LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122873.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	14	rVB	320102	411211	15.30%	1.633%
2	5.446	567	571	593	rBV	2467879	2486849	92.51%	9.875%
3	6.457	738	743	763	rBV	2332861	2617193	97.35%	10.392%
4	6.816	801	804	813	rBV	966943	848899	31.58%	3.371%
5	7.381	896	900	912	rBV	1566166	1682166	62.57%	6.679%
6	7.581	929	934	937	rVB	32608	30209	1.12%	0.120%
7	8.104	1018	1023	1049	rBV	1201872	1142807	42.51%	4.538%
8	9.181	1200	1206	1209	rBV	2797124	2688327	100.00%	10.675%
9	9.292	1221	1225	1230	rVB3	19797	31480	1.17%	0.125%
10	9.575	1269	1273	1281	rVB	166478	171976	6.40%	0.683%
11	9.857	1316	1321	1325	rBV	1393014	1245908	46.35%	4.947%
12	9.886	1325	1326	1337	rVB	68478	70125	2.61%	0.278%
13	10.063	1351	1356	1360	rBV2	23677	27305	1.02%	0.108%
14	10.404	1411	1414	1420	rVB	29765	32828	1.22%	0.130%
15	10.651	1451	1456	1468	rBV	1727869	1935967	72.01%	7.687%
16	10.775	1472	1477	1480	rVV4	23508	30084	1.12%	0.119%
17	11.157	1538	1542	1547	rBV2	78335	107162	3.99%	0.426%
18	11.239	1552	1556	1562	rVB2	23107	31990	1.19%	0.127%
19	11.345	1570	1574	1576	rBV	1330576	1157226	43.05%	4.595%
20	11.369	1576	1578	1582	rVV	271943	241261	8.97%	0.958%
21	11.422	1584	1587	1590	rVB	51814	47147	1.75%	0.187%
22	11.845	1656	1659	1661	rBV	46055	42497	1.58%	0.169%
23	11.875	1661	1664	1670	rVB3	110392	130181	4.84%	0.517%
24	11.957	1675	1678	1681	rBV2	81497	84681	3.15%	0.336%
25	12.398	1749	1753	1755	rBV	37865	37105	1.38%	0.147%
26	12.433	1755	1759	1761	rVV2	29011	35243	1.31%	0.140%
27	12.486	1764	1768	1772	rVB3	28202	29644	1.10%	0.118%
28	12.557	1776	1780	1785	rBV	516022	441120	16.41%	1.752%
29	12.786	1813	1819	1826	rBV	430466	442300	16.45%	1.756%
30	12.927	1836	1843	1847	rBV	2663496	2631890	97.90%	10.450%
31	13.004	1852	1856	1861	rVB4	34275	56583	2.10%	0.225%
32	13.092	1868	1871	1873	rBV3	30430	39608	1.47%	0.157%
33	13.116	1873	1875	1879	rVB	59265	52967	1.97%	0.210%
34	13.180	1884	1886	1889	rBV	40942	38398	1.43%	0.152%
35	13.222	1889	1893	1895	rBV2	43832	43558	1.62%	0.173%
36	13.627	1959	1962	1967	rVB	31765	32105	1.19%	0.127%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.739	1977	1981	1983	rBV2	35136	37145	1.38%	0.147%
38	13.863	1994	2002	2015	rBV5	74709	262318	9.76%	1.042%
39	13.986	2016	2023	2026	rVV2	1054714	1166639	43.40%	4.632%
40	14.010	2026	2027	2034	rVB	194641	168779	6.28%	0.670%
41	14.145	2046	2050	2055	rBV4	23986	34934	1.30%	0.139%
42	14.374	2087	2089	2092	rVB	40859	35385	1.32%	0.141%
43	14.451	2098	2102	2104	rBV3	55707	56988	2.12%	0.226%
44	14.504	2107	2111	2112	rBV2	48445	57381	2.13%	0.228%
45	14.827	2163	2166	2169	rBV	36358	37699	1.40%	0.150%
46	15.027	2196	2200	2203	rBV	163426	249178	9.27%	0.989%
47	15.086	2207	2210	2214	rVB2	75528	91019	3.39%	0.361%
48	15.133	2215	2218	2221	rBV	29180	30168	1.12%	0.120%
49	15.321	2247	2250	2256	rVV	90700	114165	4.25%	0.453%
50	15.386	2257	2261	2267	rVV	125567	155271	5.78%	0.617%
51	15.451	2267	2272	2287	rVB	727278	1040169	38.69%	4.130%
52	15.657	2304	2307	2316	rVB9	27625	47809	1.78%	0.190%
53	15.886	2342	2346	2351	rVB	63756	89066	3.31%	0.354%
54	16.010	2363	2367	2370	rBV5	28364	42672	1.59%	0.169%
55	16.380	2426	2430	2433	rBV	33505	47906	1.78%	0.190%
56	16.904	2514	2519	2525	rBV2	51920	112961	4.20%	0.449%
57	17.339	2589	2593	2599	rVB	42215	75714	2.82%	0.301%
58	17.639	2640	2644	2653	rVB7	23549	55090	2.05%	0.219%

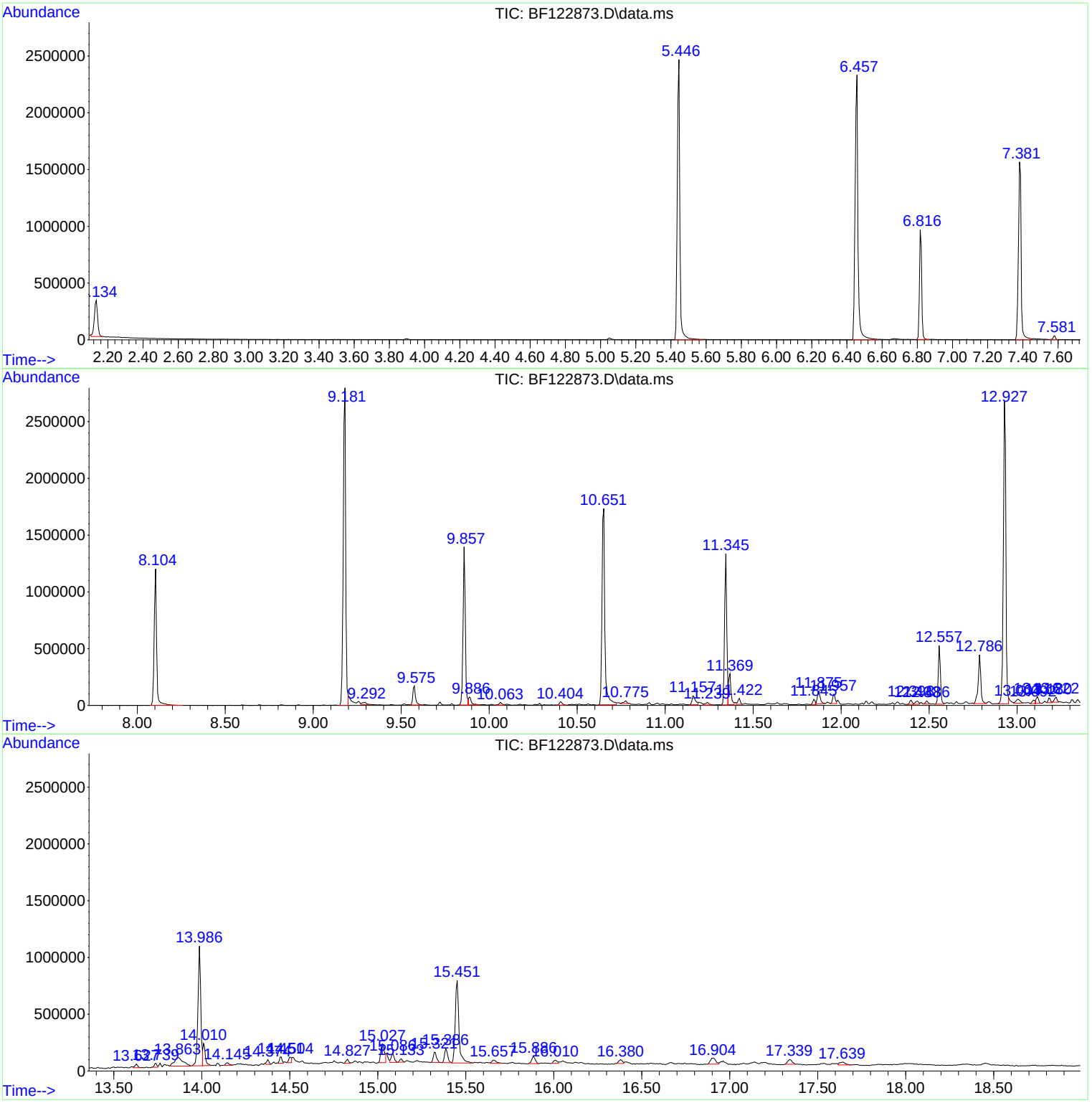
Sum of corrected areas: 25184456

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

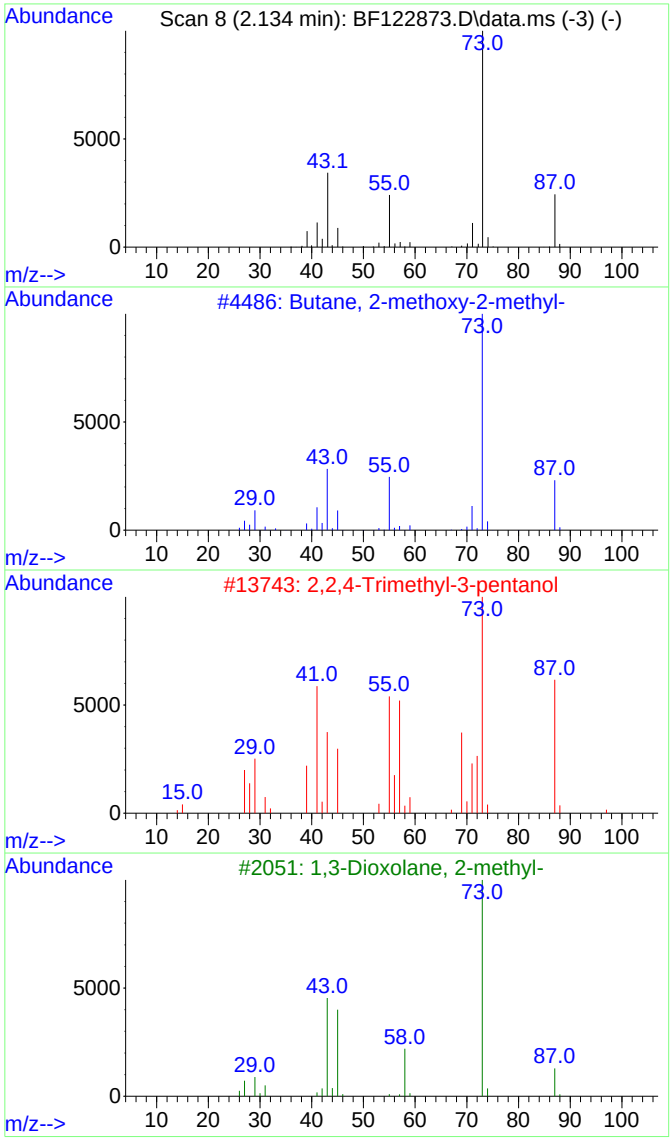
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

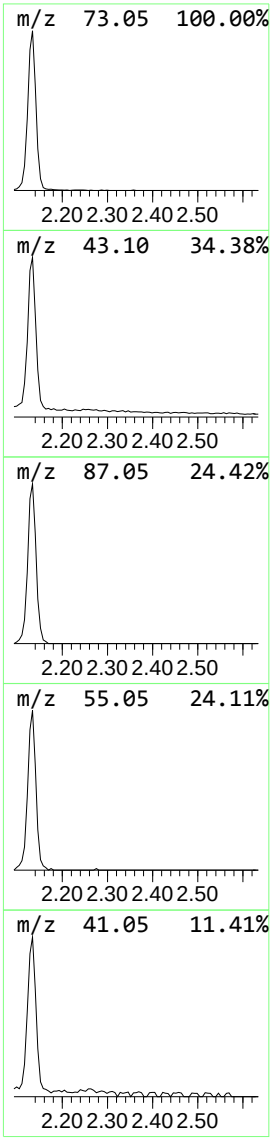
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	9.69 ng	411211	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

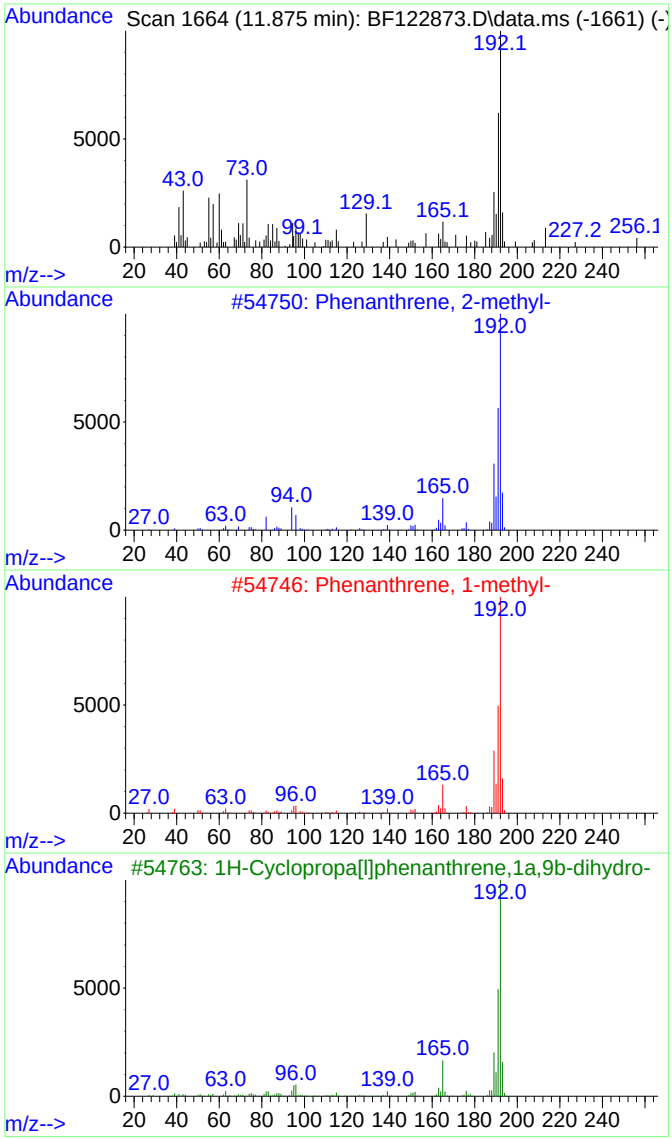
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

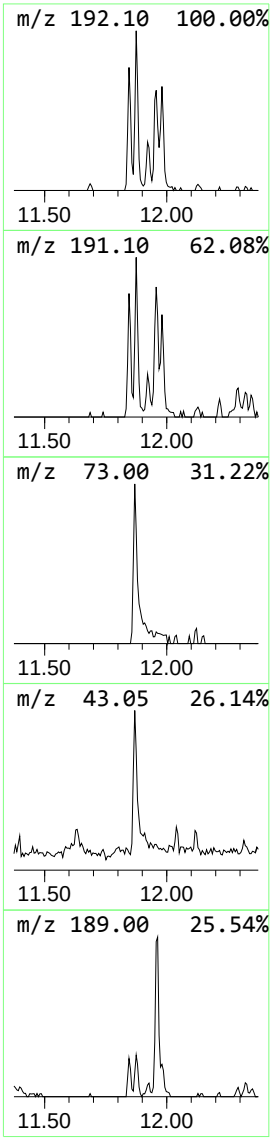
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.25 ng	130181	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

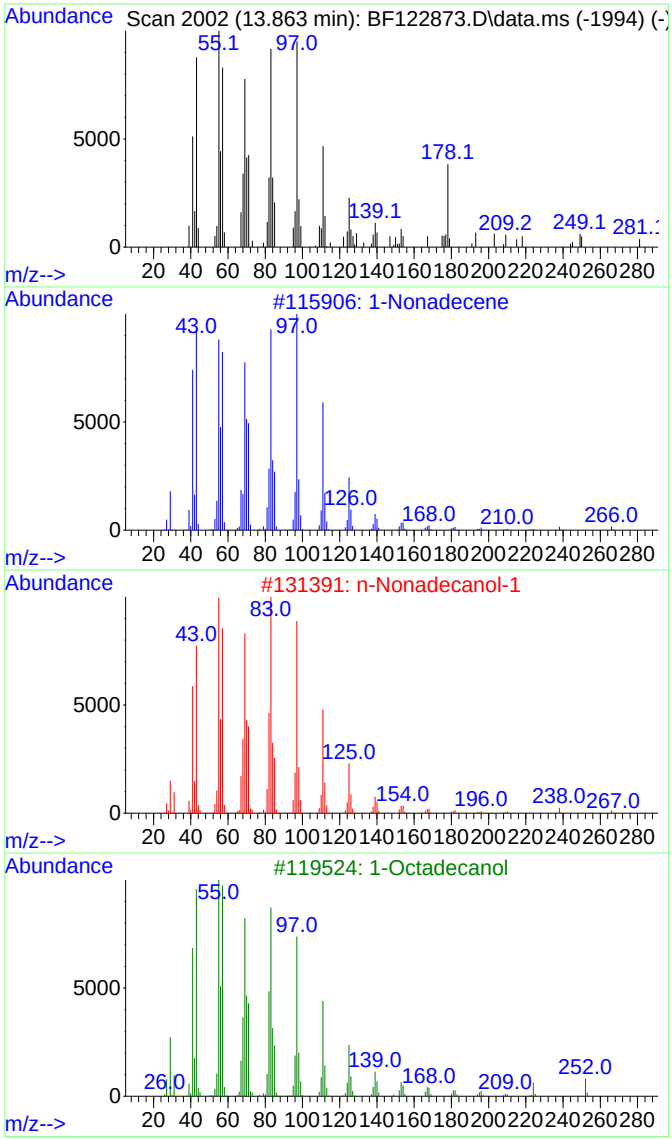
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

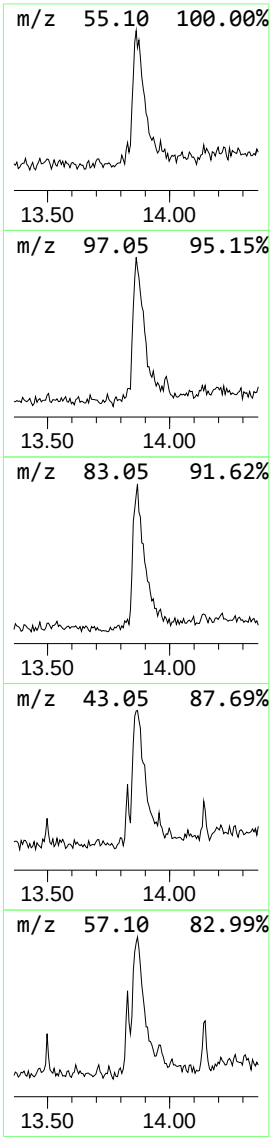
****

Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	4.50 ng	262318	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Octadecanol	270	C18H38O	000112-92-5	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83
5	1-Heneicosanol	312	C21H44O	015594-90-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

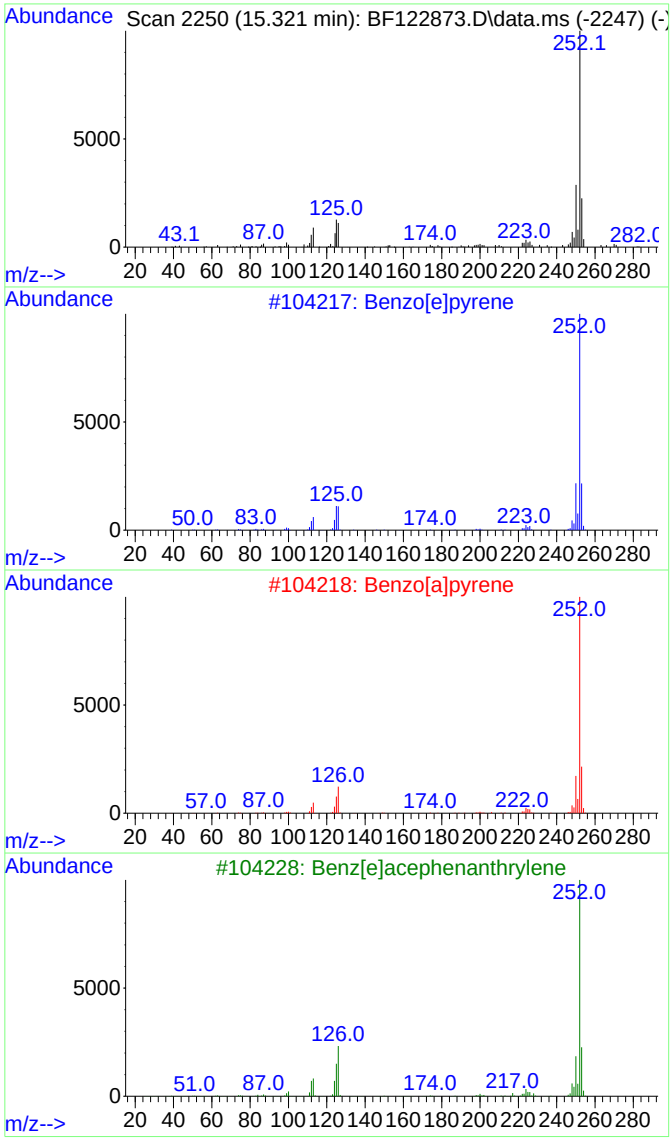
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

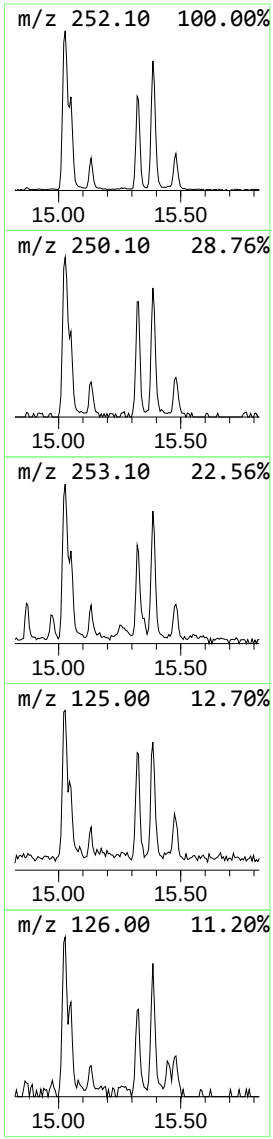
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	2.20 ng	114165	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122873.D
Acq On : 29 Dec 2020 20:16
Operator : JU/CG
Sample : L5221-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	9.7	ng	411211	1	6.816	848899	20.0
Phenanthrene, 2...	11.874	2.3	ng	130181	4	11.345	1157230	20.0
1-Nonadecene	13.863	4.5	ng	262318	5	13.986	1166640	20.0
Benzo[e]pyrene	15.321	2.2	ng	114165	6	15.451	1040170	20.0