LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.881	267	271	286	rBV	113448	169119	7.93%	0.505%
2	5.457	536	539	571	rBV	1938772	2054535	96.39%	6.133%
3	6.475	708	712	734	rBV	2175830	2131574	100.00%	6.363%
4	6.834	770	773	782	rBV	631771	539061	25.29%	1.609%
5	7.398	866	869	880	rBV	1363738	1369427	64.24%	4.088%
6	8.116	988	991	993	rBV	802295	675347	31.68%	2.016%
7	8.139	993	995	1001	rVB	146871	140211	6.58%	0.419%
8	8.834	1110	1113	1120	rBV	51182	45806	2.15%	0.137%
9	9.186	1170	1173	1177	rBV	2385772	2095345	98.30%	6.255%
10	9.533	1226	1232	1234	rVV	34268	43997	2.06%	0.131%
11	9.733	1263	1266	1272	rVB	106421	100079	4.70%	0.299%
12	9.869	1286	1289	1293	rBV	921470	755395	35.44%	2.255%
13	9.904	1293	1295	1302	rVB	185894	155536	7.30%	0.464%
14	10.081	1320	1325	1328	rBV	90087	84144	3.95%	0.251%
15	10.281	1354	1359	1365	rVB5	22885	41158	1.93%	0.123%
16	10.422	1377	1383	1389	rVB	165954	158964	7.46%	0.475%
17	10.580	1407	1410	1413	rVB	66041	60327	2.83%	0.180%
18	10.663	1421	1424	1430	rBV	1388360	1296712	60.83%	3.871%
19	10.969	1470	1476	1479	rBV	68930	84250	3.95%	0.252%
20	11.098	1493	1498	1499	rBV2	48200	49885	2.34%	0.149%
21	11.210	1514	1517	1521	rVV3	52887	59887	2.81%	0.179%
22	11.263	1523	1526	1531	rVB	106331	94303	4.42%	0.282%
23	11.363	1540	1543	1545	rBV	879816	748089	35.10%	2.233%
24	11.386	1545	1547	1551	rVV	1517147	1245390	58.43%	3.718%
25	11.439	1551	1556	1561	rVV	350355	344157	16.15%	1.027%
26	11.604	1579	1584	1588	rBV2	165480	190405	8.93%	0.568%
27	11.863	1625	1628	1631	rBV	217002	188368	8.84%	0.562%
28	11.892	1631	1633	1638	rVV	267715	251884	11.82%	0.752%
29	11.945	1639	1642	1644	rVV	111018	98368	4.61%	0.294%
30	11.980	1644	1648	1650	rVV	341377	358786	16.83%	1.071%
31	11.998	1650	1651	1656	rVB	141320	111068	5.21%	0.332%
32	12.127	1670	1673	1676	rVV5	38229	47463	2.23%	0.142%
33	12.157	1676	1678	1681	rVB	168854	142102	6.67%	0.424%
34	12.204	1683	1686	1689	rVB	143558	133323	6.25%	0.398%
35	12.310	1699	1704	1707	rVB4	46091	70616	3.31%	0.211%
36	12.369	1712	1714	1718	rVB2	58257	63424	2.98%	0.189%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.416	1718	1722	1725	rBV	123420	126644	5.94%	0.378%
38	12.457	1727	1729	1731	rVV	66029	64387	3.02%	0.192%
39	12.516	1737	1739	1747	rVB	79009	84395	3.96%	0.252%
40	12.580	1747	1750	1753	rBV	1935280	1793799	84.15%	5.355%
41	12.604	1753	1754	1759	rVB2	76286	72135	3.38%	0.215%
42	12.645	1759	1761	1765	rBV2	28600	41000	1.92%	0.122%
43	12.680	1765	1767	1772	rVB	125487	125554	5.89%	0.375%
44	12.733	1772	1776	1779	rBV2	106790	116393	5.46%	0.347%
45	12.792	1783	1786	1787	rVV	370287	300354	14.09%	0.897%
46	12.816	1787	1790	1795	rVV	1573557	1586013	74.41%	4.735%
47	12.863	1795	1798	1803	rVB2	133723	148203	6.95%	0.442%
48	12.910	1803	1806	1808	rBV2	47836	45574	2.14%	0.136%
49	12.945	1808	1812	1815	rVV	1848406	1628559	76.40%	4.862%
50	12.980	1816	1818	1822	rVB	86884	85308	4.00%	0.255%
51	13.027	1822	1826	1831	rBV2	129013	217086	10.18%	0.648%
52	13.080	1831	1835	1837	rBV2	100979	90131	4.23%	0.269%
53	13.139	1842	1845	1850	rVB	269051	287905	13.51%	0.859%
54	13.204	1854	1856	1859	rBV	192784	172049	8.07%	0.514%
55	13.245	1859	1863	1867	rVV2	155514	184975	8.68%	0.552%
56	13.339	1876	1879	1882	rBV	100561	87169	4.09%	0.260%
57	13.369	1882	1884	1893	rVB3	103628	156875	7.36%	0.468%
58	13.439	1893	1896	1901	rBV	119970	119315	5.60%	0.356%
59	13.663	1930	1934	1940	rVB	74006	95975	4.50%	0.287%
60	13.769	1946	1952	1953	rBV2	111590	125775	5.90%	0.375%
61	13.786	1953	1955	1958	rVB	161400	121477	5.70%	0.363%
62	13.816	1958	1960	1962	rBV	109674	112763	5.29%	0.337%
63	13.874	1967	1970	1975	rVB	107961	133769	6.28%	0.399%
64	13.933	1975	1980	1985	rBV	46335	89210	4.19%	0.266%
65	14.004	1987	1992	1996	rVV2	967924	1576174	73.94%	4.705%
66	14.039	1996	1998	2005	rVV	836294	761765	35.74%	2.274%
67	14.121	2009	2012	2015	rVV	138820	124059	5.82%	0.370%
68	14.174	2018	2021	2026	rVV2	113699	154059	7.23%	0.460%
69	14.216	2026	2028	2030	rVV	55337	63115	2.96%	0.188%
70	14.251	2032	2034	2043	rVB2	93542	118410	5.56%	0.353%
71	14.404	2055	2060	2063	rVV	170221	233870	10.97%	0.698%
72	14.439	2063	2066	2070	rVV2	83962	145189	6.81%	0.433%
73	14.480	2070	2073	2075	rVV2	76535	94788	4.45%	0.283%
74	14.504	2075	2077	2079	rVV2	81007	81466	3.82%	0.243%
75	14.527	2079	2081	2083	rVV2	116699	118310	5.55%	0.353%
76	14.545	2083	2084	2087	rVV2	92132	81409	3.82%	0.243%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.598	2091	2093	2097	rVB2	48970	43838	2.06%	0.131%
78	14.733	2112	2116	2118	rBV3	58720	84225	3.95%	0.251%
79	14.827	2130	2132	2137	rVB5	38290	40982	1.92%	0.122%
80	14.904	2142	2145	2150	rVV3	95608	115920	5.44%	0.346%
81	15.063	2168	2172	2175	rBV	690673	1020409	47.87%	3.046%
82	15.174	2188	2191	2197	rVB	150432	163877	7.69%	0.489%
83	15.263	2203	2206	2208	rBV2	49003	58959	2.77%	0.176%
84	15.310	2211	2214	2218	rVV2	45234	82090	3.85%	0.245%
85	15.368	2220	2224	2228	rVV	446213	541671	25.41%	1.617%
86	15.433	2232	2235	2242	rBV	656135	819382	38.44%	2.446%
87	15.498	2242	2246	2249	rVV2	458921	589533	27.66%	1.760%
88	15.527	2249	2251	2259	rVB2	156485	239081	11.22%	0.714%
89	15.674	2272	2276	2280	rBV4	63577	100067	4.69%	0.299%
90	15.727	2280	2285	2289	rVB3	31521	61508	2.89%	0.184%
91	15.951	2318	2323	2327	rBV3	21042	47569	2.23%	0.142%
92	16.074	2340	2344	2349	rVB	34339	54202	2.54%	0.162%
93	16.692	2444	2449	2456	rVB8	38059	83087	3.90%	0.248%
94	16.804	2464	2468	2472	rVV2	31172	47829	2.24%	0.143%
95	16.845	2472	2475	2480	rVB2	32748	53672	2.52%	0.160%
96	16.998	2496	2501	2512	rVB2	258025	544468	25.54%	1.625%
97	17.186	2529	2533	2538	rBV	47186	79925	3.75%	0.239%
98	17.245	2538	2543	2551	rVB3	69563	150561	7.06%	0.449%
99	17.457	2575	2579	2590	rBV	179141	384252	18.03%	1.147%
100	17.727	2621	2625	2637	rVB	52322	127056	5.96%	0.379%

Sum of corrected areas: 33498074

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
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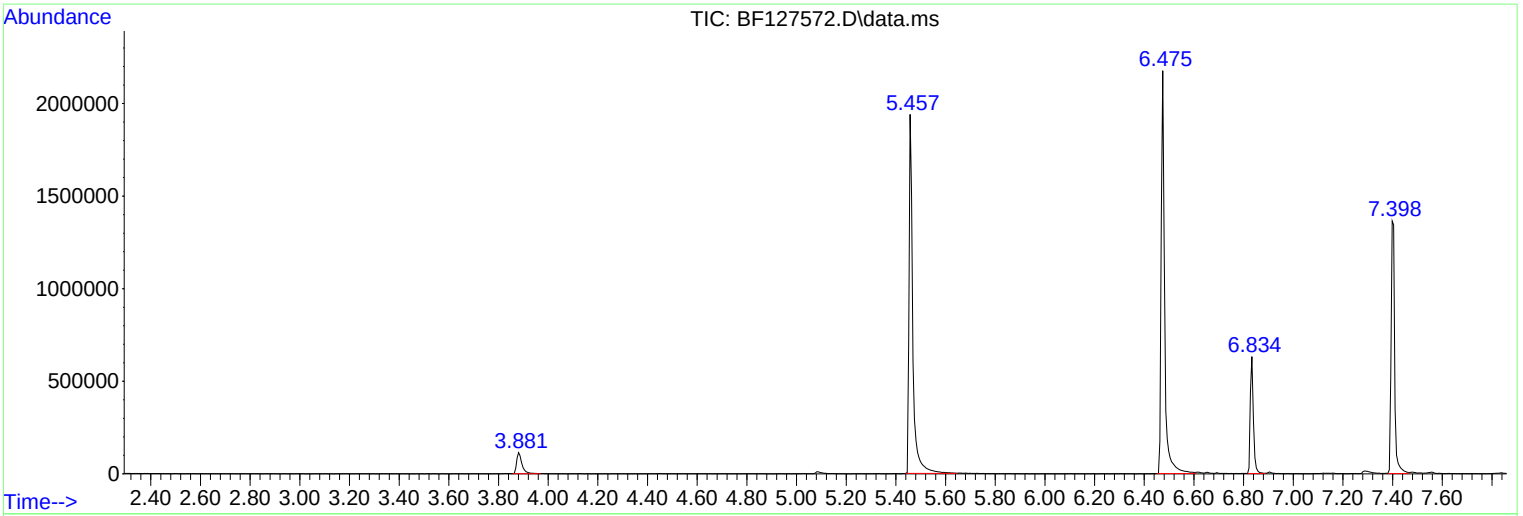
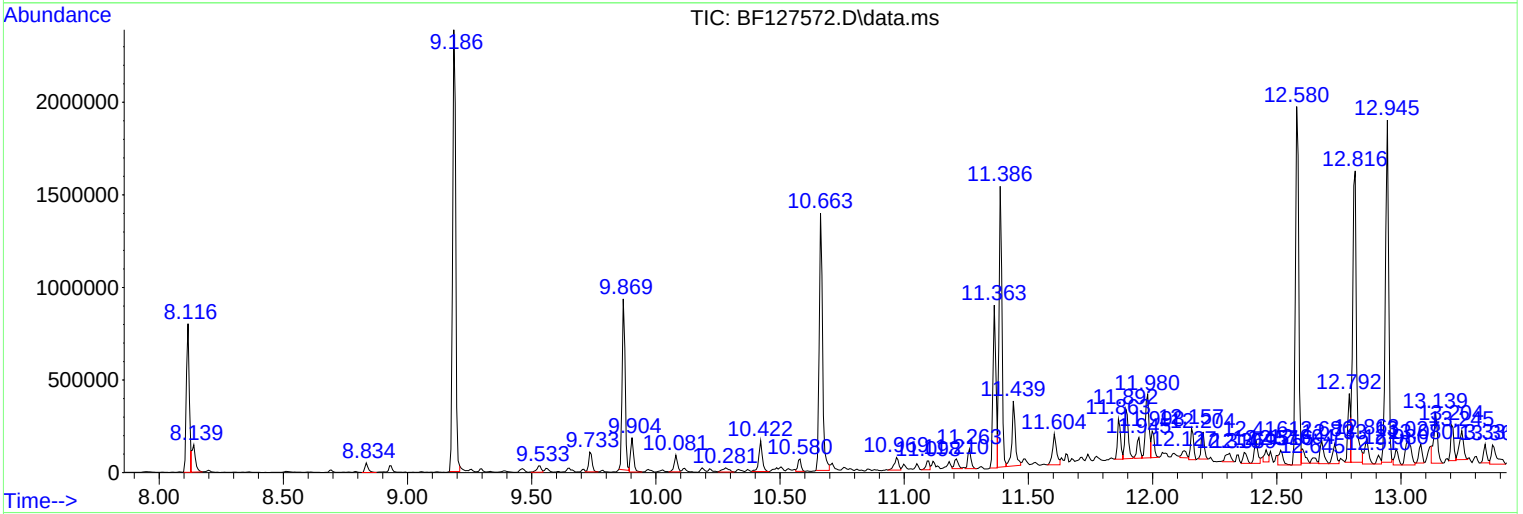
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

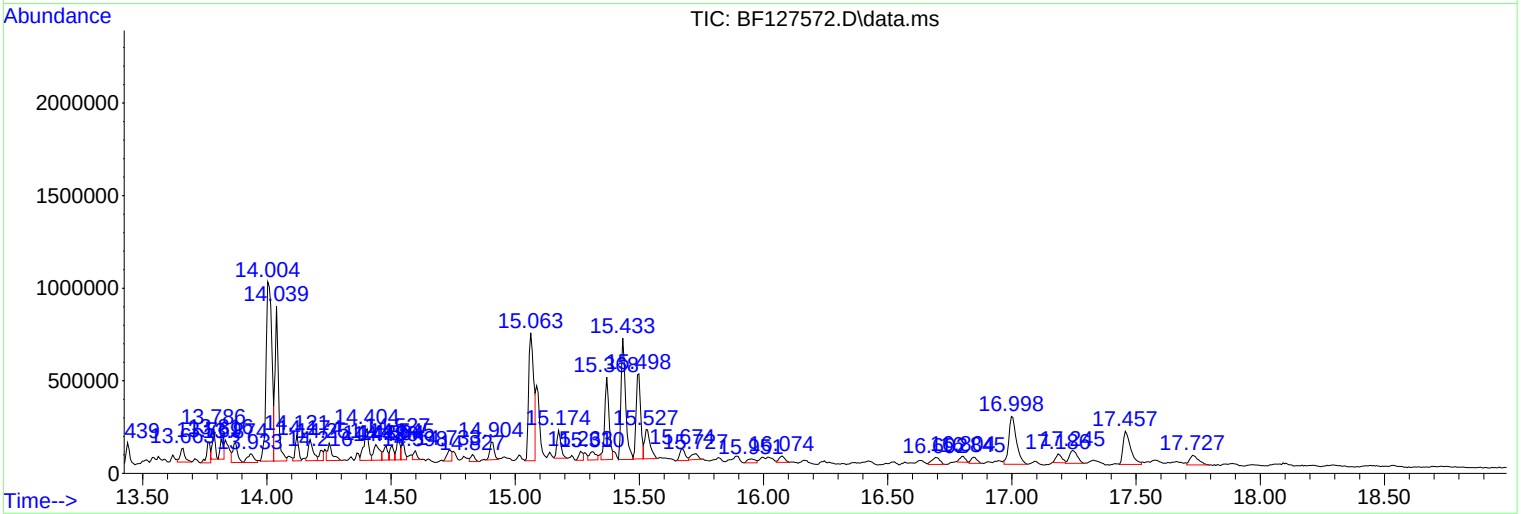
Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

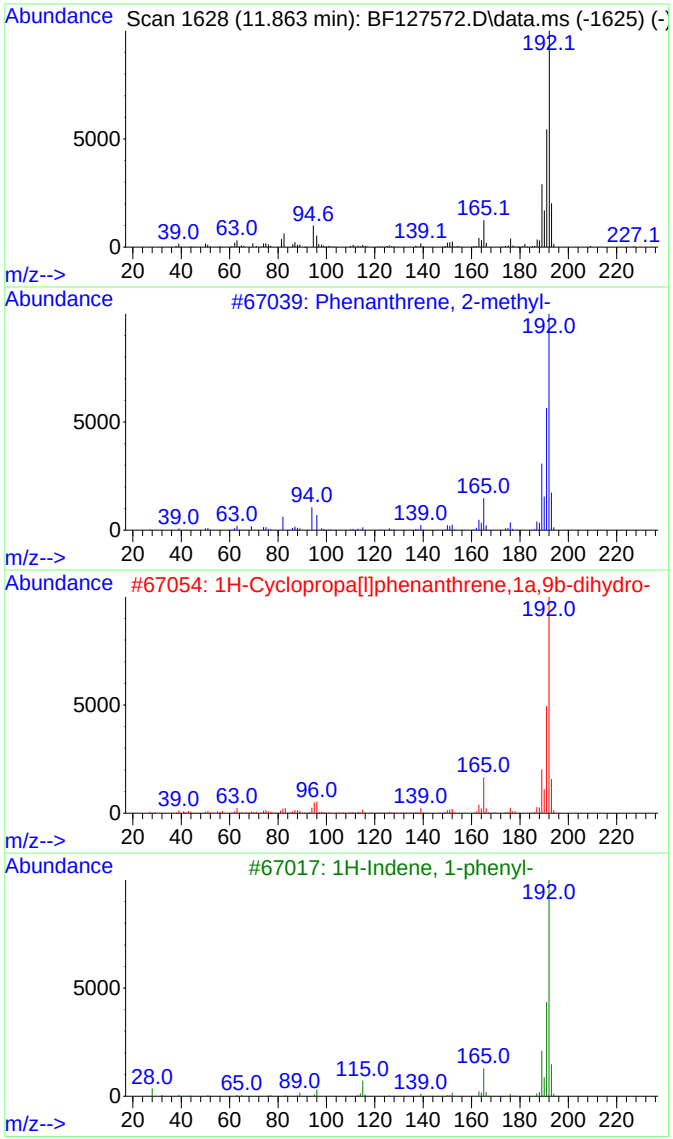
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

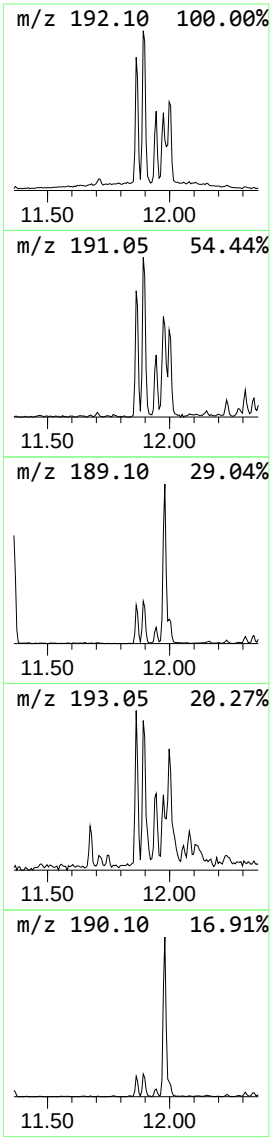
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	5.04 ng	188368	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

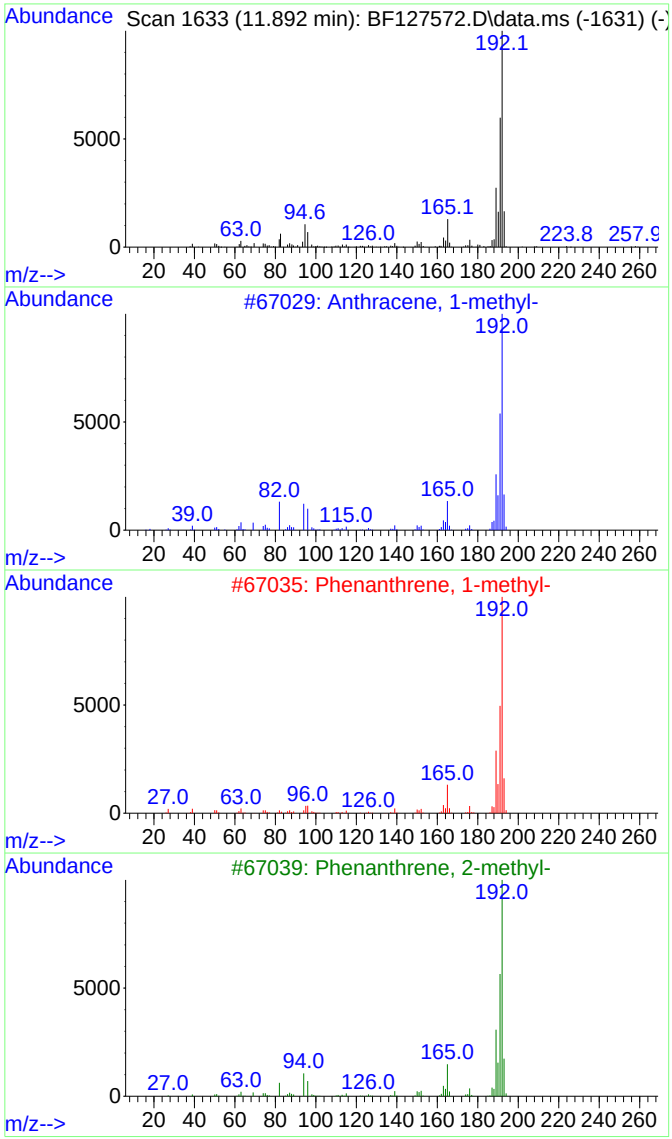
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

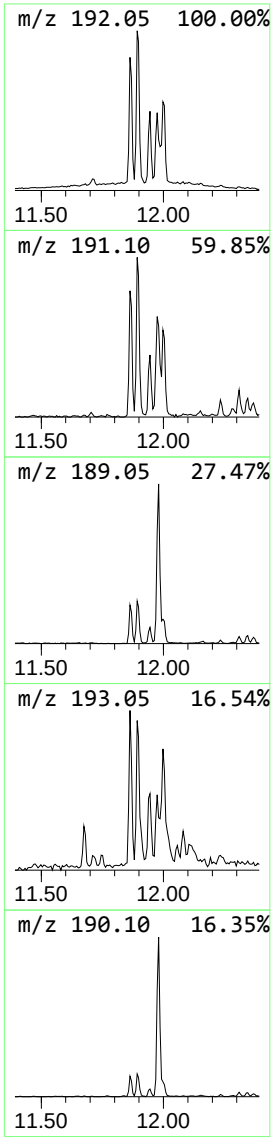
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.73 ng	251884	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

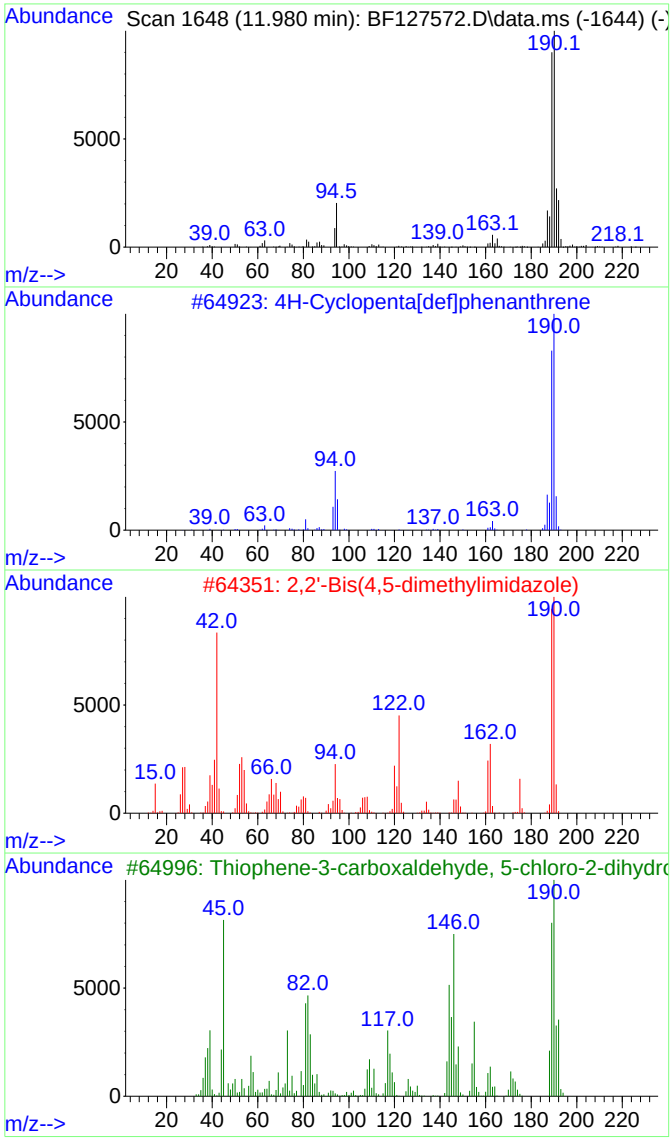
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

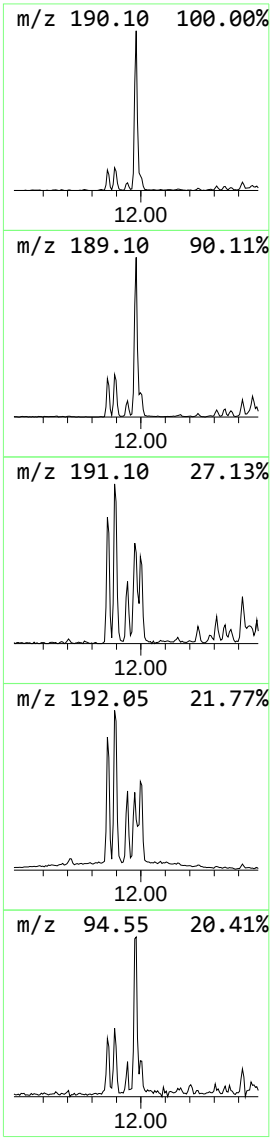
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	9.59 ng	358786	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

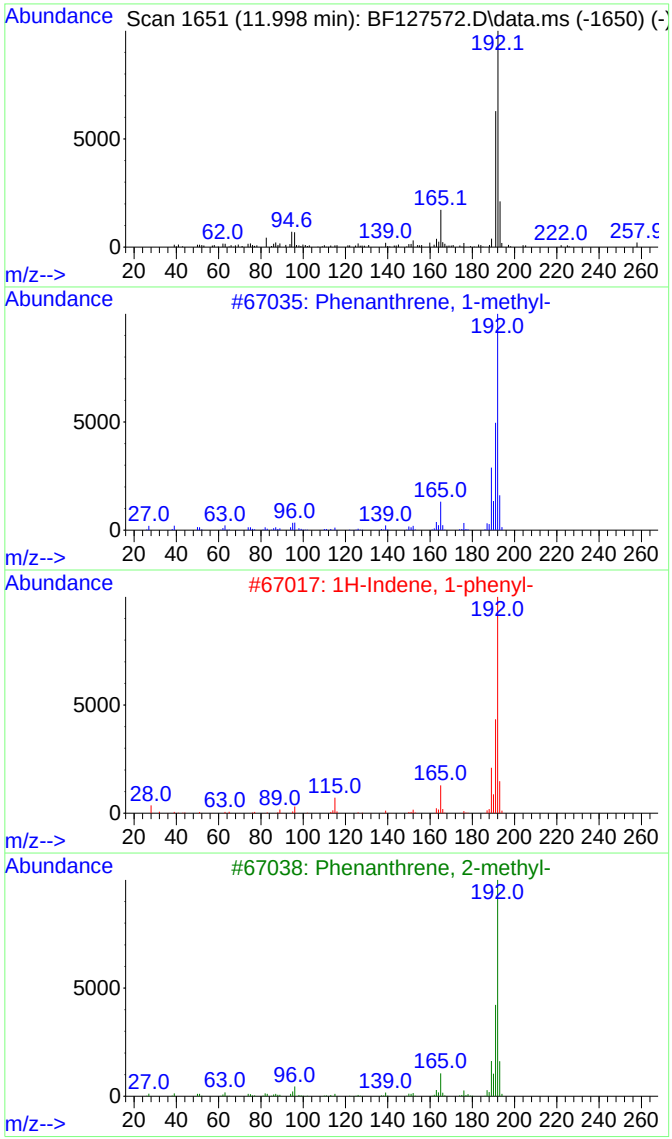
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

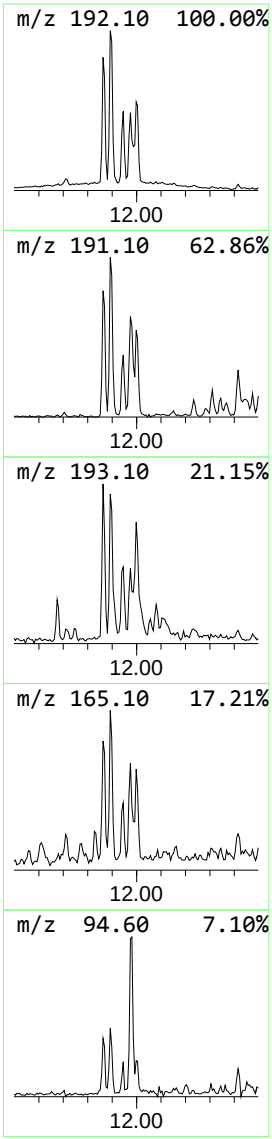
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.97 ng	111068	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

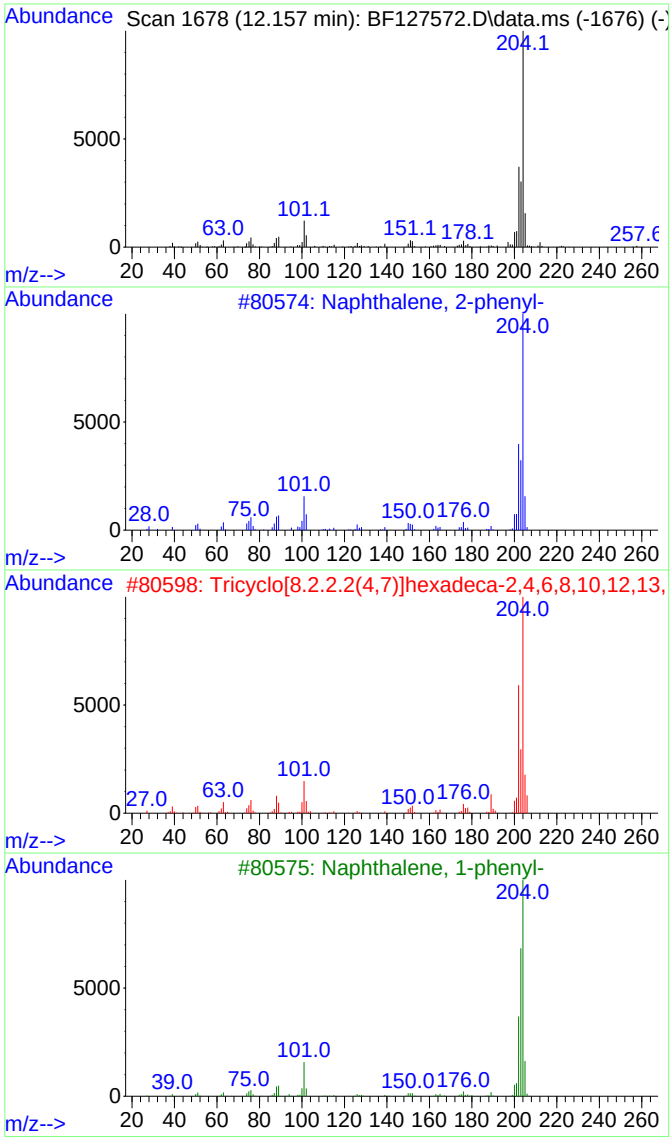
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

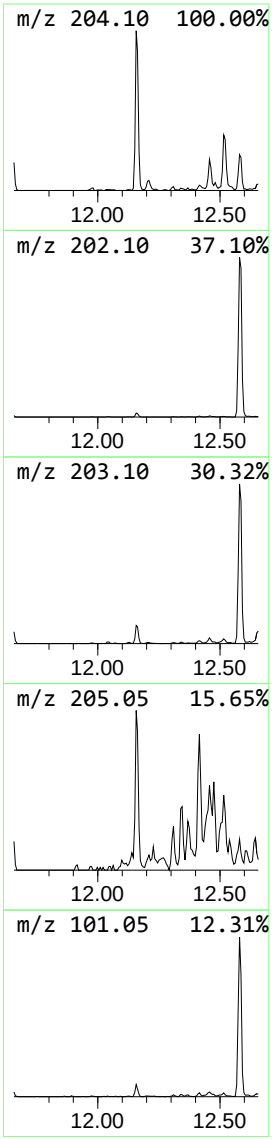
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	3.80 ng	142102	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	50





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Misc :
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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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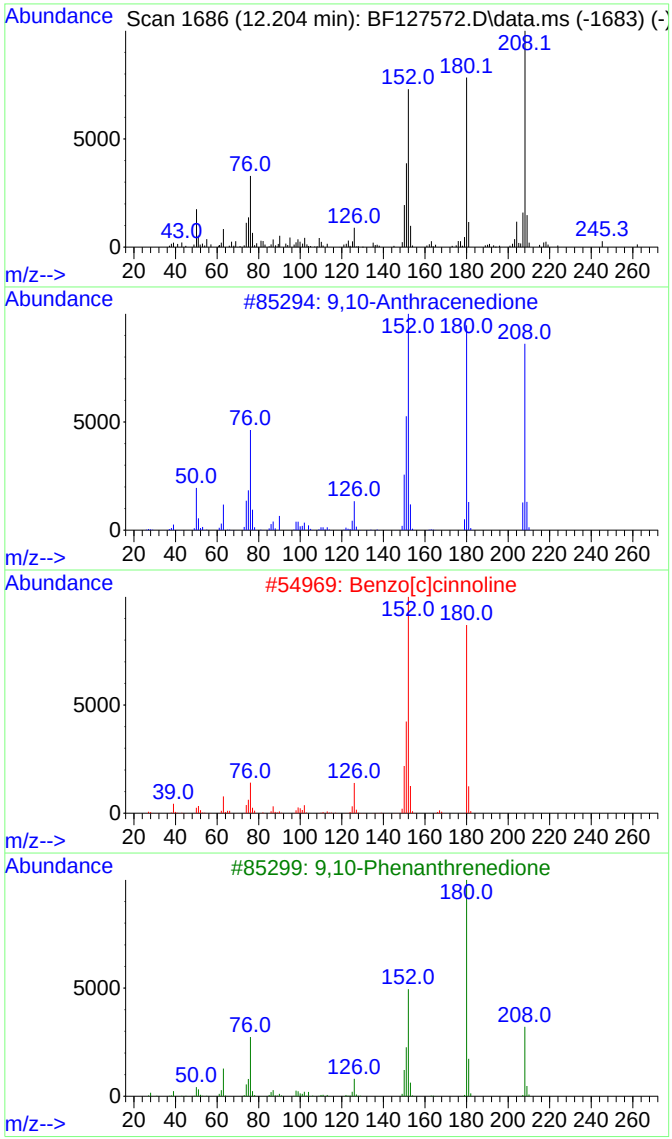
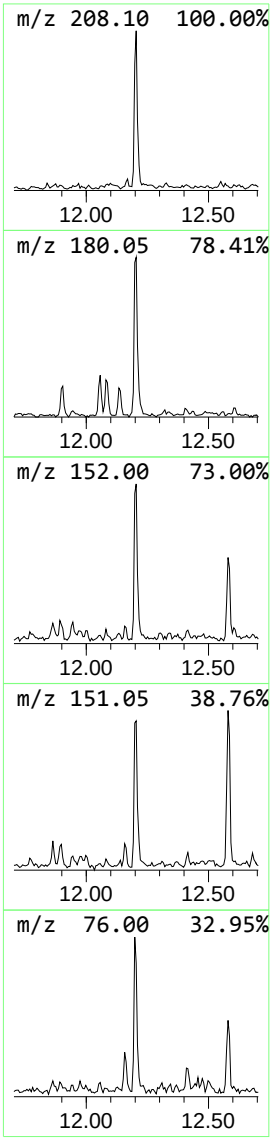
Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	3.56 ng	133323	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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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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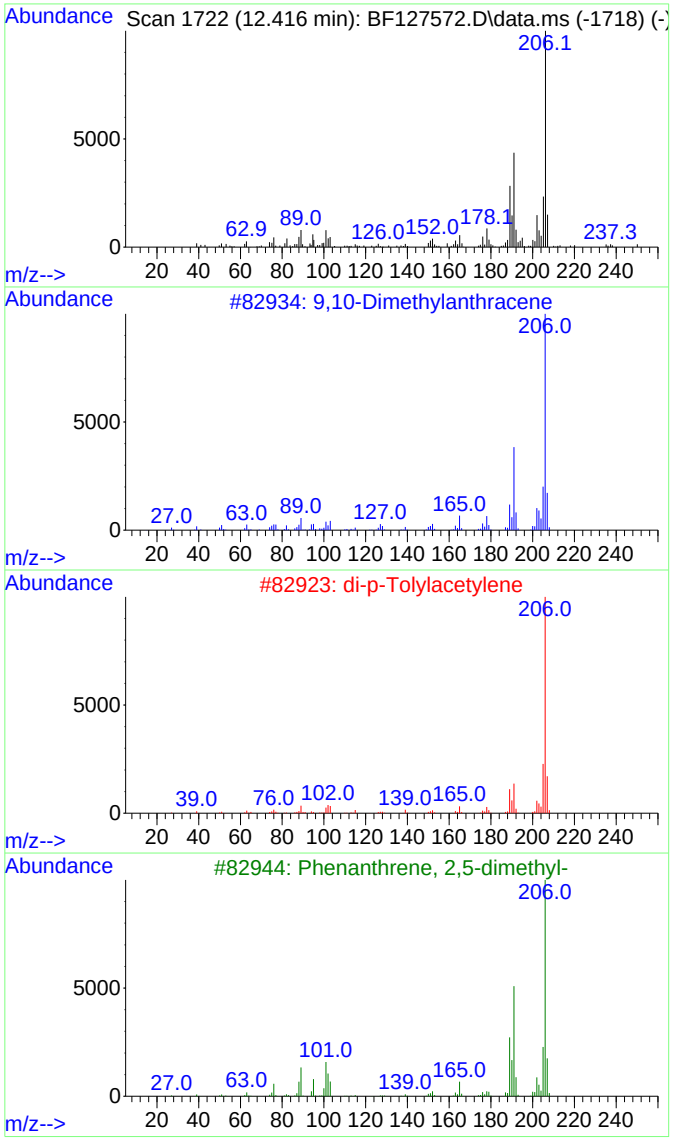
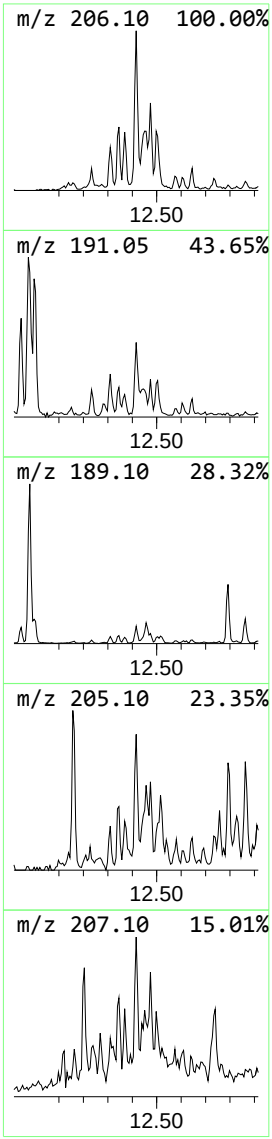
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.39 ng	126644	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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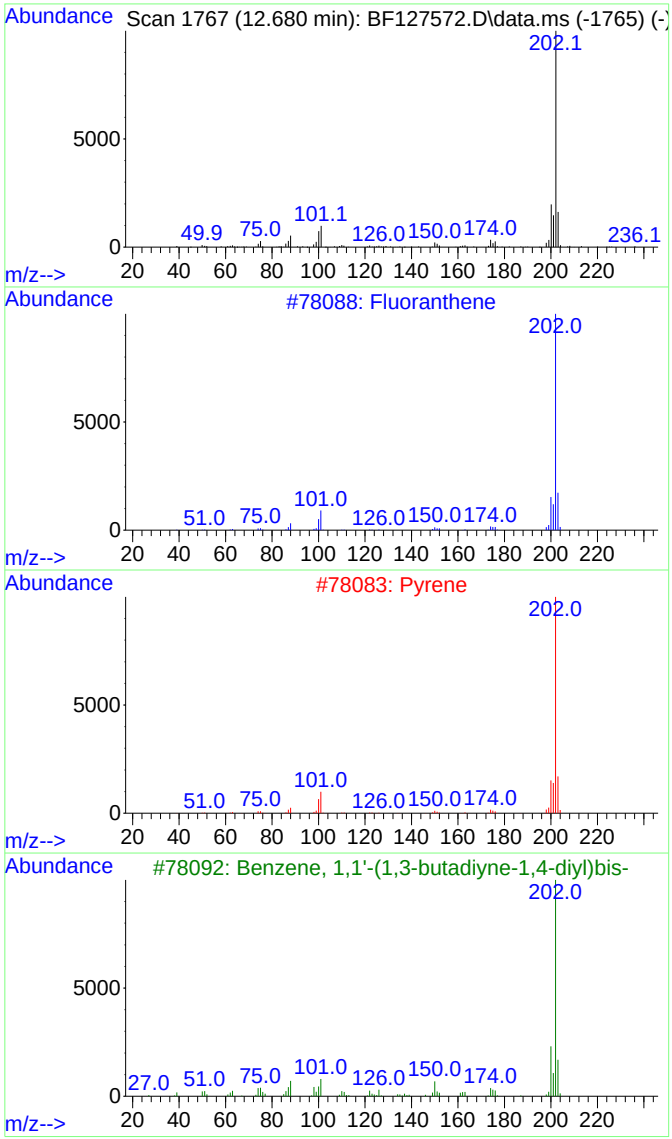
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

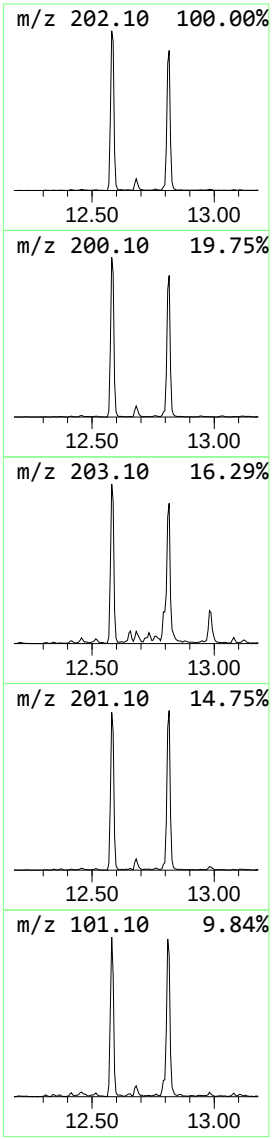
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	3.36 ng	125554	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	91
2	Pyrene	202	C16H10	000129-00-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	43
5	l-Leucine, N-methyl-N-(2-methoxy...	471	C27H53NO5	1000328-55-0	28





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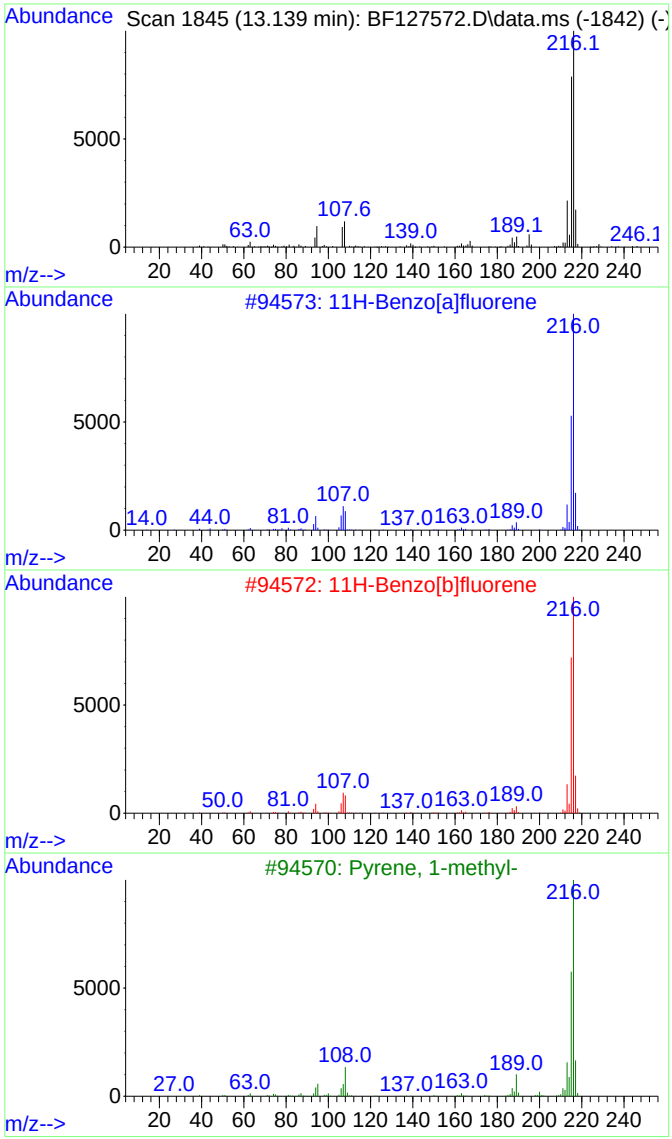
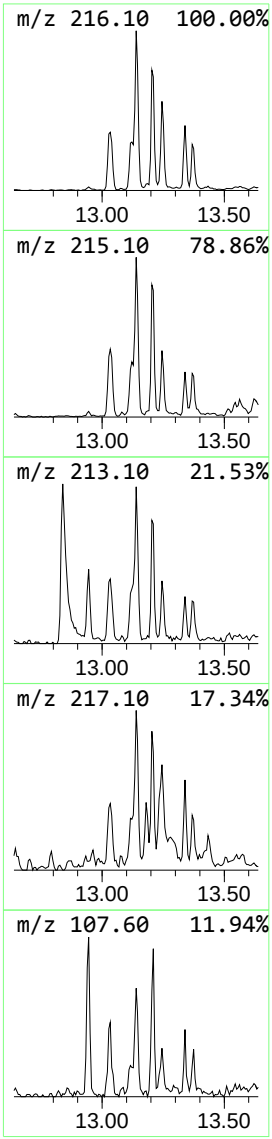
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	3.65 ng	287905	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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

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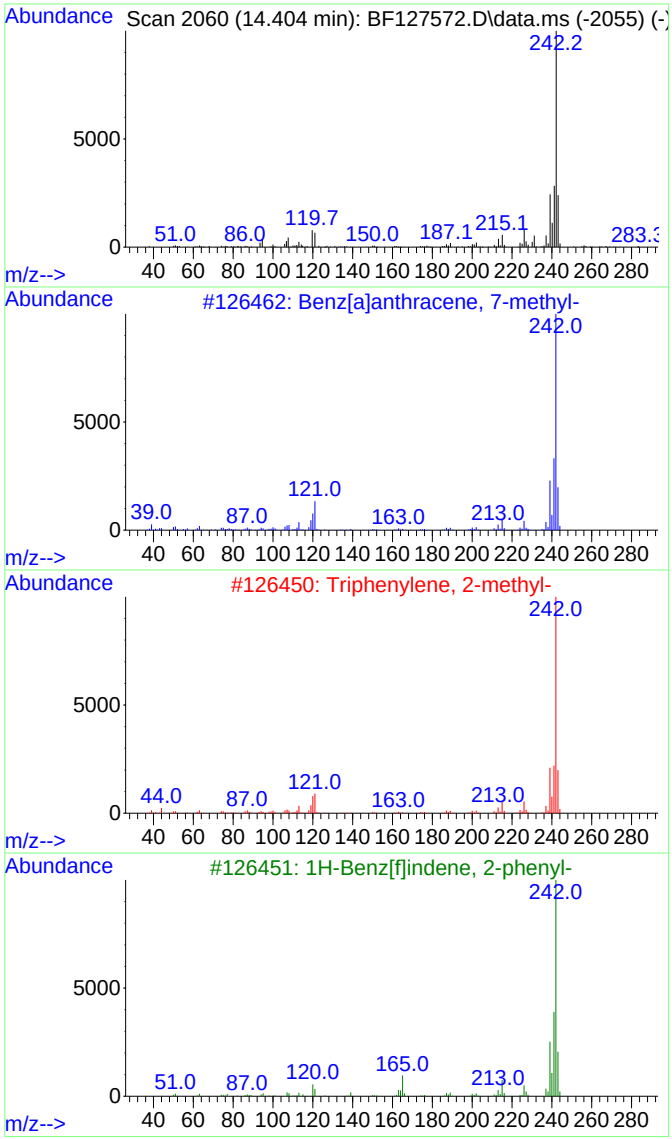
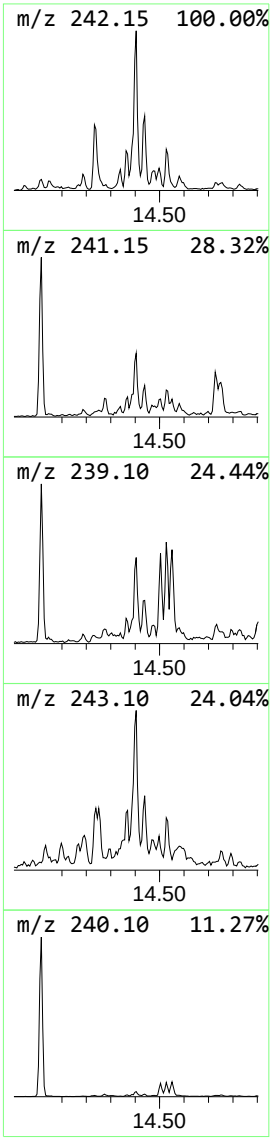
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	2.97 ng	233870	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	93
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	91





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

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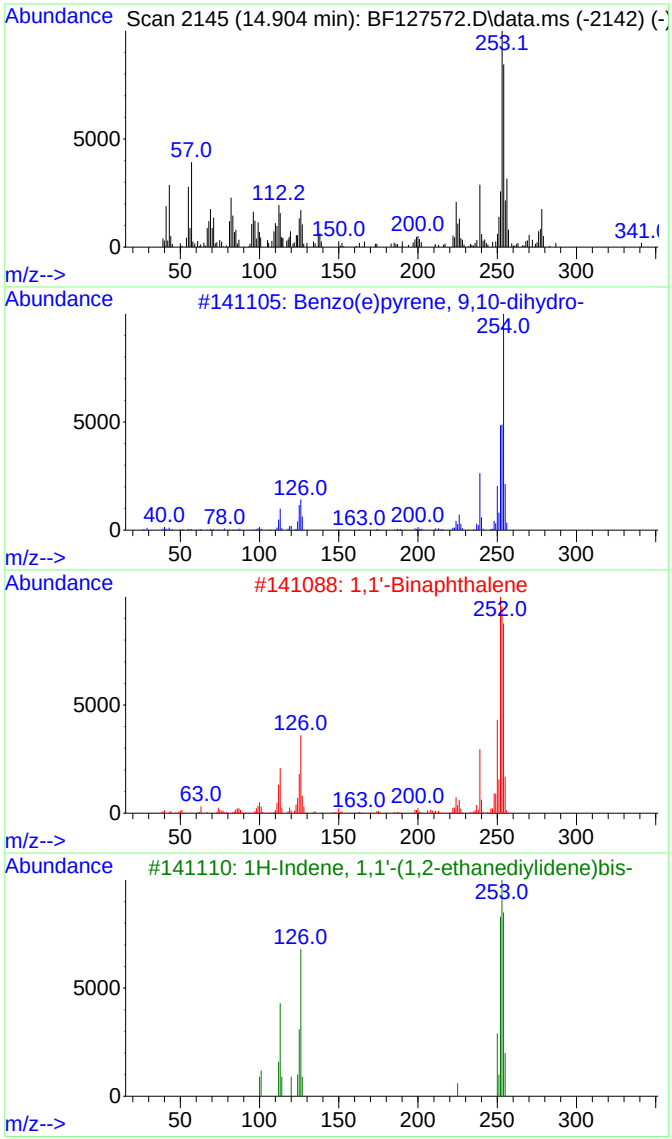
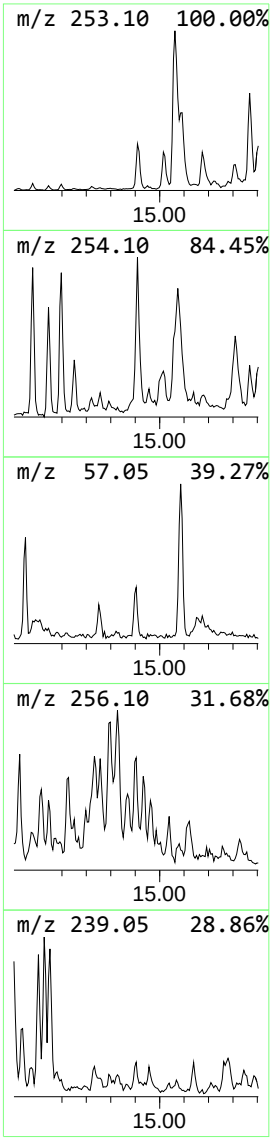
Peak Number 13 Benzo(e)pyrene, 9,10-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	3.93 ng	115920	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	90
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	86
3	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	70
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64





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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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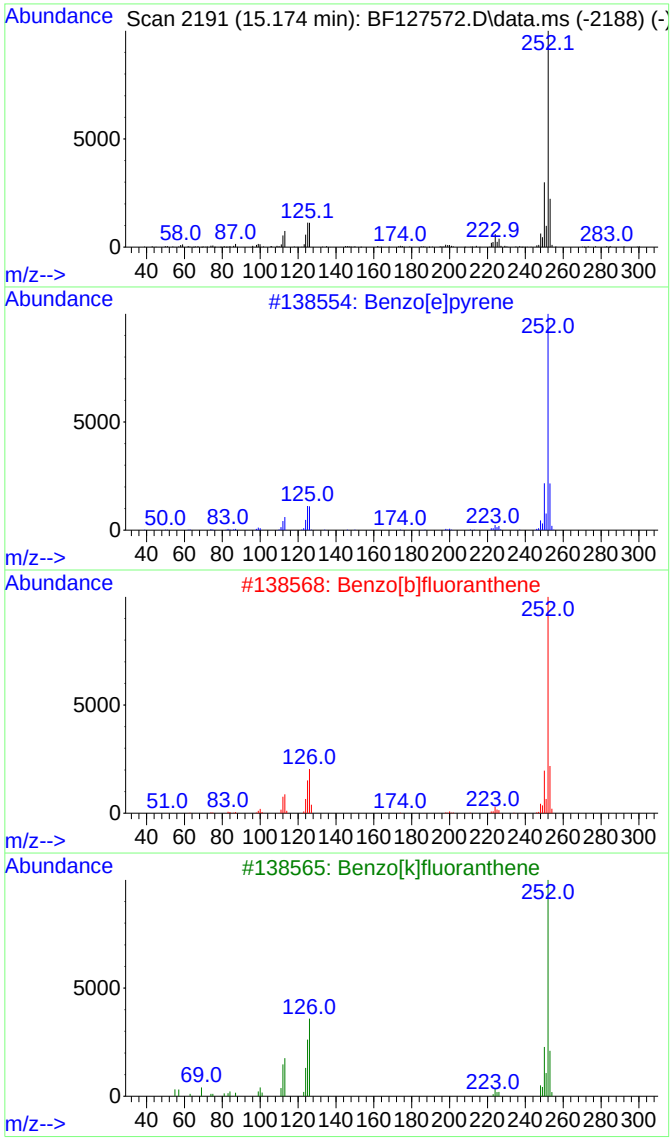
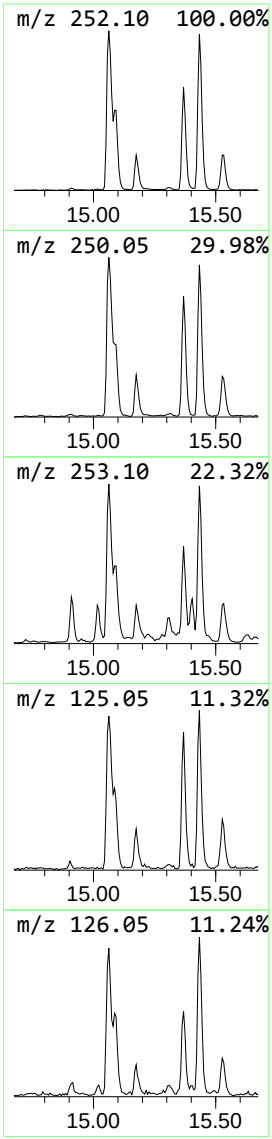
Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	5.56 ng	163877	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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

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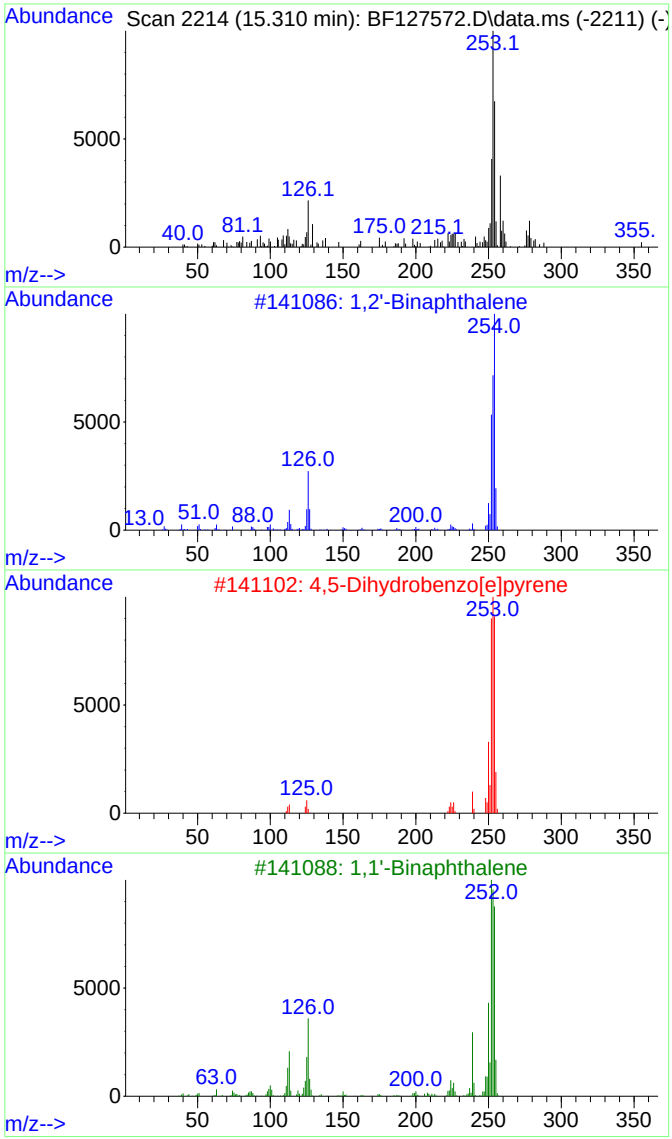
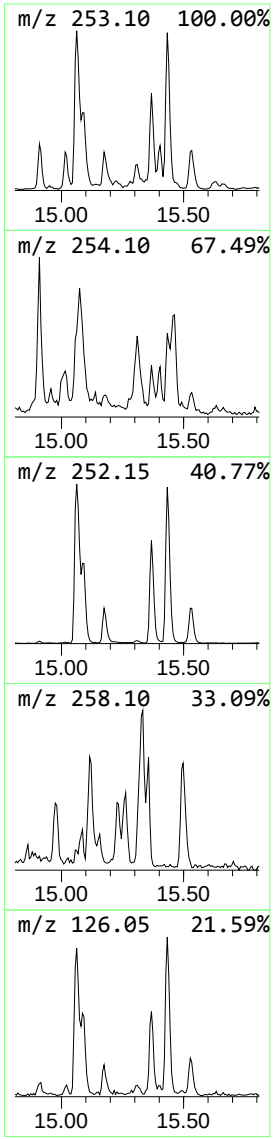
Peak Number 15 unknown15.310 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	2.78 ng	82090	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	46
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	46
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	41
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	41
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	38





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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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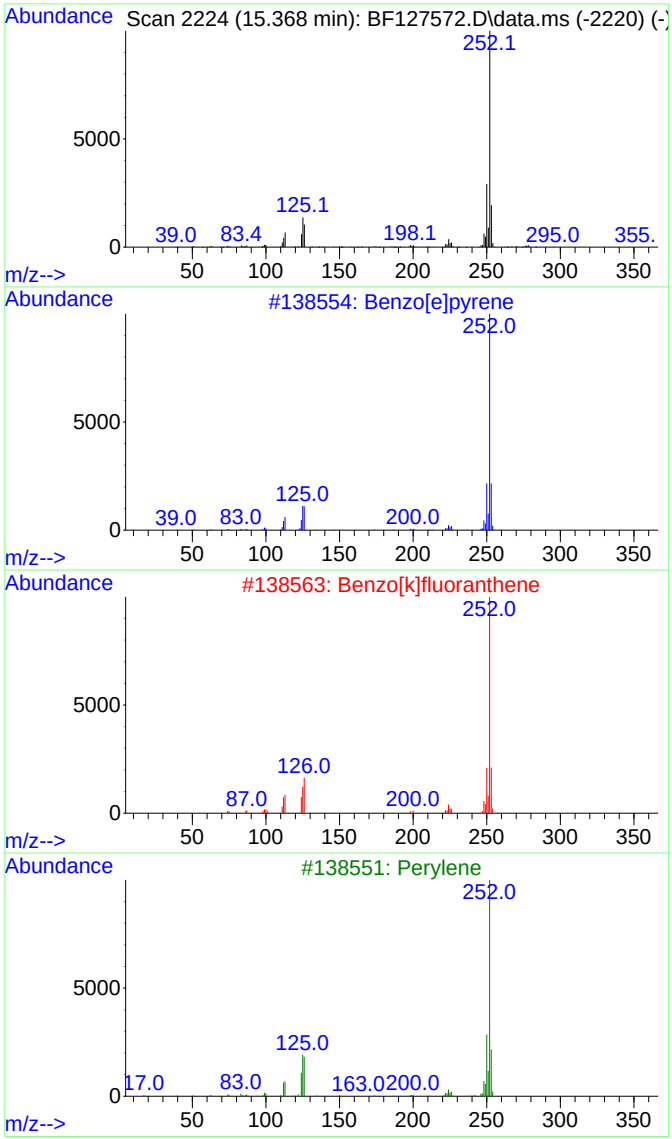
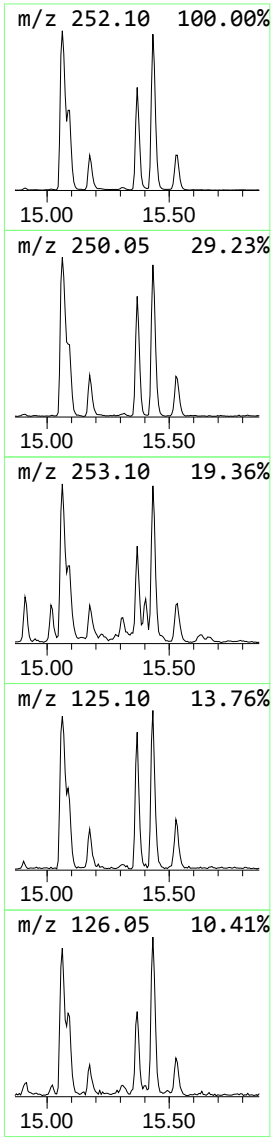
Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	18.38 ng	541671	Perylene-d12	15.498

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	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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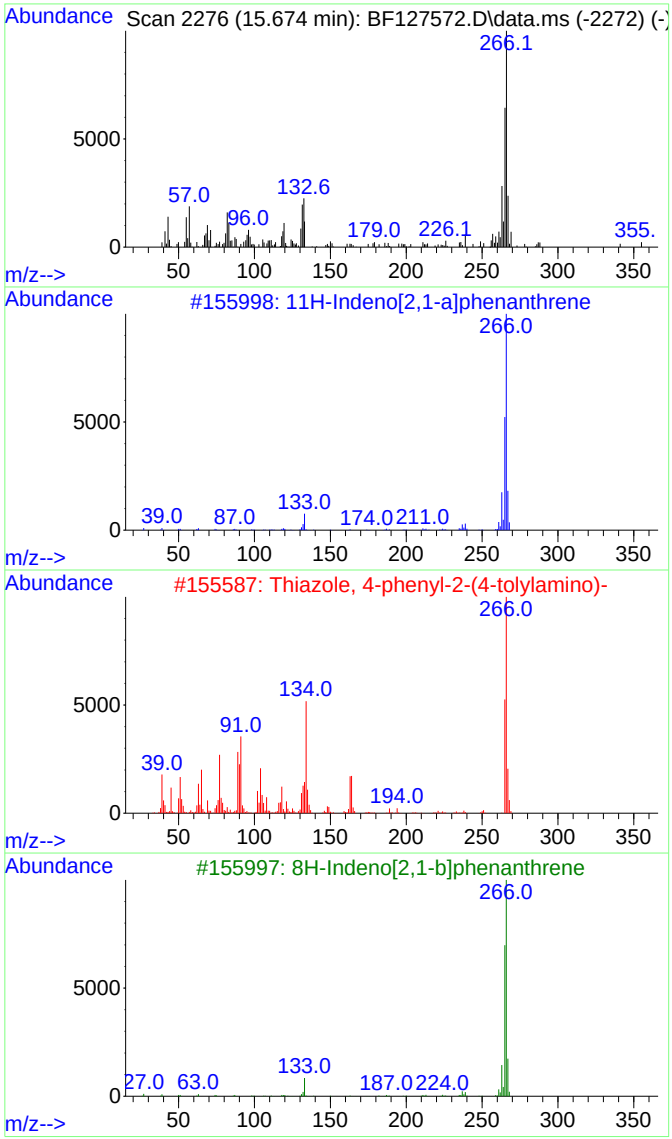
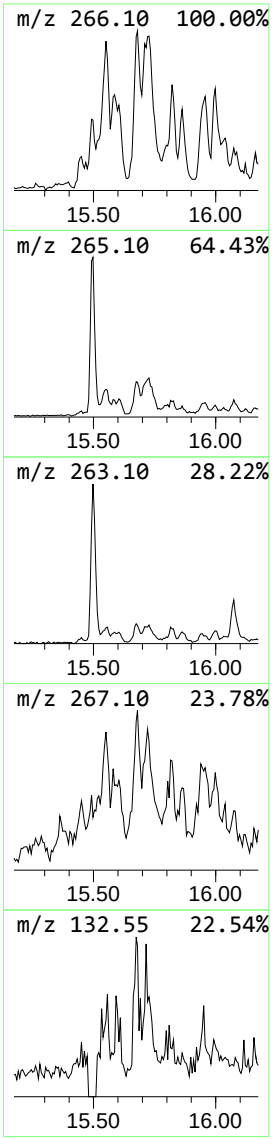
Peak Number 17 11H-Indeno[2,1-a]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	3.39 ng	100067	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	58
2	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	53
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	53
4	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	53
5	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	50





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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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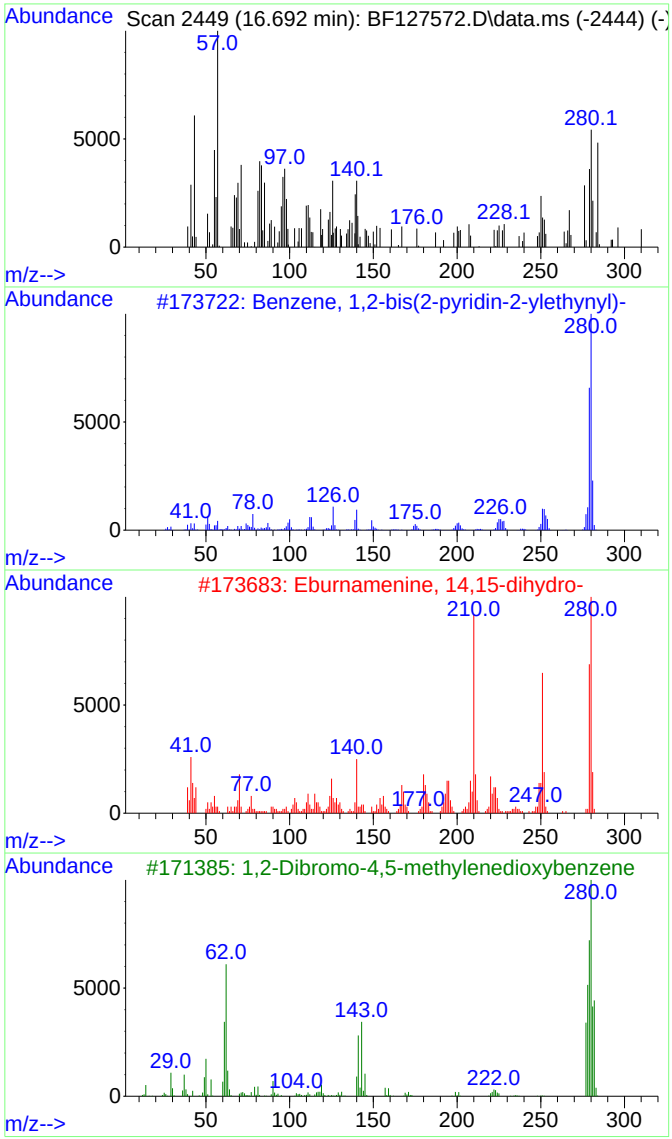
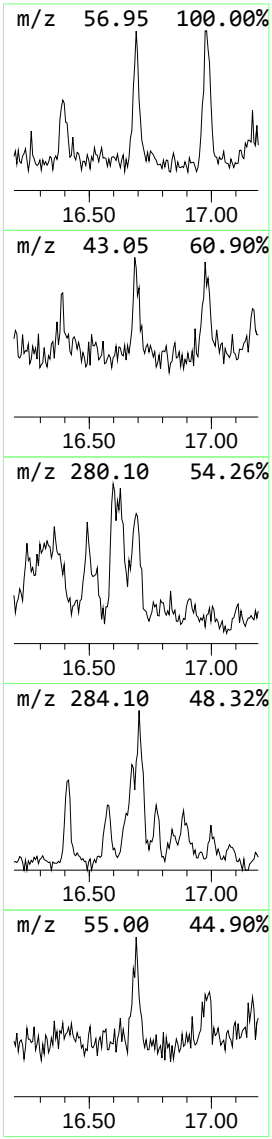
Peak Number 18 Benzene, 1,2-bis(2-pyridin-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	2.82 ng	83087	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-bis(2-pyridin-2-yle...	280	C20H12N2	350587-04-1	90
2	Eburnamenine, 14,15-dihydro-	280	C19H24N2	047122-74-7	38
3	1,2-Dibromo-4,5-methylenedioxybe...	278	C7H4Br2O2	005279-32-3	30
4	1,4-Diazafluoranthene, 5-phenyl-	280	C20H12N2	1000303-05-1	30
5	Imidazo[1,2-b]-1,2,4-benzotriazi...	280	C16H16N4O	1000277-17-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

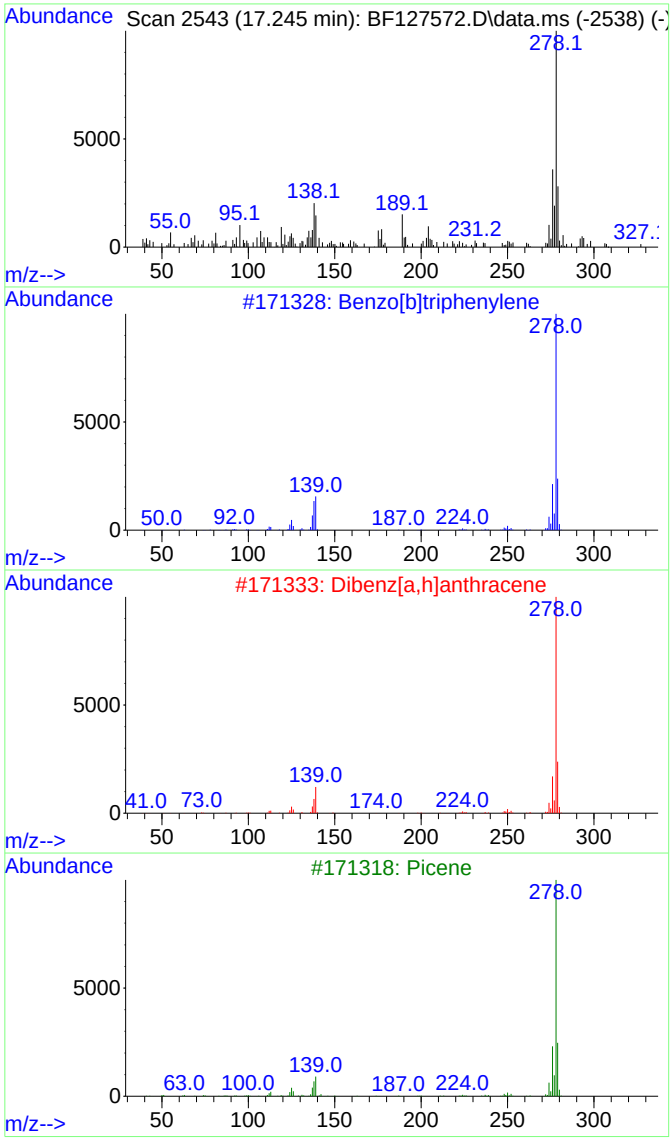
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

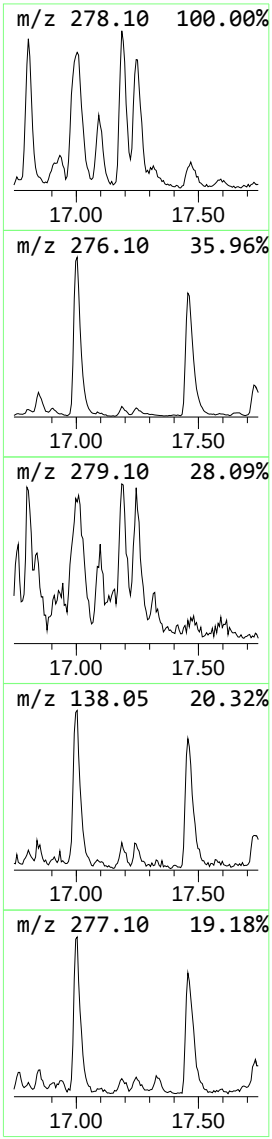
****

Peak Number 19 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	5.11 ng	150561	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
3	Picene	278	C22H14	000213-46-7	90
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	60
5	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
Data File : BF127572.D
Acq On : 29 Mar 2022 18:25
Operator : CG\JU
Sample : N2095-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-9.0-10.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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
Phenanthrene, 2...	11.863	5.0	ng	188368	4	11.363	748089	20.0
Anthracene, 1-m...	11.892	6.7	ng	251884	4	11.363	748089	20.0
4H-Cyclopenta[d...	11.980	9.6	ng	358786	4	11.363	748089	20.0
Phenanthrene, 1...	11.998	3.0	ng	111068	4	11.363	748089	20.0
Naphthalene, 2-...	12.157	3.8	ng	142102	4	11.363	748089	20.0
9,10-Anthracene...	12.204	3.6	ng	133323	4	11.363	748089	20.0
9,10-Dimethylan...	12.416	3.4	ng	126644	4	11.363	748089	20.0
Benzene, 1,1'-(...	12.680	3.4	ng	125554	4	11.363	748089	20.0
11H-Benzo[a]flu...	13.139	3.6	ng	287905	5	14.015	1576170	20.0
Benz[a]anthrace...	14.404	3.0	ng	233870	5	14.015	1576170	20.0
Benzo(e)pyrene,...	14.904	3.9	ng	115920	6	15.498	589533	20.0
Benzo[e]pyrene	15.174	5.6	ng	163877	6	15.498	589533	20.0
unknown15.310	15.310	2.8	ng	82090	6	15.498	589533	20.0
Perylene	15.368	18.4	ng	541671	6	15.498	589533	20.0
11H-Indeno[2,1-...	15.674	3.4	ng	100067	6	15.498	589533	20.0
Benzene, 1,2-bi...	16.692	2.8	ng	83087	6	15.498	589533	20.0
Benzo[b]triphen...	17.245	5.1	ng	150561	6	15.498	589533	20.0