LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-STOCK

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	21	29	38	rVB	577498	772032	27.79%	2.828%
2	2.369	43	48	58	rBV	41129	51823	1.87%	0.190%
3	4.546	414	418	424	rVB	89203	95873	3.45%	0.351%
4	5.175	517	525	528	rBV	1287990	1881953	67.74%	6.893%
5	5.563	585	591	594	rBV	2068921	2000118	72.00%	7.326%
6	5.951	654	657	661	rVB	171973	138168	4.97%	0.506%
7	6.563	755	761	764	rBV	1703315	2024022	72.86%	7.413%
8	6.940	822	825	829	rVB	614619	485185	17.46%	1.777%
9	7.510	916	922	925	rBV	1328022	1343077	48.34%	4.919%
10	8.228	1040	1044	1048	rBV	821777	785475	28.27%	2.877%
11	8.816	1141	1144	1148	rVB	37855	31207	1.12%	0.114%
12	9.316	1223	1229	1232	rBV	2872465	2778112	100.00%	10.175%
13	9.386	1237	1241	1244	rBV	52213	46903	1.69%	0.172%
14	9.857	1317	1321	1324	rBV	51023	40762	1.47%	0.149%
15	9.916	1326	1331	1334	rVB	33766	33727	1.21%	0.124%
16	9.998	1334	1345	1348	rBV	1060788	905646	32.60%	3.317%
17	10.192	1373	1378	1382	rVB3	40983	60193	2.17%	0.220%
18	10.404	1409	1414	1415	rBV3	22534	33188	1.19%	0.122%
19	10.539	1433	1437	1443	rBV4	21031	31791	1.14%	0.116%
20	10.639	1451	1454	1461	rVB4	23497	37782	1.36%	0.138%
21	10.716	1461	1467	1470	rBV	236273	206449	7.43%	0.756%
22	10.792	1474	1480	1483	rBV	1757577	1621236	58.36%	5.938%
23	10.910	1495	1500	1507	rVB5	54691	94154	3.39%	0.345%
24	11.098	1526	1532	1534	rBV5	19701	36710	1.32%	0.134%
25	11.292	1562	1565	1568	rBV2	35566	34986	1.26%	0.128%
26	11.345	1571	1574	1576	rVV2	37546	35433	1.28%	0.130%
27	11.386	1576	1581	1585	rVB4	24081	42107	1.52%	0.154%
28	11.439	1585	1590	1592	rBV4	28713	31255	1.13%	0.114%
29	11.492	1595	1599	1601	rBV	955256	808365	29.10%	2.961%
30	11.516	1601	1603	1606	rVB	305291	223446	8.04%	0.818%
31	11.569	1606	1612	1614	rBV	74202	69536	2.50%	0.255%
32	11.722	1634	1638	1644	rBV2	43866	64189	2.31%	0.235%
33	11.822	1653	1655	1660	rVB3	34143	38816	1.40%	0.142%
34	11.998	1679	1685	1686	rBV	118202	115788	4.17%	0.424%
35	12.016	1686	1688	1693	rVV2	205013	275501	9.92%	1.009%
36	12.069	1695	1697	1701	rVV2	55637	74269	2.67%	0.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.110	1701	1704	1706	rVV2	125407	148674	5.35%	0.545%
38	12.133	1706	1708	1711	rVB	60729	50964	1.83%	0.187%
39	12.292	1731	1735	1737	rVV	70434	67832	2.44%	0.248%
40	12.316	1737	1739	1743	rVB2	45174	38763	1.40%	0.142%
41	12.551	1776	1779	1782	rBV	91560	102783	3.70%	0.376%
42	12.580	1782	1784	1787	rVV3	59839	78335	2.82%	0.287%
43	12.633	1790	1793	1798	rVB	79319	85934	3.09%	0.315%
44	12.716	1803	1807	1810	rVB	743351	626593	22.55%	2.295%
45	12.804	1820	1822	1825	rVB	60631	50461	1.82%	0.185%
46	12.945	1843	1846	1852	rVB	660242	545193	19.62%	1.997%
47	12.992	1852	1854	1859	rVB2	42850	51968	1.87%	0.190%
48	13.063	1863	1866	1867	rBV	38166	37127	1.34%	0.136%
49	13.086	1867	1870	1874	rVV	2027261	1997634	71.91%	7.317%
50	13.163	1878	1883	1887	rBV3	70850	114136	4.11%	0.418%
51	13.251	1894	1898	1899	rBV3	65456	83774	3.02%	0.307%
52	13.274	1899	1902	1906	rVV2	129884	180445	6.50%	0.661%
53	13.310	1906	1908	1911	rVV	58009	53583	1.93%	0.196%
54	13.339	1911	1913	1915	rVV	48814	36366	1.31%	0.133%
55	13.374	1915	1919	1922	rVV2	93451	102527	3.69%	0.376%
56	13.474	1933	1936	1938	rBV	50166	43839	1.58%	0.161%
57	13.504	1938	1941	1944	rVV2	46120	46887	1.69%	0.172%
58	13.657	1963	1967	1969	rBV4	55650	63689	2.29%	0.233%
59	13.680	1969	1971	1976	rVB5	31321	39034	1.41%	0.143%
60	13.780	1986	1988	1994	rVB	108124	101401	3.65%	0.371%
61	13.898	2003	2008	2011	rBV2	68718	99308	3.57%	0.364%
62	13.927	2011	2013	2015	rVV	66215	56786	2.04%	0.208%
63	13.951	2015	2017	2021	rVV2	51994	63792	2.30%	0.234%
64	13.992	2021	2024	2027	rVB2	118555	117742	4.24%	0.431%
65	14.057	2027	2035	2043	rBV6	124561	369737	13.31%	1.354%
66	14.151	2043	2051	2053	rVV2	747428	1013991	36.50%	3.714%
67	14.174	2053	2055	2061	rVB	354567	342412	12.33%	1.254%
68	14.245	2063	2067	2071	rBV3	90714	115178	4.15%	0.422%
69	14.304	2073	2077	2080	rVV3	57477	65497	2.36%	0.240%
70	14.539	2112	2117	2120	rBV	97764	105873	3.81%	0.388%
71	14.574	2120	2123	2126	rVB2	61056	58812	2.12%	0.215%
72	14.616	2126	2130	2133	rBV2	63536	89936	3.24%	0.329%
73	14.663	2135	2138	2141	rVV2	79679	112773	4.06%	0.413%
74	14.692	2141	2143	2147	rVB3	44217	46206	1.66%	0.169%
75	14.857	2168	2171	2174	rBV3	28771	31807	1.14%	0.116%
76	14.945	2182	2186	2190	rBV3	46294	62041	2.23%	0.227%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
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Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.021	2196	2199	2201	rBV	30689	37190	1.34%	0.136%
78	15.127	2214	2217	2221	rBV2	31194	32300	1.16%	0.118%
79	15.227	2229	2234	2238	rBV2	351105	585928	21.09%	2.146%
80	15.304	2245	2247	2251	rVB2	55505	54627	1.97%	0.200%
81	15.345	2251	2254	2257	rVB	61409	65522	2.36%	0.240%
82	15.551	2285	2289	2296	rVB	161095	212737	7.66%	0.779%
83	15.615	2296	2300	2307	rVB	194683	260089	9.36%	0.953%
84	15.686	2307	2312	2316	rBV	342329	466358	16.79%	1.708%
85	15.715	2316	2317	2325	rVB3	73267	88483	3.19%	0.324%
86	15.980	2358	2362	2367	rBV4	36287	67674	2.44%	0.248%
87	16.186	2394	2397	2402	rBV4	20929	30597	1.10%	0.112%
88	16.739	2486	2491	2494	rBV7	16541	31097	1.12%	0.114%
89	16.786	2495	2499	2509	rVB9	23596	60248	2.17%	0.221%
90	17.245	2572	2577	2587	rVB2	88196	200166	7.21%	0.733%
91	17.445	2607	2611	2616	rVB3	24926	40572	1.46%	0.149%
92	17.509	2617	2622	2625	rBV3	18839	34047	1.23%	0.125%
93	17.721	2651	2658	2669	rBV4	70513	185676	6.68%	0.680%

Sum of corrected areas: 27302421

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
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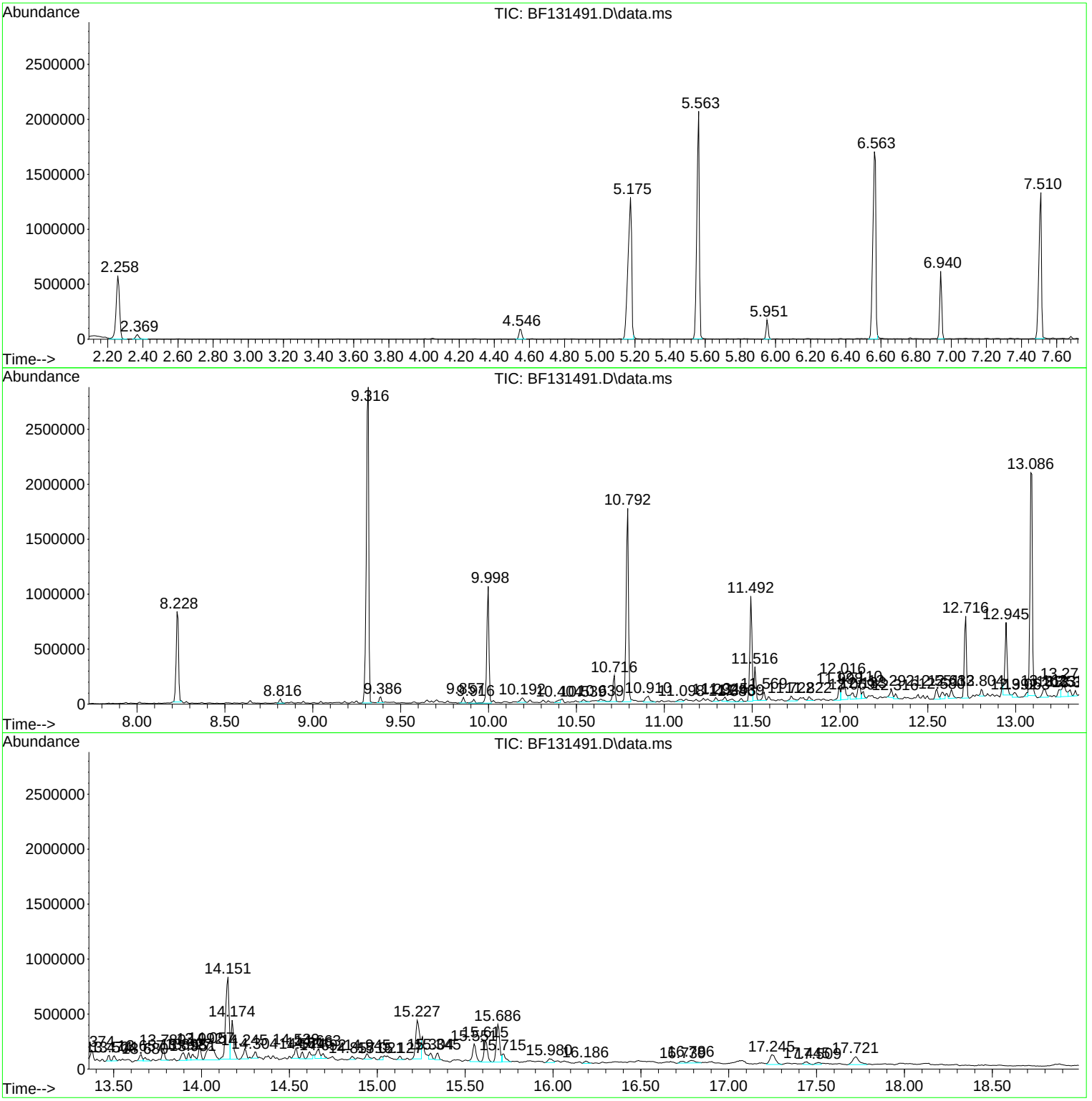
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

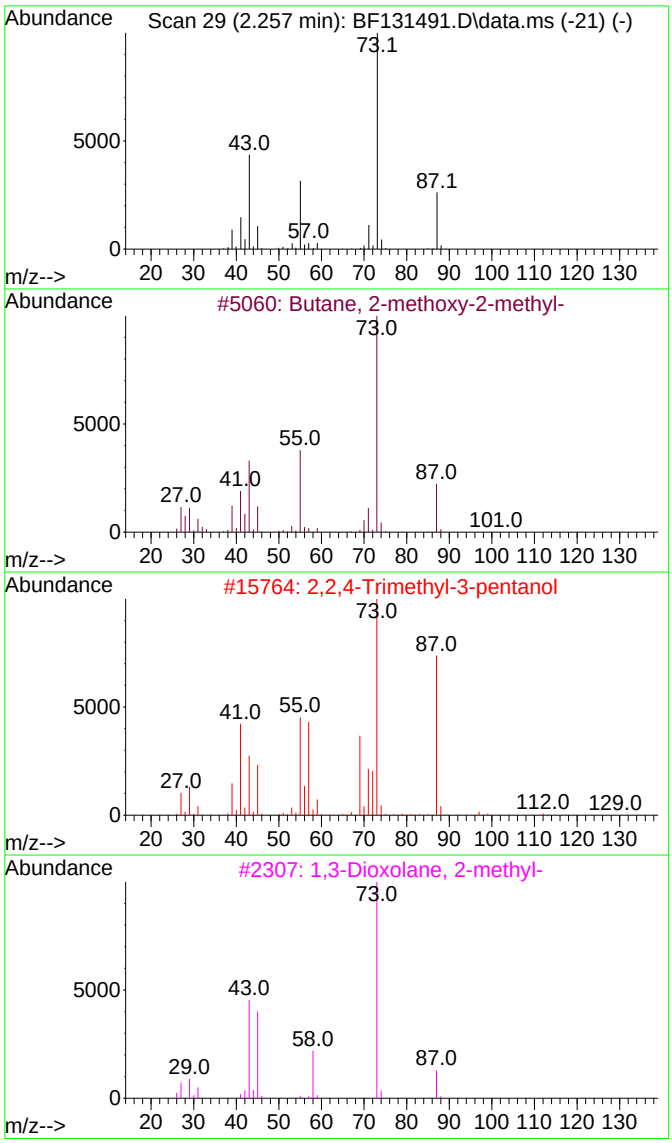
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

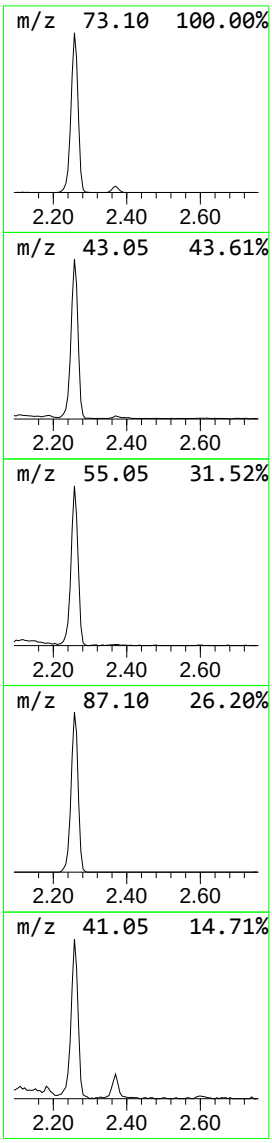
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	31.82 ng	772032	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

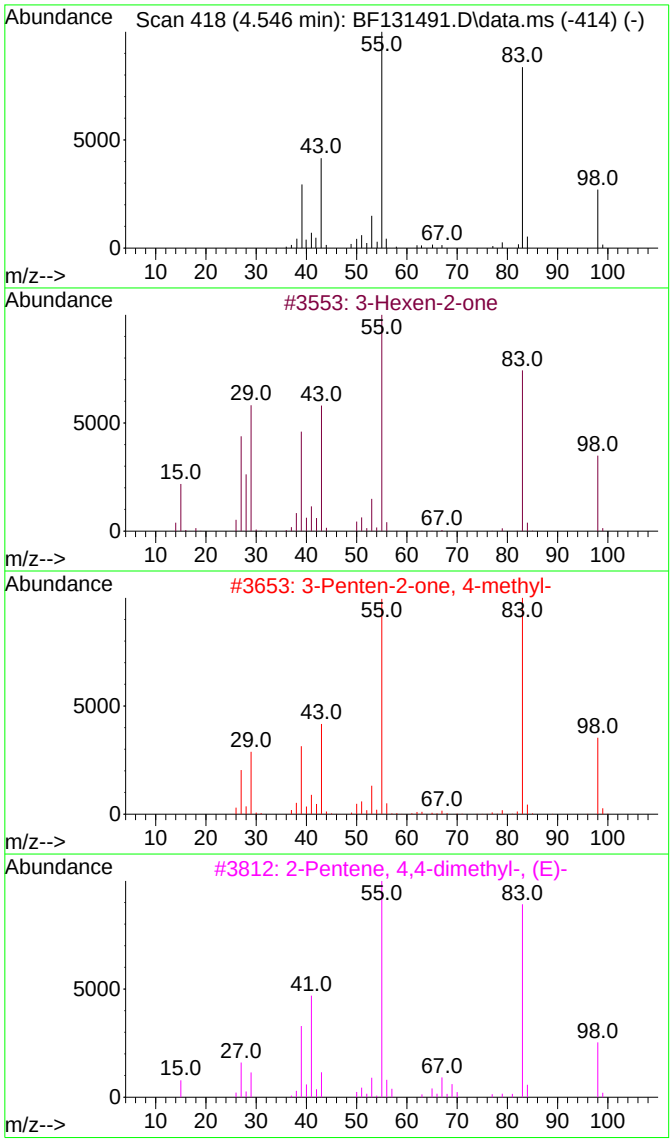
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

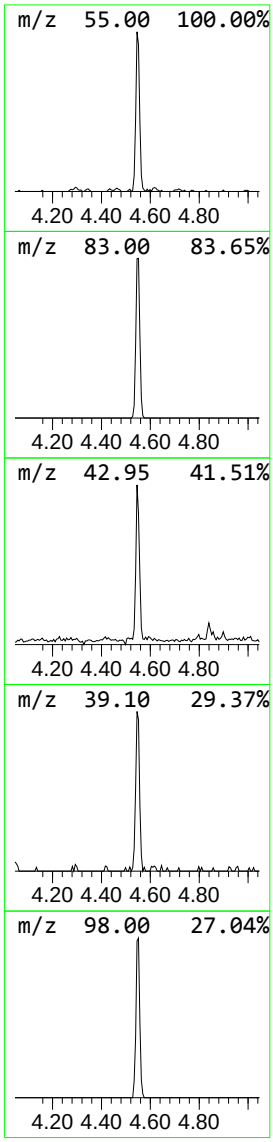
****

Peak Number 2 3-Hexen-2-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.546	3.95 ng	95873	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
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Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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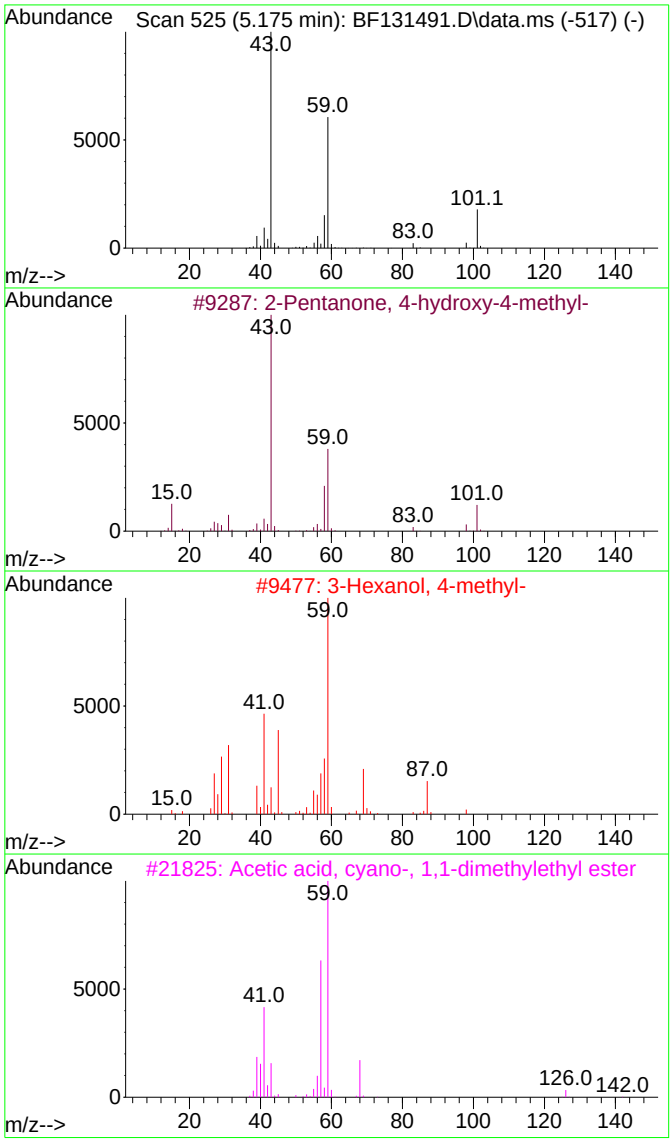
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

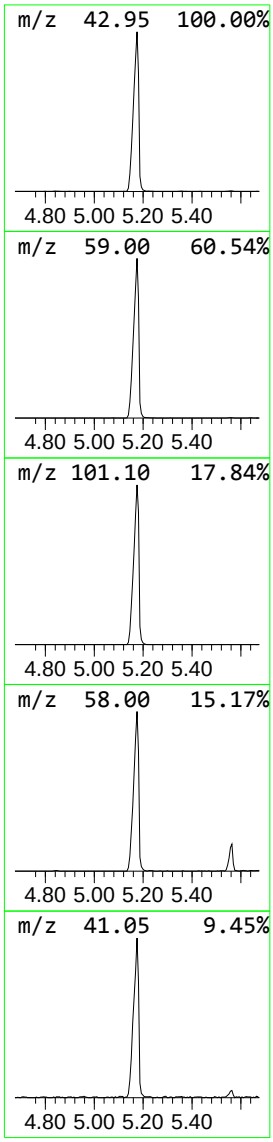
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	77.58 ng	1881950	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
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Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

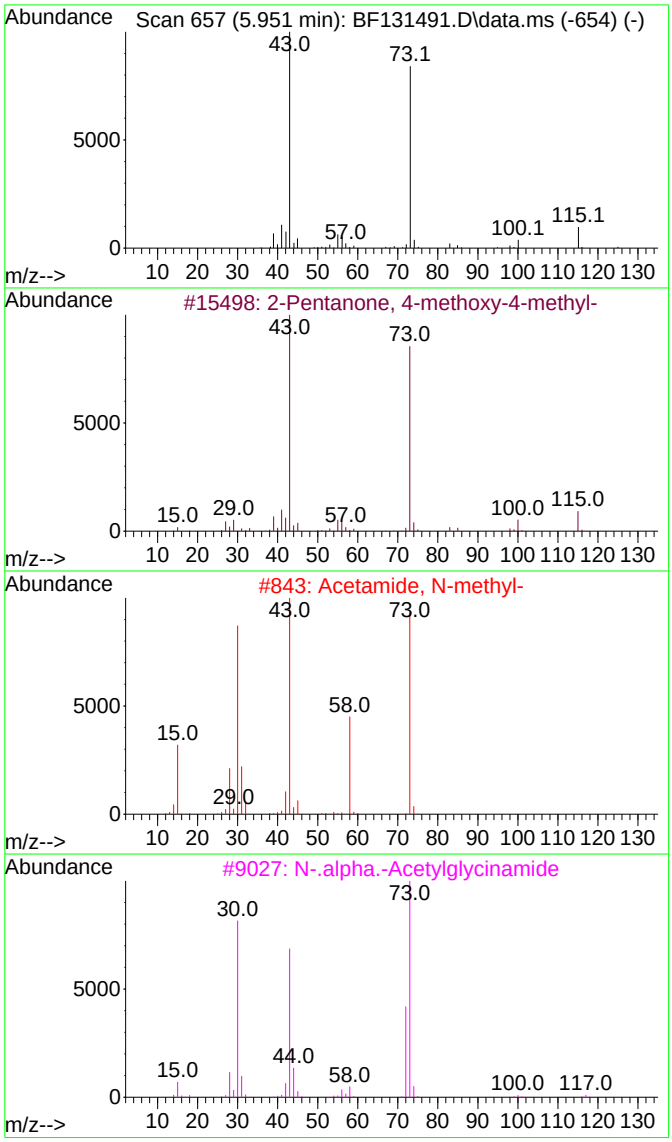
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

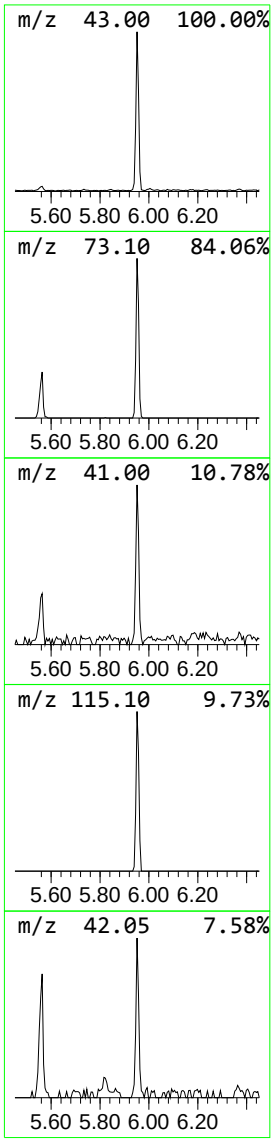
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.951	5.70 ng	138168	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

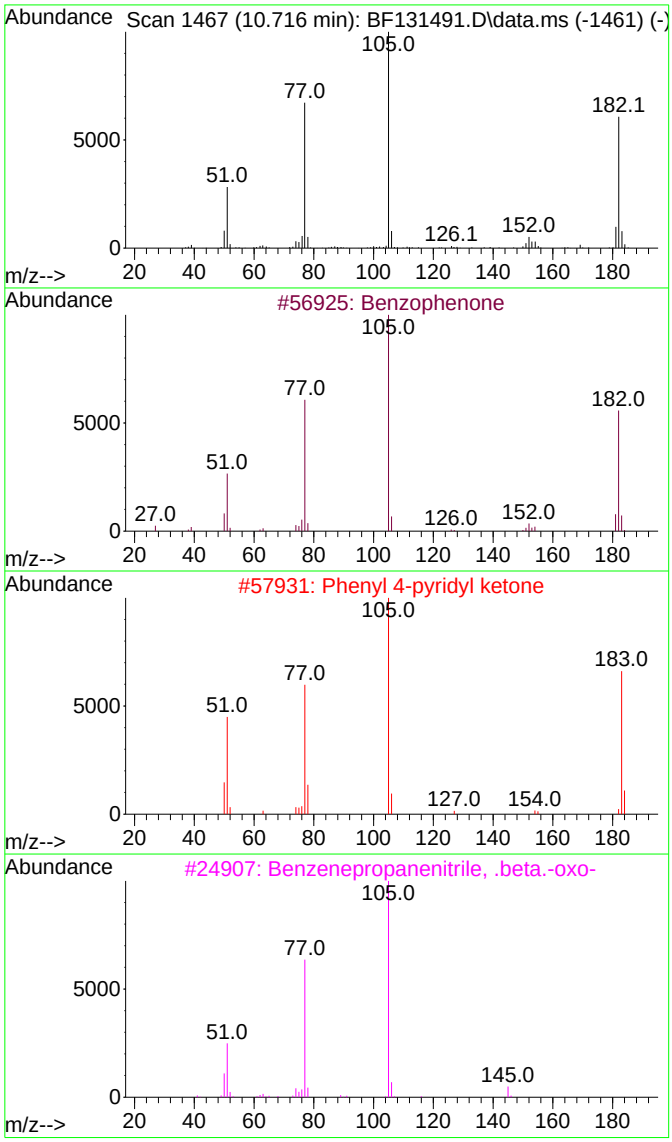
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

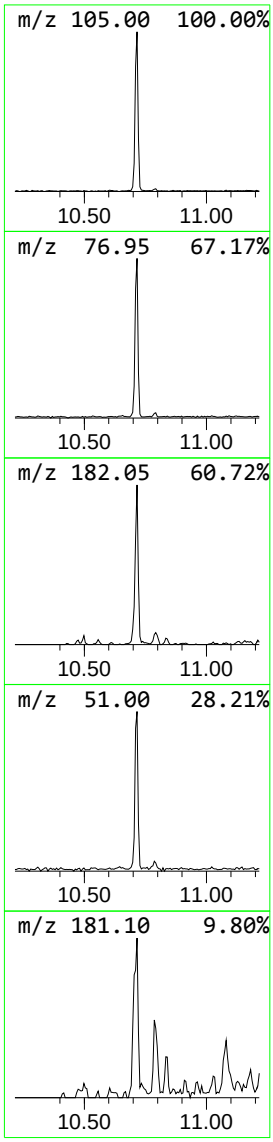
****

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	4.56 ng	206449	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

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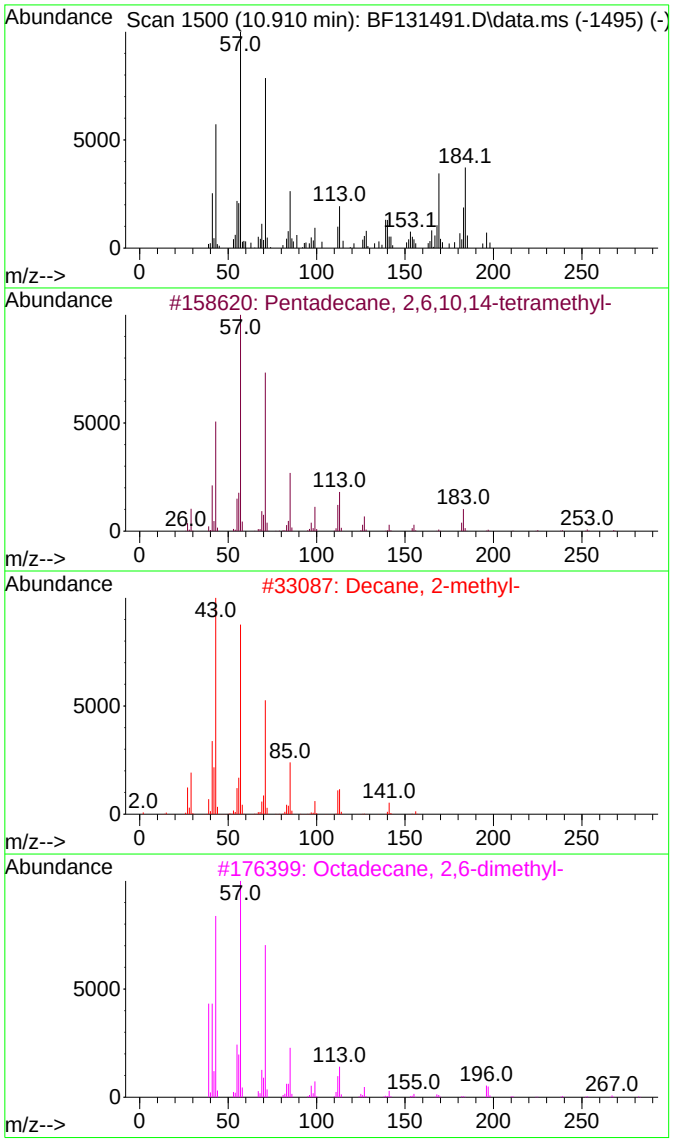
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

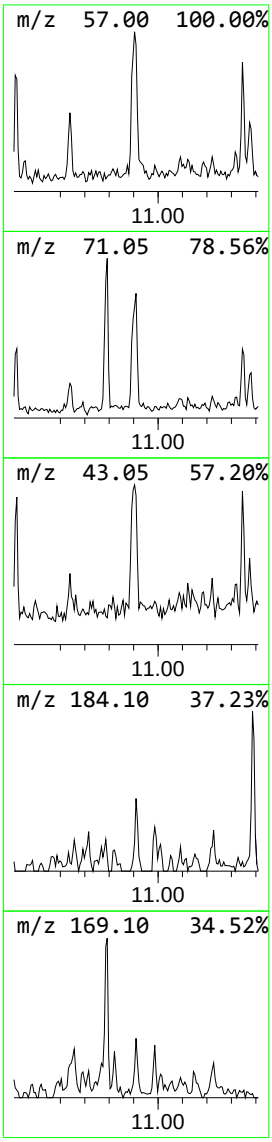
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	2.33 ng	94154	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2	Decane, 2-methyl-	156	C11H24	006975-98-0	46
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	46
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38





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Operator : CG\JU
Sample : N5804-01
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

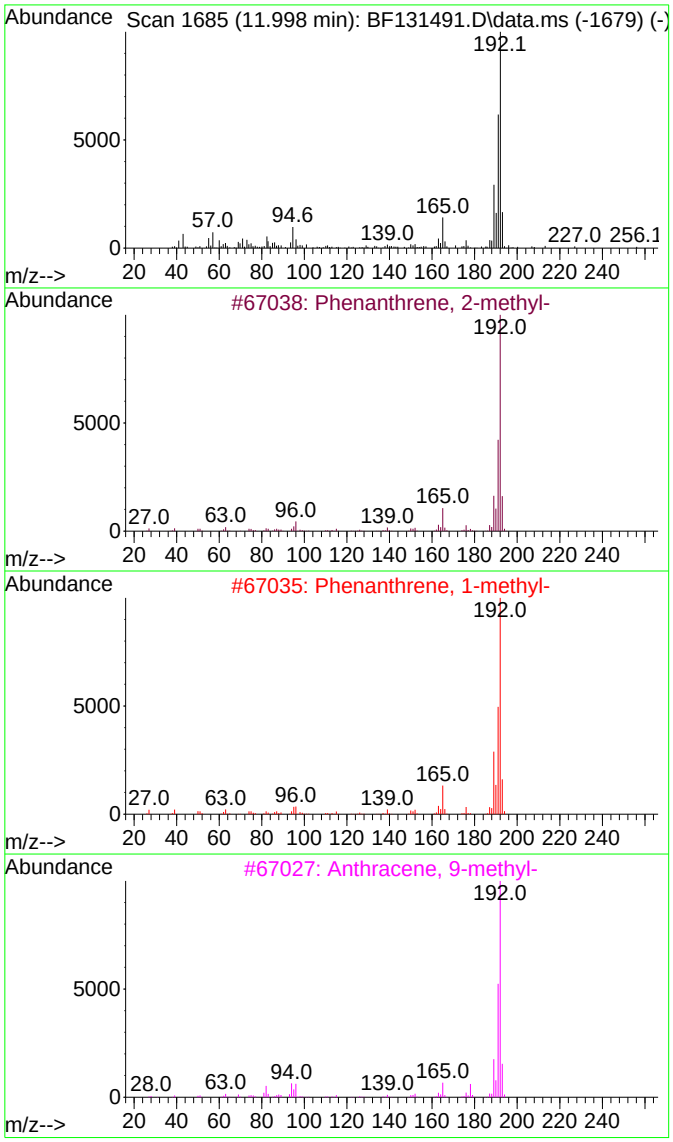
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

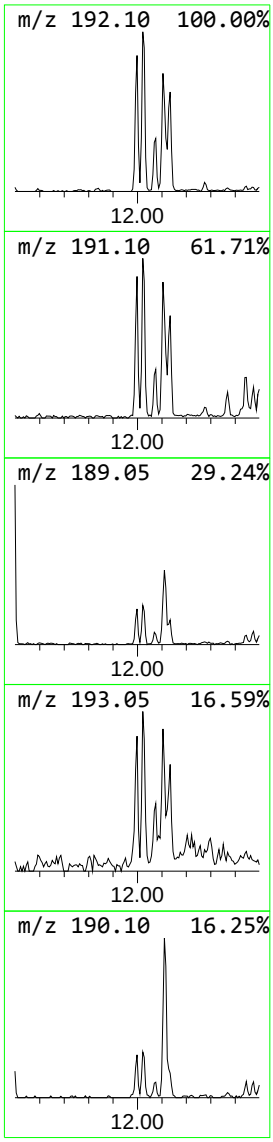
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.86 ng	115788	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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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

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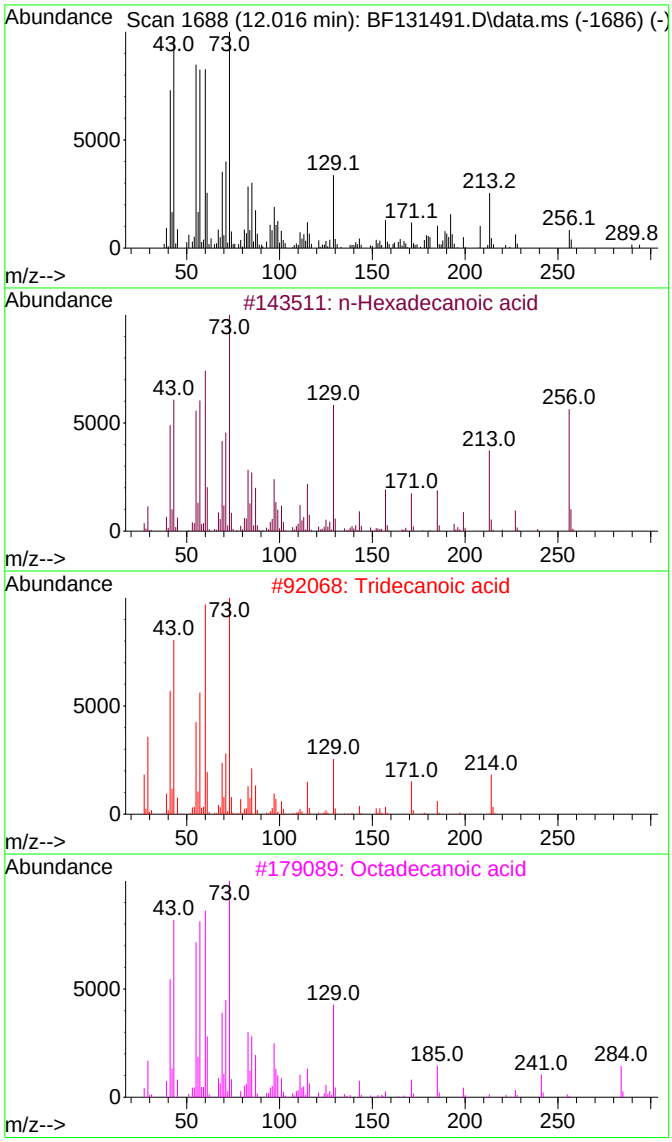
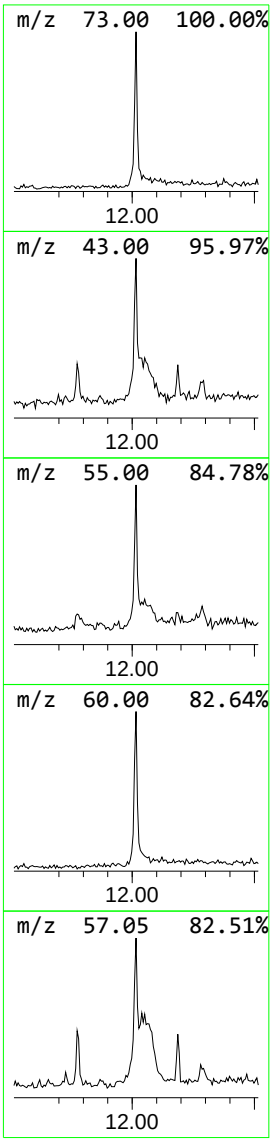
Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	6.82 ng	275501	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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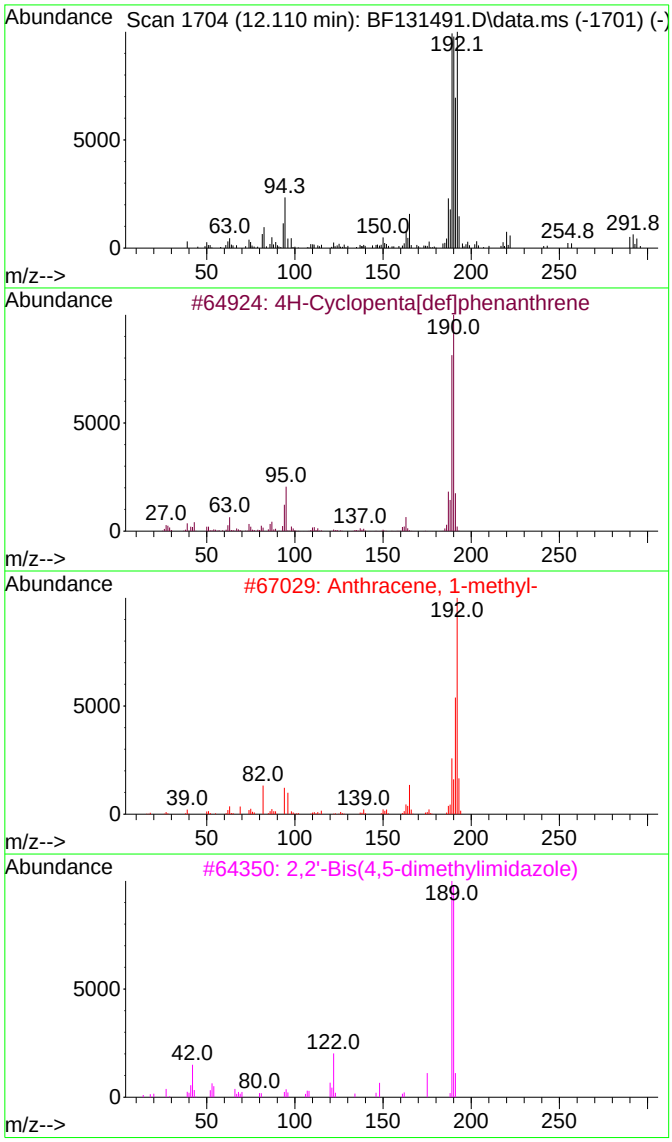
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

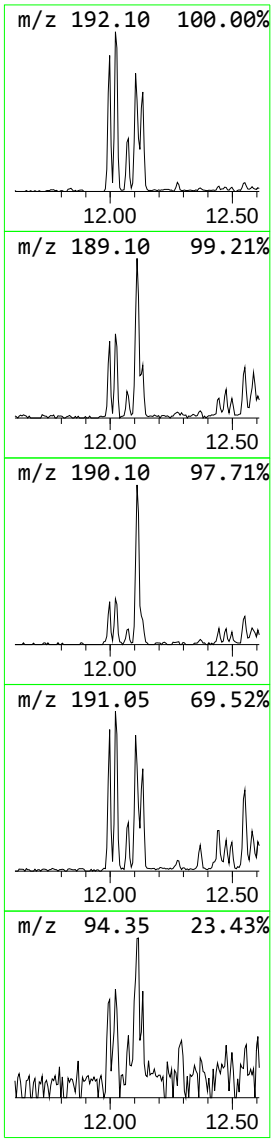
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.68 ng	148674	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	35
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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ALS Vial : 9 Sample Multiplier: 1

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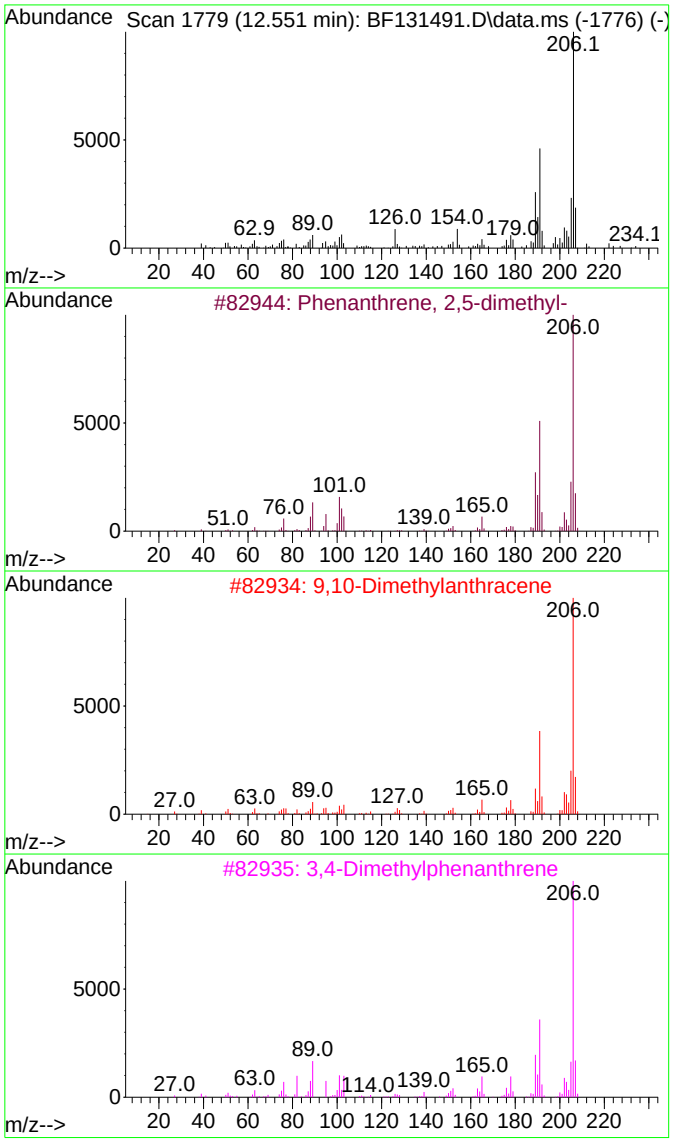
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

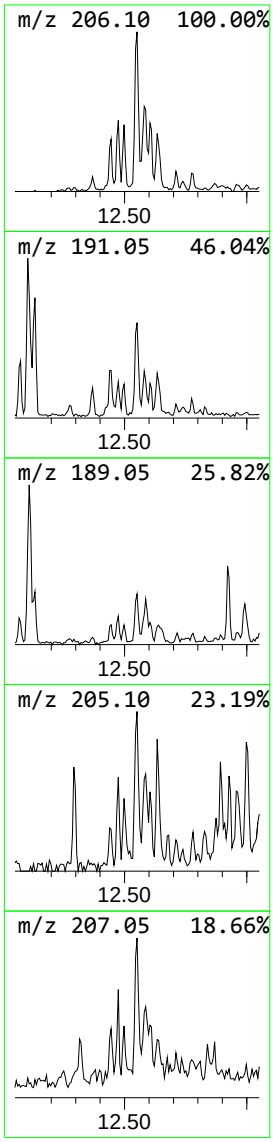
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	2.54 ng	102783	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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ALS Vial : 9 Sample Multiplier: 1

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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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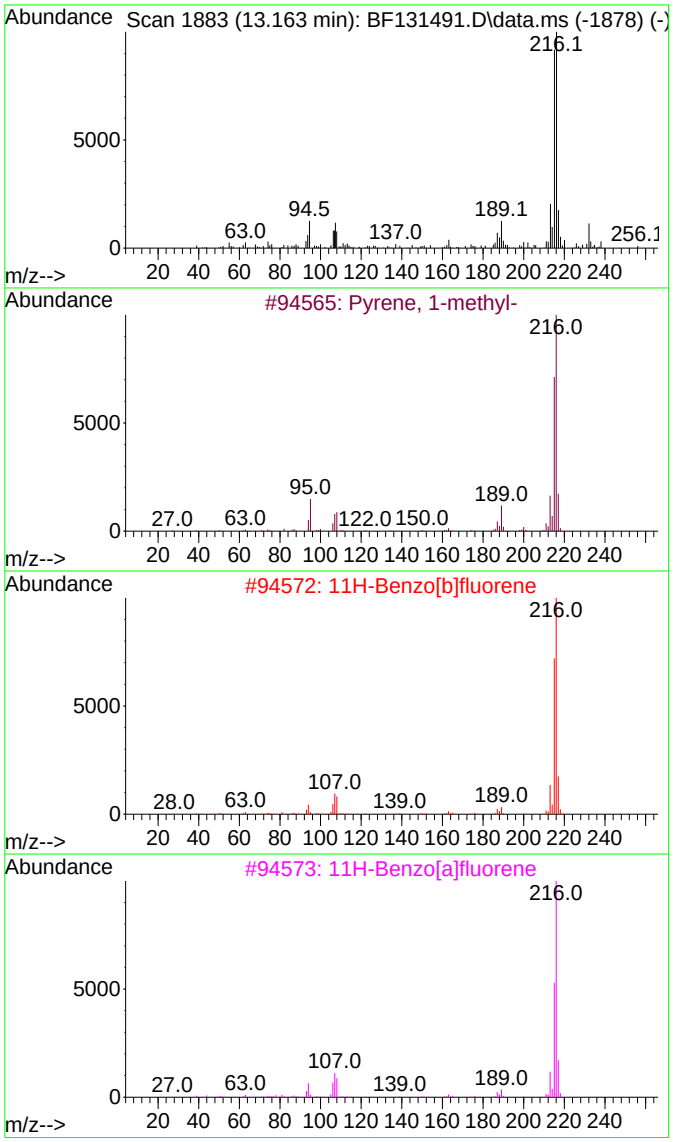
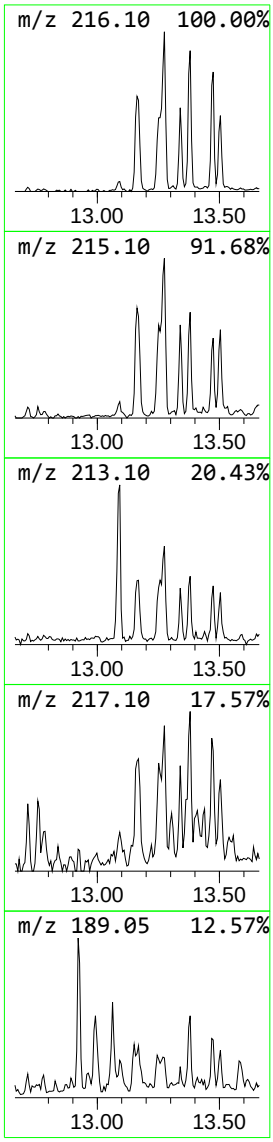
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.25 ng	114136	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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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

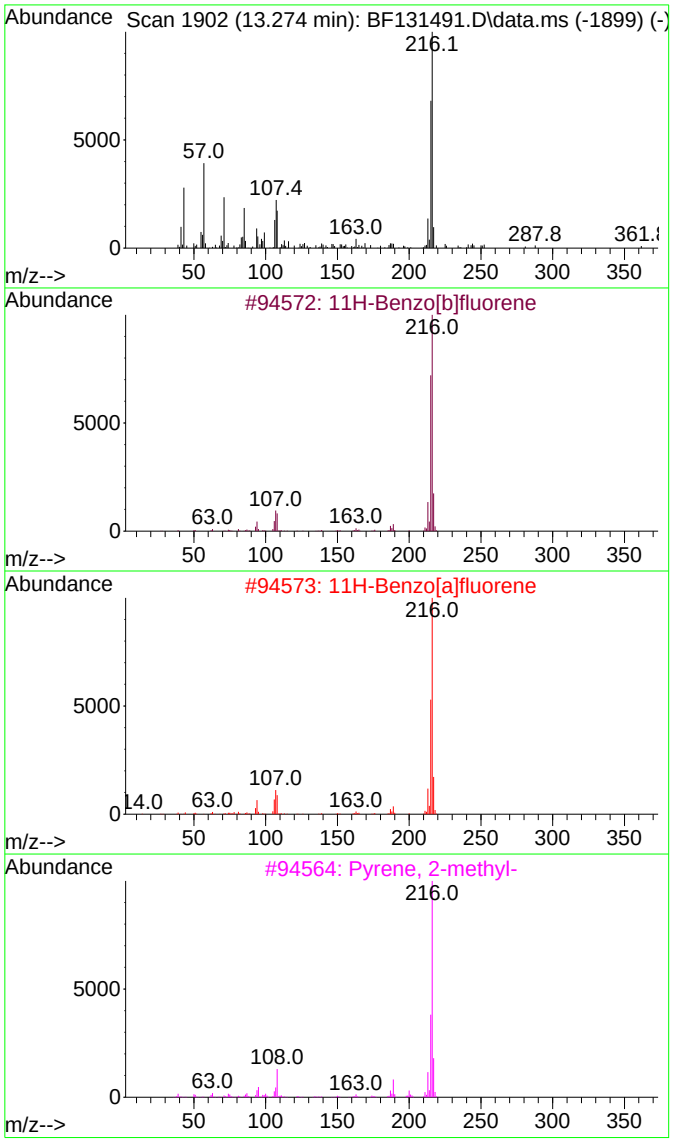
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

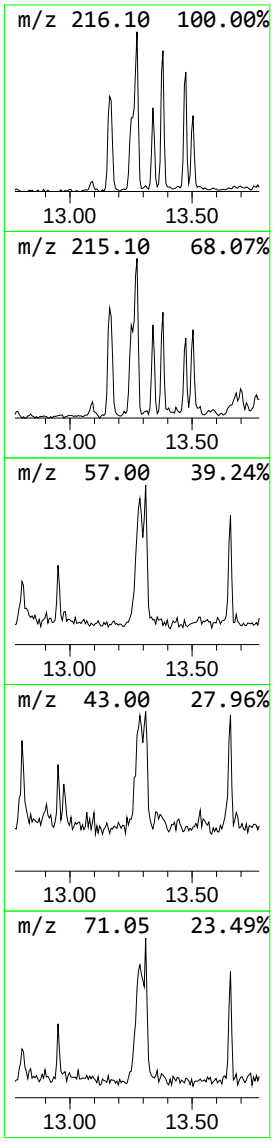
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	3.56 ng	180445	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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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

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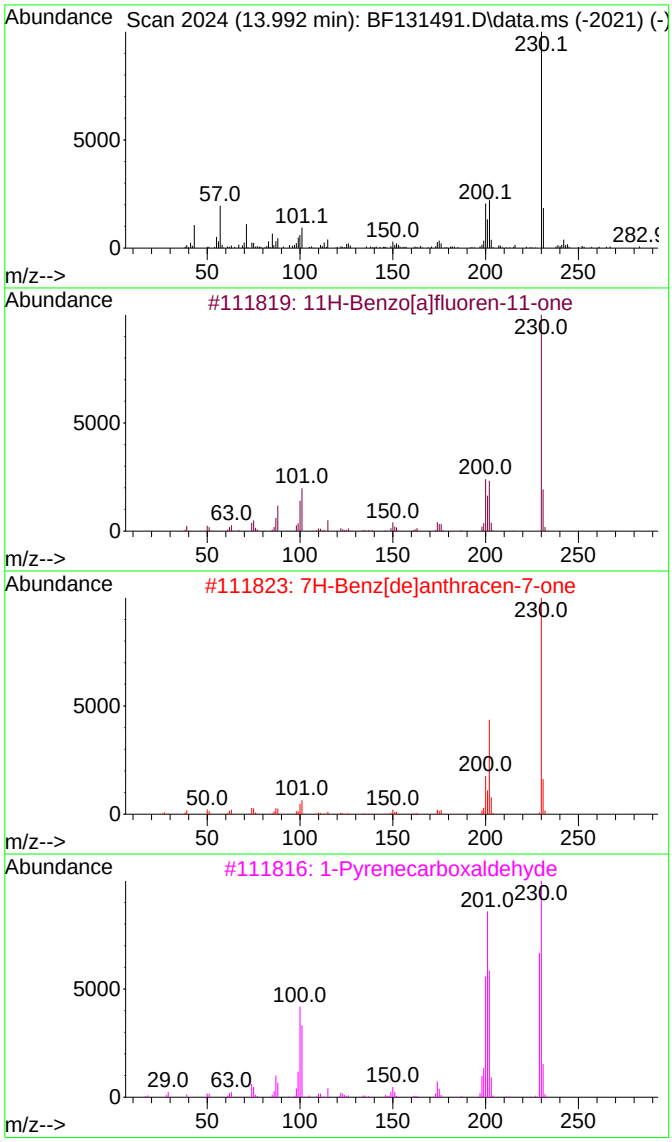
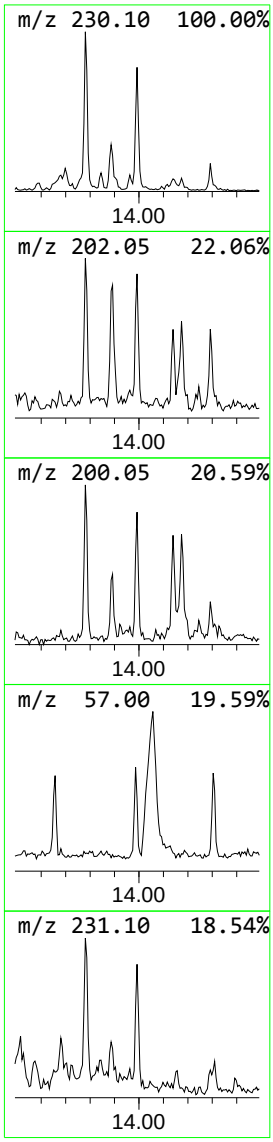
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	2.32 ng	117742	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53





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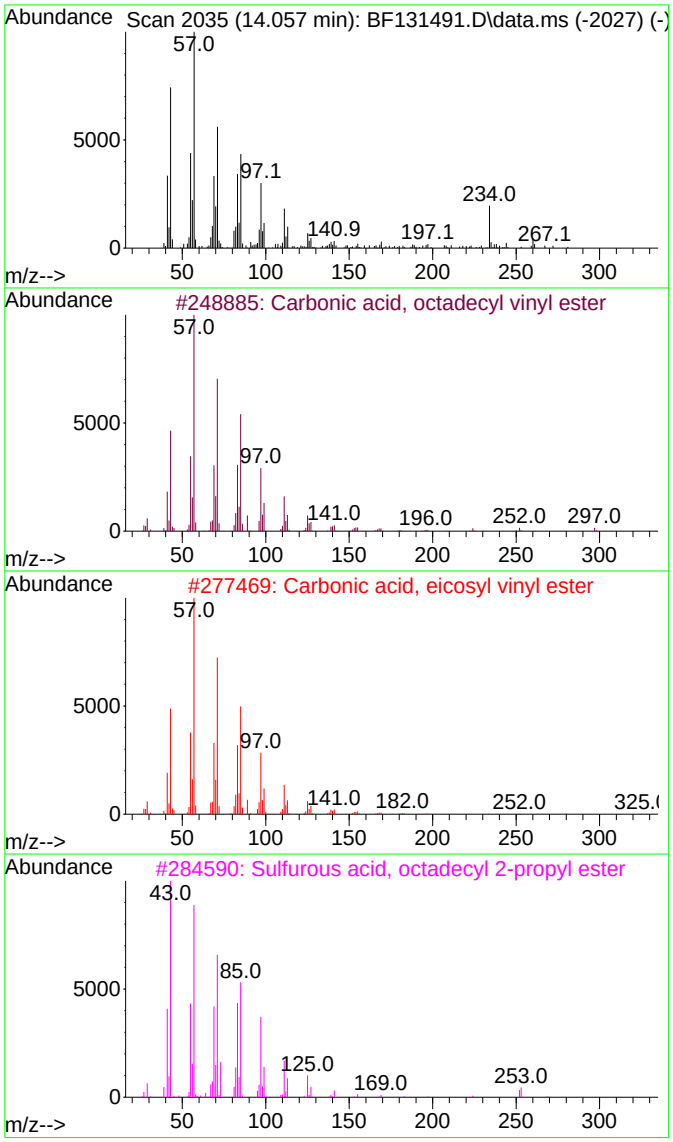
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

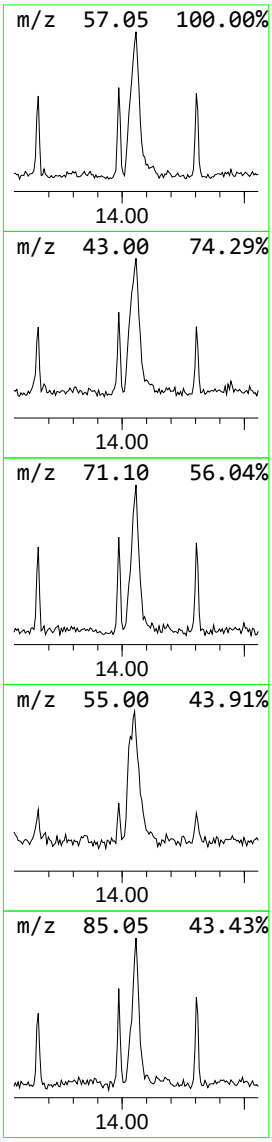
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Carbonic acid, octadecyl vi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	7.29 ng	369737	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	83
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	81





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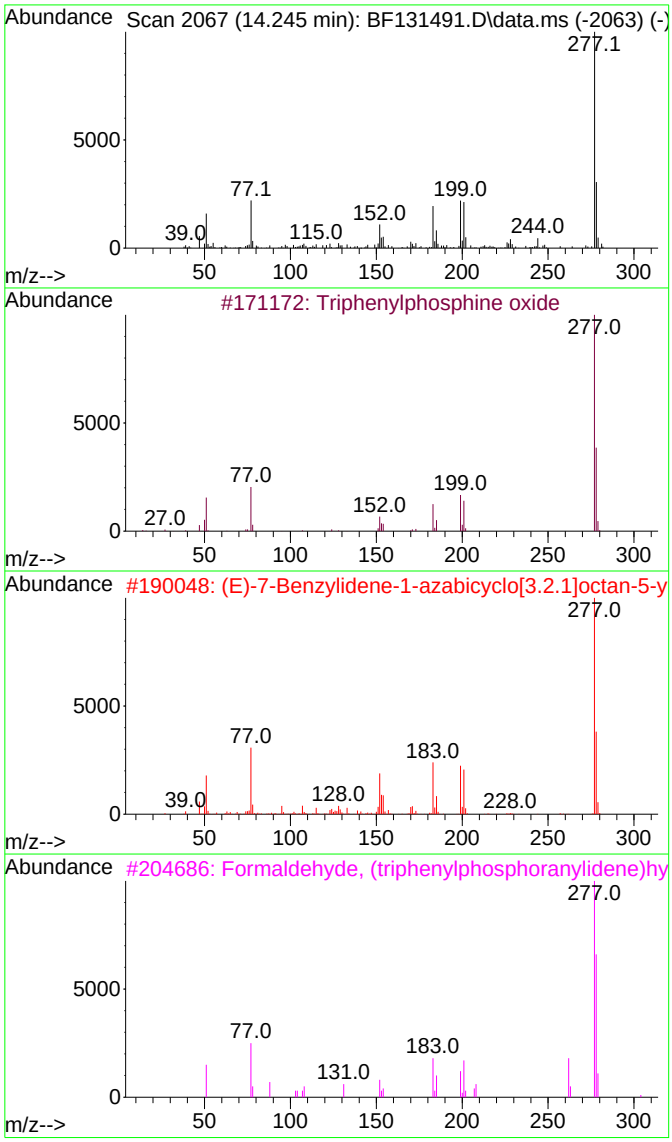
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

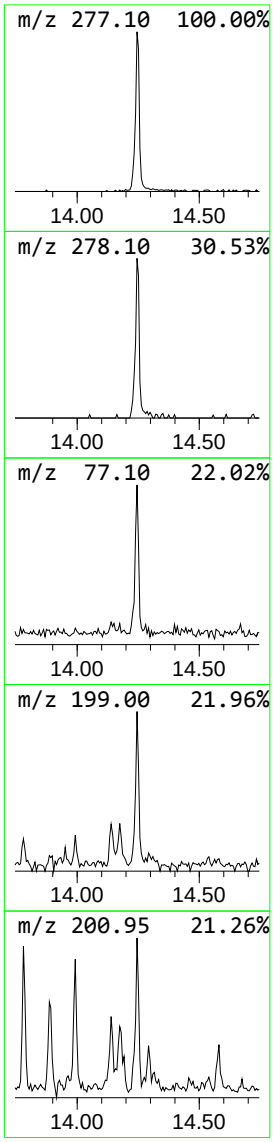
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Triphenylphosphine oxide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	2.27 ng	115178	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35





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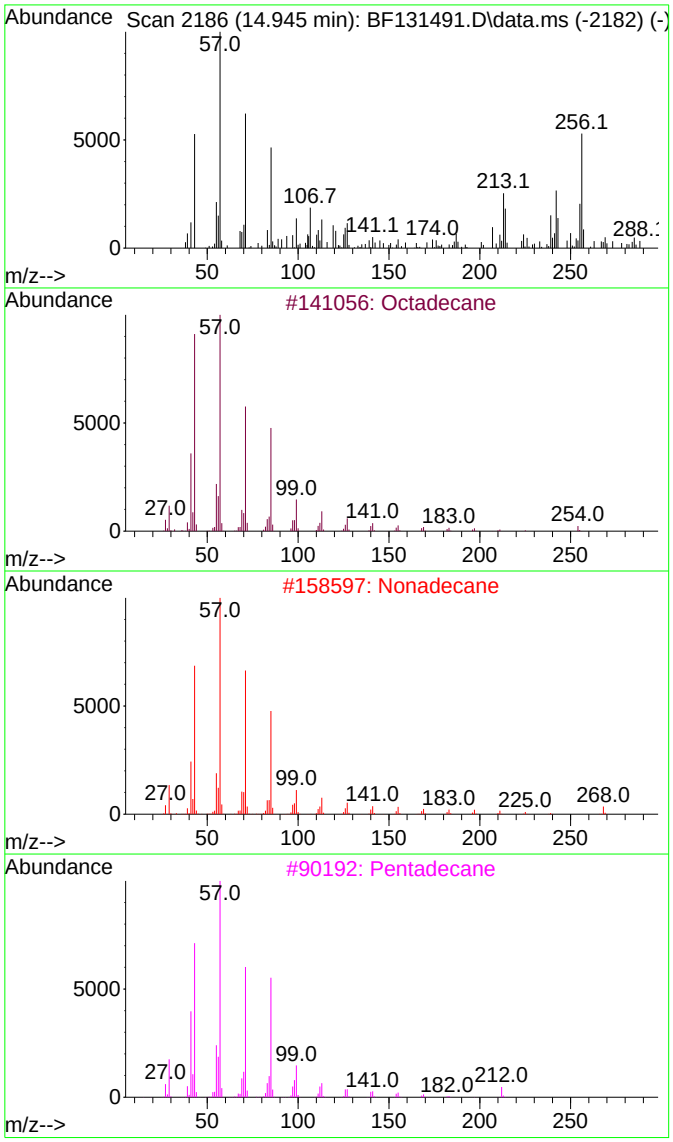
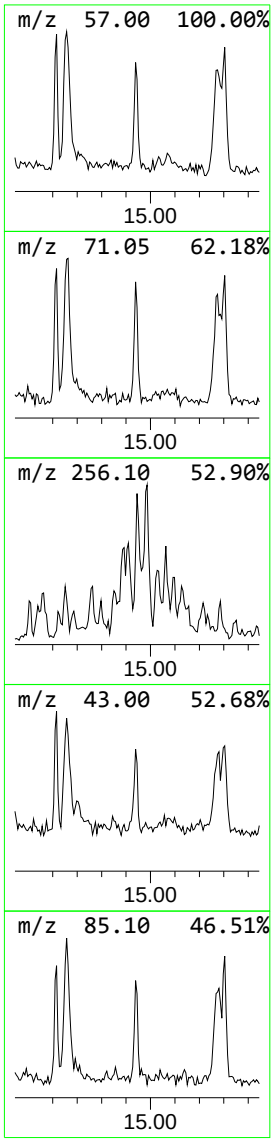
Peak Number 16 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	2.66 ng	62041	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	55
2	Nonadecane	268	C19H40	000629-92-5	42
3	Pentadecane	212	C15H32	000629-62-9	42
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	42
5	Heptadecane	240	C17H36	000629-78-7	42





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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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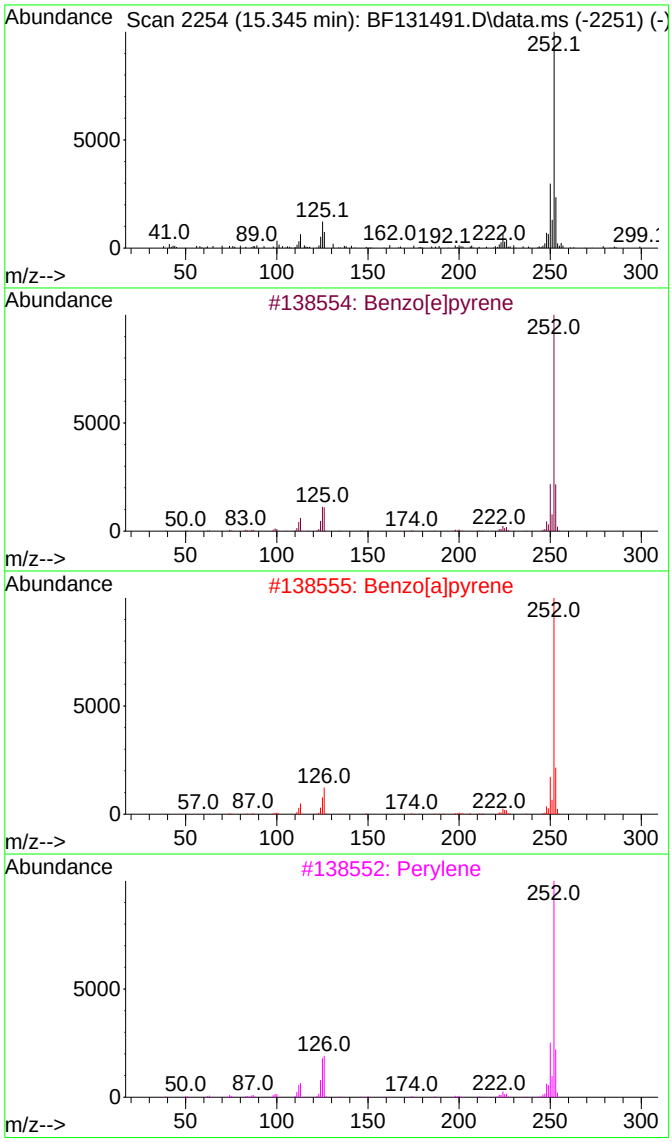
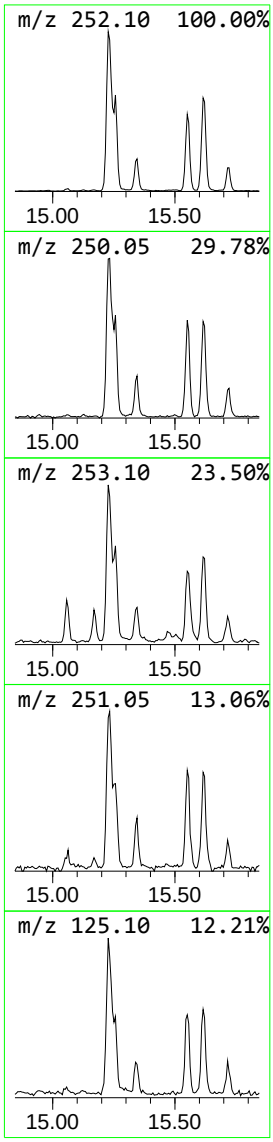
Peak Number 17 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	2.81 ng	65522	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87





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Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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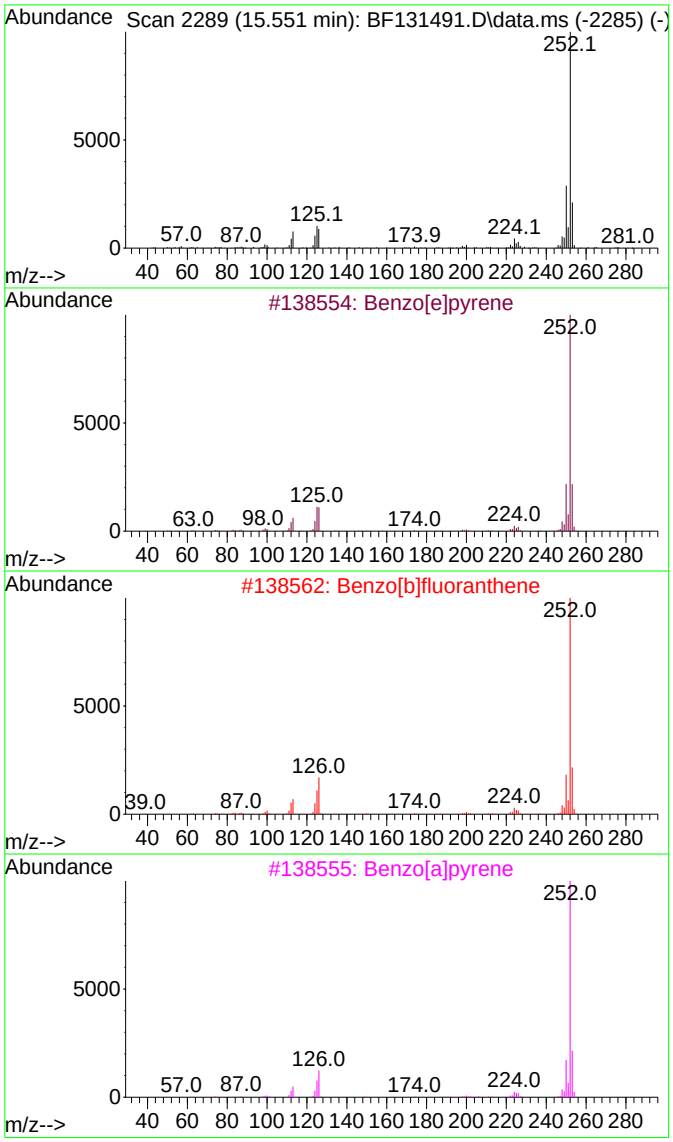
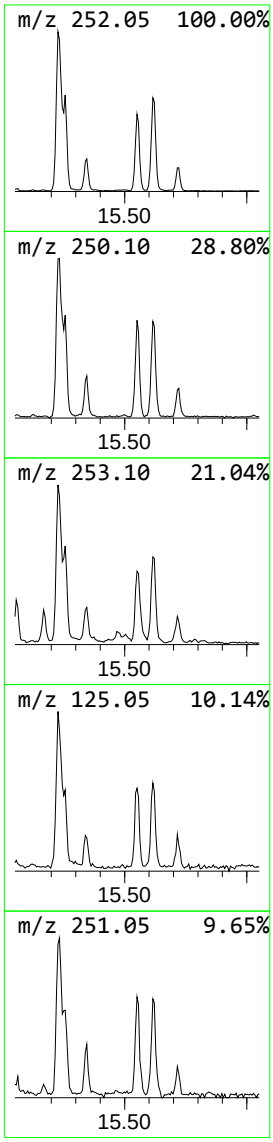
Peak Number 18 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	9.12 ng	212737	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
5	Perylene	252	C20H12	000198-55-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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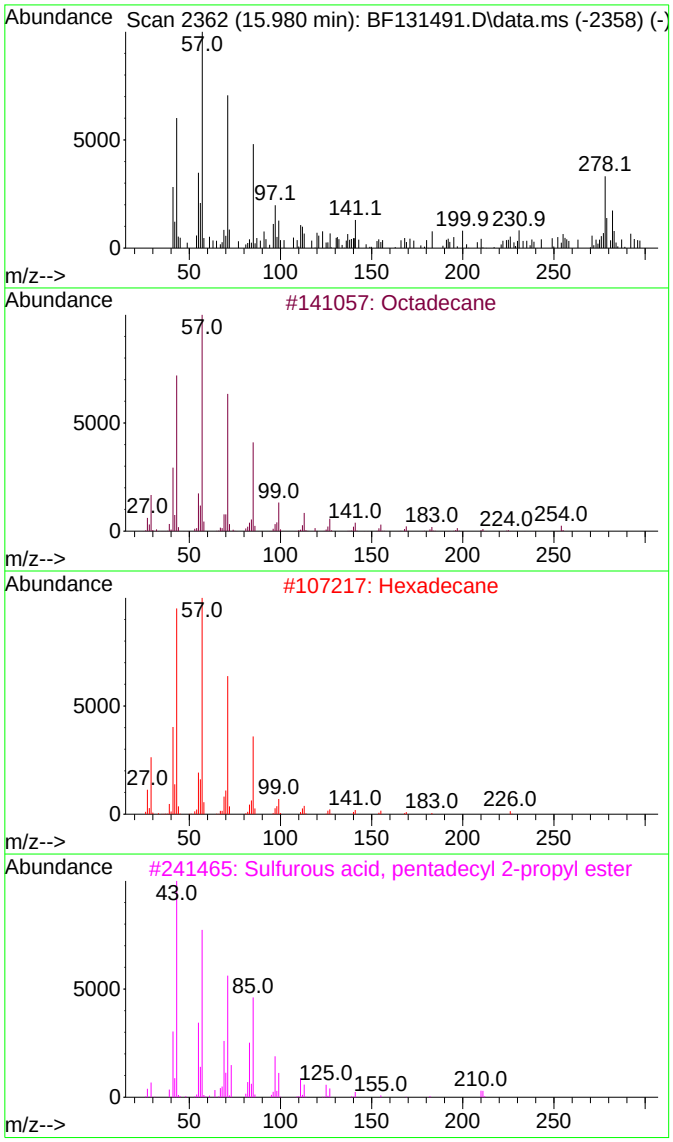
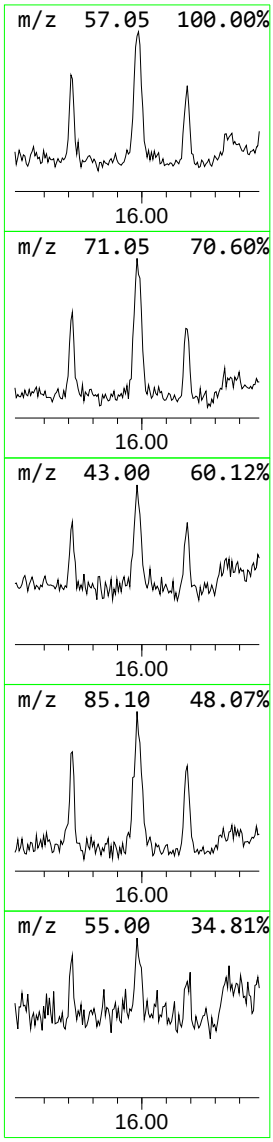
Peak Number 19 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.90 ng	67674	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	Hexadecane	226	C16H34	000544-76-3	50
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	47
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	47
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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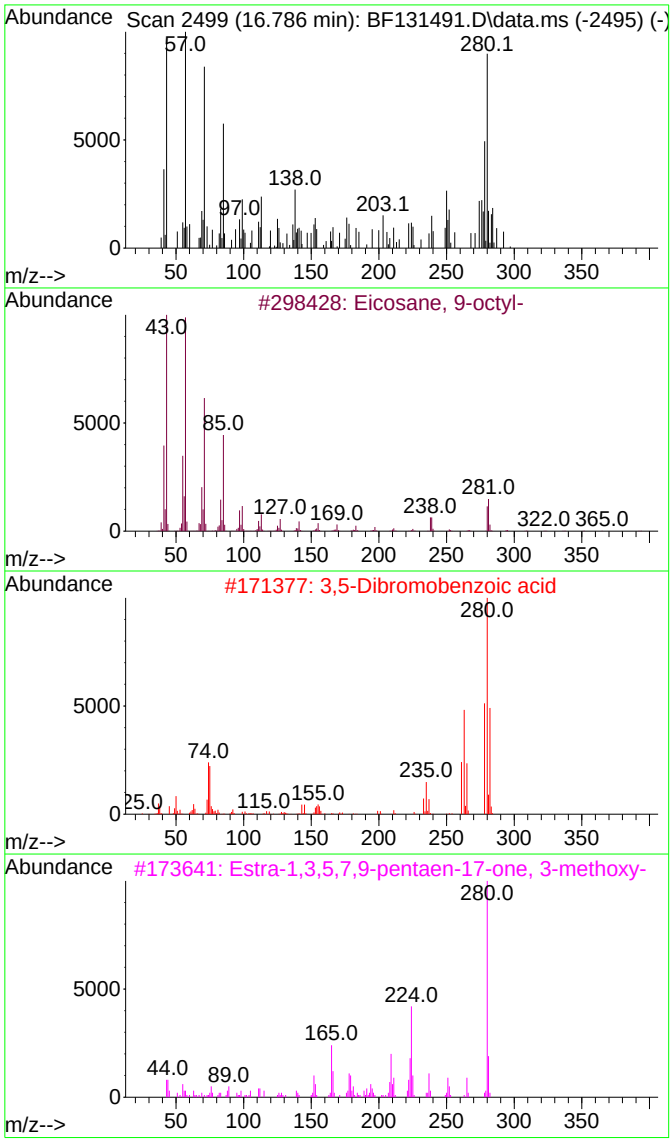
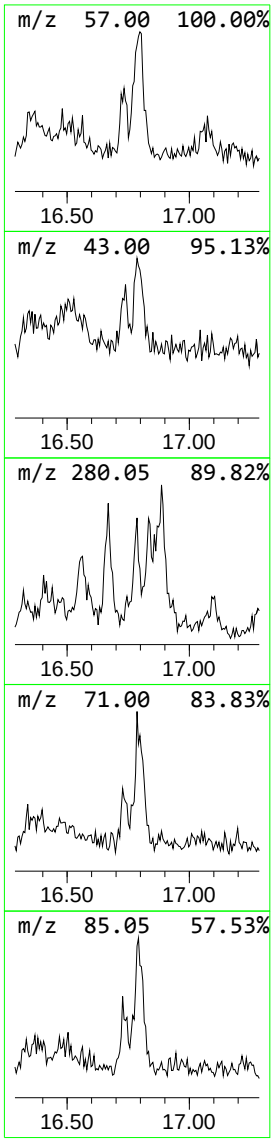
Peak Number 20 unknown16.786 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	2.58 ng	60248	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	27
2	3,5-Dibromobenzoic acid	278	C7H4Br2O2	000618-58-6	27
3	Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	25
4	5,5'-Diallyl-2,2'-biphenyldiol, ...	280	C19H20O2	1000384-18-6	25
5	1-Acetyl-6,8-dimethoxy-5-nitro-1...	280	C13H16N2O5	1000213-75-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131491.D
Acq On : 01 Dec 2022 16:06
Operator : CG\JU
Sample : N5804-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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...	2.257	31.8	ng	772032	1	6.940	485185	20.0
3-Hexen-2-one	4.546	4.0	ng	95873	1	6.940	485185	20.0
2-Pentanone, 4-...	5.175	77.6	ng	1881950	1	6.940	485185	20.0
2-Pentanone, 4-...	5.951	5.7	ng	138168	1	6.940	485185	20.0
Benzophenone	10.716	4.6	ng	206449	3	9.998	905646	20.0
Pentadecane, 2,...	10.910	2.3	ng	94154	4	11.492	808365	20.0
Phenanthrene, 2...	11.998	2.9	ng	115788	4	11.492	808365	20.0
n-Hexadecanoic ...	12.016	6.8	ng	275501	4	11.492	808365	20.0
4H-Cyclopenta[d...	12.110	3.7	ng	148674	4	11.492	808365	20.0
Phenanthrene, 2...	12.551	2.5	ng	102783	4	11.492	808365	20.0
Pyrene, 1-methyl-	13.163	2.3	ng	114136	5	14.151	1013990	20.0
11H-Benzo[b]flu...	13.274	3.6	ng	180445	5	14.151	1013990	20.0
11H-Benzo[a]flu...	13.992	2.3	ng	117742	5	14.151	1013990	20.0
Carbonic acid, ...	14.057	7.3	ng	369737	5	14.151	1013990	20.0
Triphenylphosph...	14.245	2.3	ng	115178	5	14.151	1013990	20.0
Octadecane	14.945	2.7	ng	62041	6	15.686	466358	20.0
Benzo[e]pyrene	15.345	2.8	ng	65522	6	15.686	466358	20.0
Perylene	15.551	9.1	ng	212737	6	15.686	466358	20.0
Hexadecane	15.980	2.9	ng	67674	6	15.686	466358	20.0
unknown16.786	16.786	2.6	ng	60248	6	15.686	466358	20.0