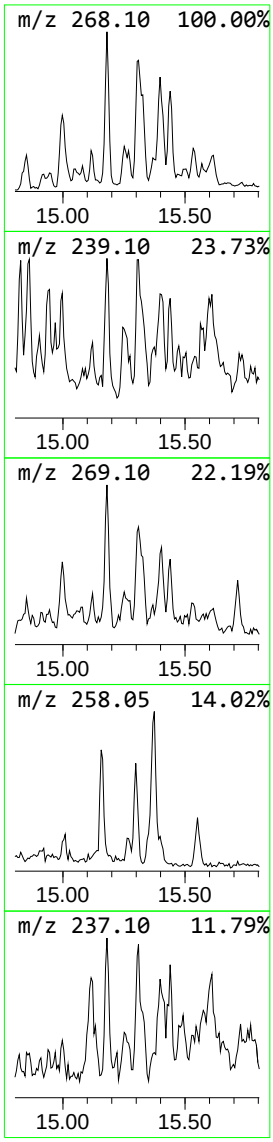
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	6.63 ng	143825	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	81
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	62
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	59
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53





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Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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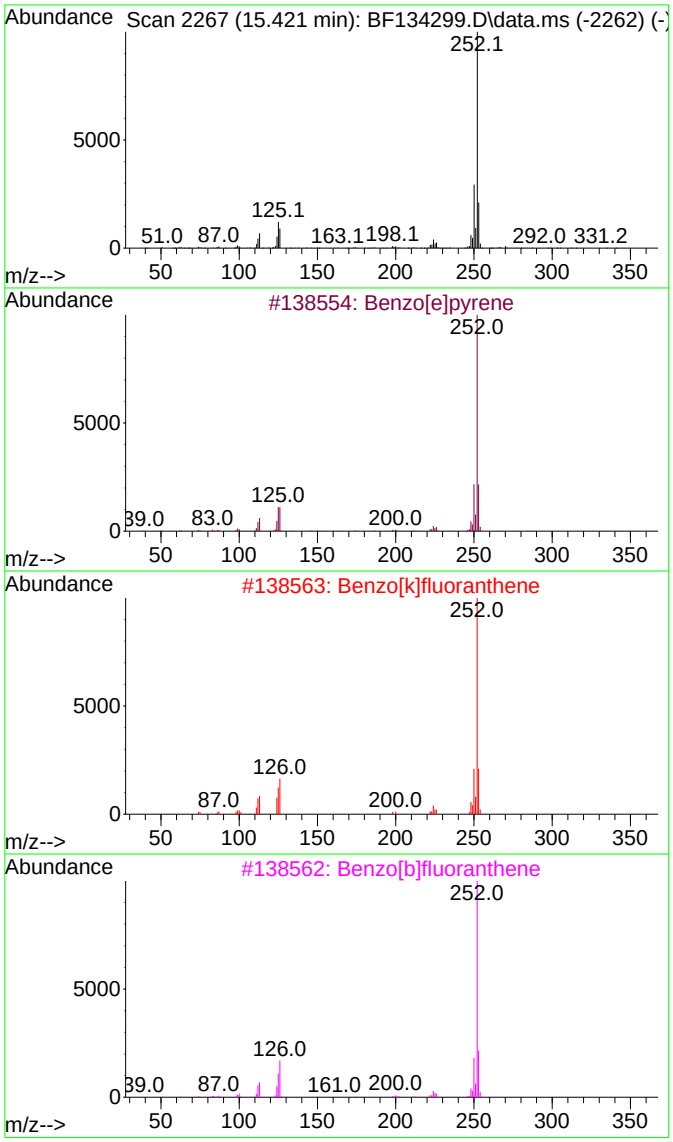
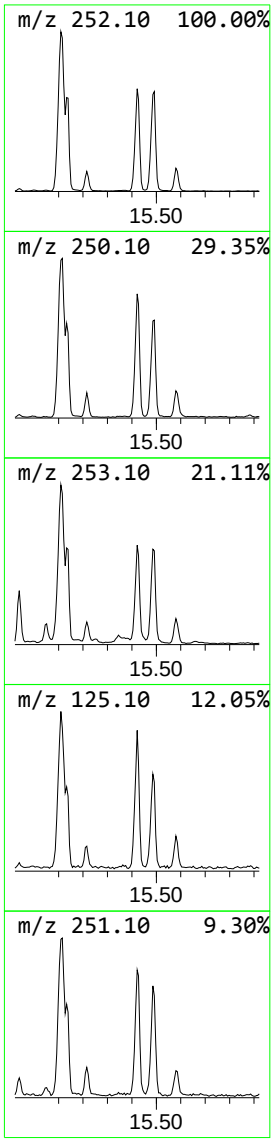
Peak Number 18 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	55.71 ng	1208430	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

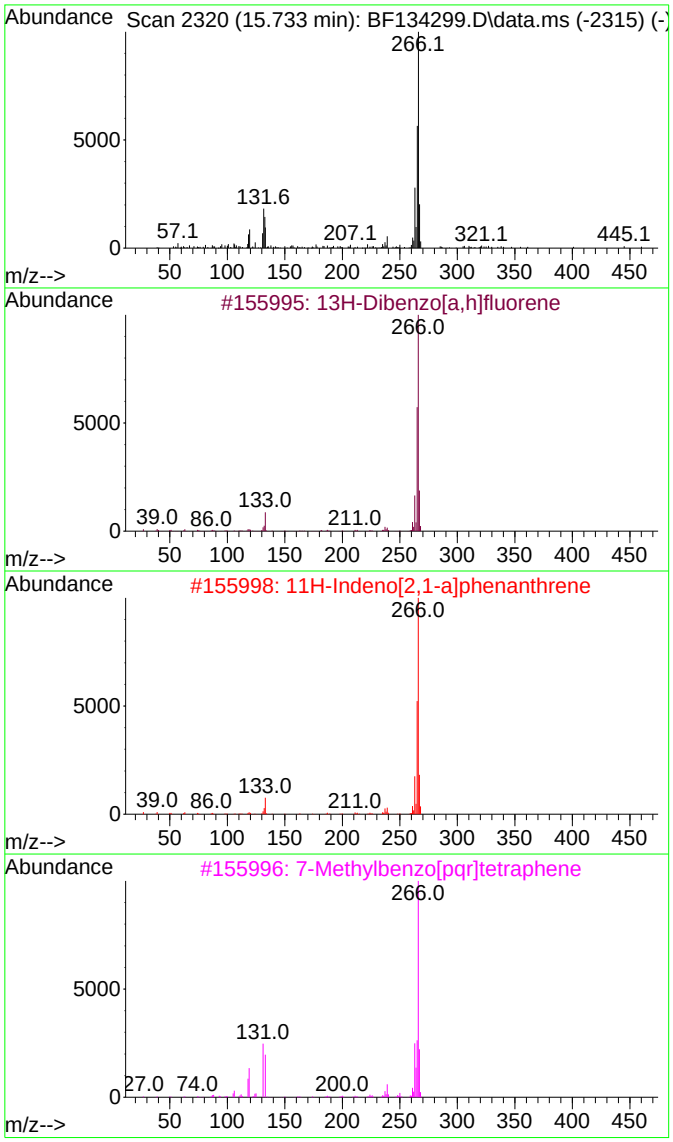
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

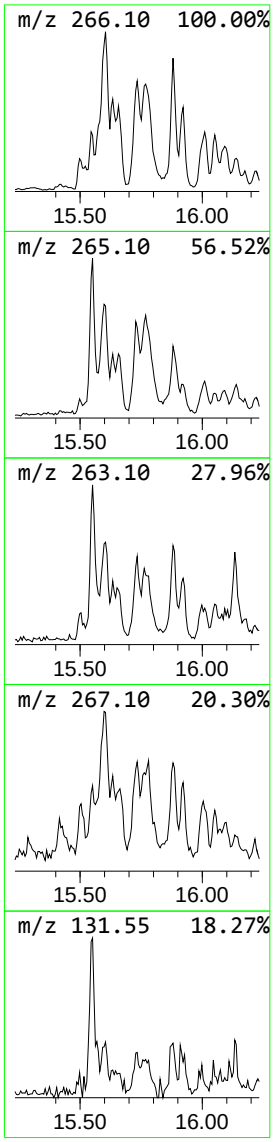
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 13H-Dibenzo[a,h]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	5.48 ng	118915	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	76
3	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	64
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	58
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

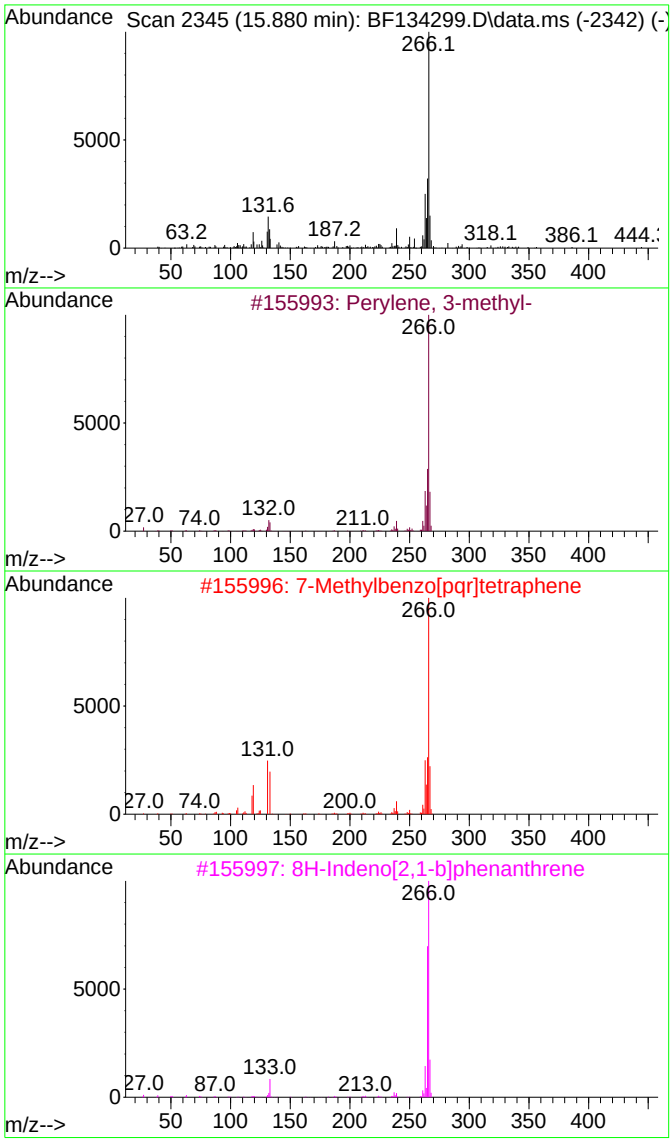
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

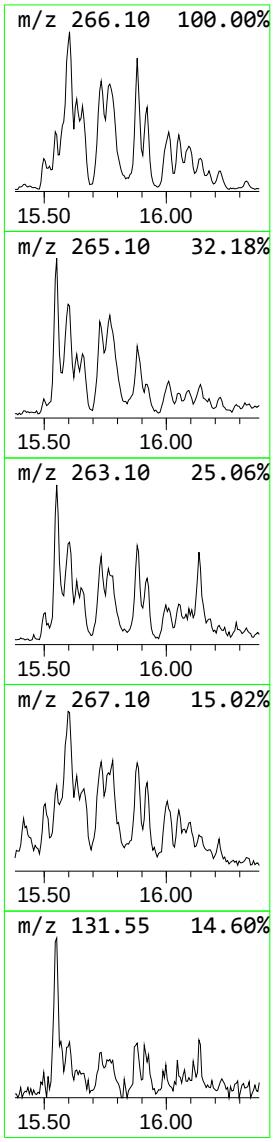
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Perylene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	5.72 ng	124047	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	70
2	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	58
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	50
4	Propenone, 1-(4H-1,3-benzodioxin...	266	C17H14O3	126266-85-1	49
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134299.D
Acq On : 14 Jul 2023 20:11
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Cyclohexene	2.158	456.6	ng	11161900	1	6.840	488888	20.0
Formamide, N,N-...	4.169	10.7	ng	261383	1	6.840	488888	20.0
2-Cyclohexen-1-ol	5.657	36.6	ng	895231	1	6.840	488888	20.0
2-Cyclohexen-1-one	6.104	41.0	ng	1001910	1	6.840	488888	20.0
unknown6.951	6.951	9.4	ng	228971	1	6.840	488888	20.0
2-Chlorocyclohe...	6.998	37.0	ng	903141	1	6.840	488888	20.0
Tridecane	8.710	10.3	ng	293422	2	8.122	568919	20.0
Benzophenone	10.592	10.6	ng	326806	3	9.881	616703	20.0
Phenanthrene, 1...	11.881	8.3	ng	288212	4	11.375	690565	20.0
Phenanthrene, 2...	11.904	21.9	ng	754389	4	11.375	690565	20.0
Anthracene, 1-m...	11.957	6.3	ng	217344	4	11.375	690565	20.0
4H-Cyclopenta[d...	11.992	16.1	ng	554048	4	11.375	690565	20.0
9,10-Dimethylan...	12.433	6.1	ng	210172	4	11.375	690565	20.0
Cyclopenta(def)...	12.522	6.1	ng	211355	4	11.375	690565	20.0
3H-Pyrrolo[3,2-...	14.933	6.1	ng	132987	6	15.551	433821	20.0
Benzo[e]pyrene	15.216	6.7	ng	145765	6	15.551	433821	20.0
Dinaphtho[1,2-b...	15.304	6.6	ng	143825	6	15.551	433821	20.0
Perylene	15.421	55.7	ng	1208430	6	15.551	433821	20.0
13H-Dibenzo[a,h...	15.733	5.5	ng	118915	6	15.551	433821	20.0
Perylene, 3-met...	15.880	5.7	ng	124047	6	15.551	433821	20.0