LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141926.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	14	rVB	251065	362076	26.89%	2.909%
2	5.487	572	577	590	rBV	411979	541380	40.20%	4.350%
3	6.439	734	739	743	rBV	8292	14667	1.09%	0.118%
4	6.492	743	748	760	rVB	425342	551080	40.92%	4.428%
5	6.881	809	814	821	rBV	618776	756033	56.14%	6.074%
6	7.434	903	908	919	rBV	271572	347149	25.78%	2.789%
7	7.692	948	952	958	rBV	11692	14666	1.09%	0.118%
8	8.157	1026	1031	1053	rBV	713631	942833	70.01%	7.575%
9	9.233	1208	1214	1224	rBV	552292	709036	52.65%	5.697%
10	9.775	1301	1306	1313	rVB	14528	18859	1.40%	0.152%
11	9.910	1324	1329	1343	rVB	800338	1028544	76.38%	8.264%
12	10.463	1418	1423	1429	rVB2	12214	18915	1.40%	0.152%
13	10.622	1444	1450	1457	rVB	41584	57653	4.28%	0.463%
14	10.698	1458	1463	1478	rVB	301171	402133	29.86%	3.231%
15	11.004	1508	1515	1518	rBV5	8249	14902	1.11%	0.120%
16	11.292	1560	1564	1570	rVB2	13066	19748	1.47%	0.159%
17	11.398	1577	1582	1591	rBV2	793076	1228993	91.26%	9.874%
18	11.474	1591	1595	1598	rVB	18889	25192	1.87%	0.202%
19	11.627	1616	1621	1628	rBV2	12141	25767	1.91%	0.207%
20	11.727	1635	1638	1644	rVB	13020	16541	1.23%	0.133%
21	11.921	1662	1671	1676	rBV2	88609	201223	14.94%	1.617%
22	12.010	1682	1686	1689	rBV	55975	84578	6.28%	0.680%
23	12.098	1695	1701	1704	rBV6	7078	14199	1.05%	0.114%
24	12.198	1710	1718	1719	rBV2	26806	46598	3.46%	0.374%
25	12.216	1719	1721	1726	rVB2	32780	38006	2.82%	0.305%
26	12.345	1737	1743	1745	rBV3	13762	23868	1.77%	0.192%
27	12.445	1755	1760	1764	rBV	46016	72827	5.41%	0.585%
28	12.480	1764	1766	1772	rVV2	24927	45525	3.38%	0.366%
29	12.533	1772	1775	1781	rVV3	24504	36226	2.69%	0.291%
30	12.610	1783	1788	1793	rVV	286725	355430	26.39%	2.856%
31	12.704	1801	1804	1807	rVV	15831	21970	1.63%	0.177%
32	12.733	1807	1809	1812	rVV2	15214	20569	1.53%	0.165%
33	12.763	1812	1814	1819	rVV2	14225	16786	1.25%	0.135%
34	12.839	1820	1827	1833	rVV	270973	399841	29.69%	3.212%
35	12.892	1833	1836	1840	rVB2	20602	27690	2.06%	0.222%
36	12.980	1844	1851	1859	rVB	555871	735857	54.64%	5.912%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.057	1859	1864	1871	rBV3	33278	65602	4.87%	0.527%
38	13.163	1875	1882	1886	rVB2	42107	82874	6.15%	0.666%
39	13.233	1887	1894	1896	rBV2	27221	47498	3.53%	0.382%
40	13.268	1896	1900	1908	rVB2	38964	56411	4.19%	0.453%
41	13.363	1913	1916	1918	rVV2	25988	31429	2.33%	0.253%
42	13.392	1918	1921	1925	rVB	23662	30157	2.24%	0.242%
43	13.557	1946	1949	1957	rVB5	15430	32570	2.42%	0.262%
44	13.668	1965	1968	1975	rVB	30160	45074	3.35%	0.362%
45	13.780	1982	1987	1990	rBV2	34040	61280	4.55%	0.492%
46	13.880	2000	2004	2014	rVB3	70711	111129	8.25%	0.893%
47	14.033	2023	2030	2041	rBV2	815642	1346645	100.00%	10.819%
48	14.198	2055	2058	2064	rVB2	55159	71510	5.31%	0.575%
49	14.504	2106	2110	2114	rBV	77193	111041	8.25%	0.892%
50	14.810	2160	2162	2172	rVB2	75640	120354	8.94%	0.967%
51	15.074	2203	2207	2216	rBV	88223	184064	13.67%	1.479%
52	15.157	2218	2221	2225	rVB	44011	52306	3.88%	0.420%
53	15.439	2266	2269	2275	rVB	61404	95165	7.07%	0.765%
54	15.509	2275	2281	2285	rBV	415533	664236	49.33%	5.337%

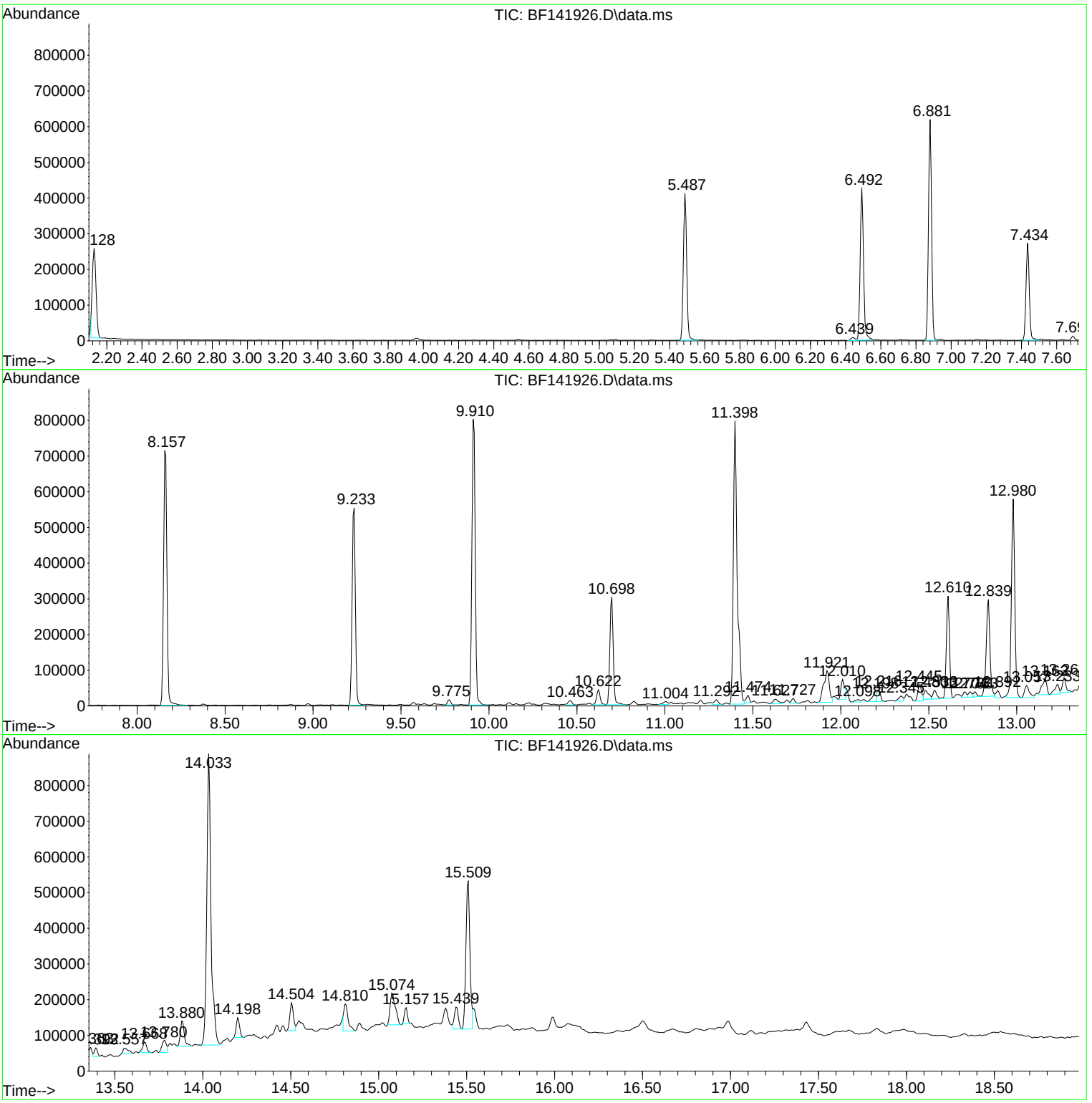
Sum of corrected areas: 12446705

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

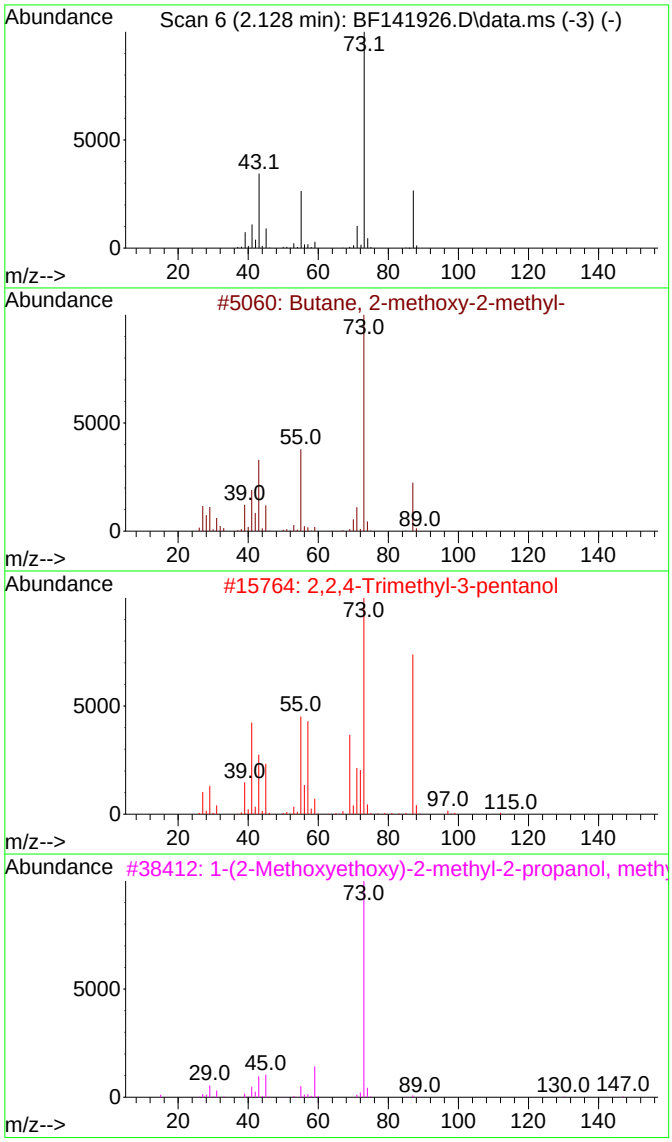
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

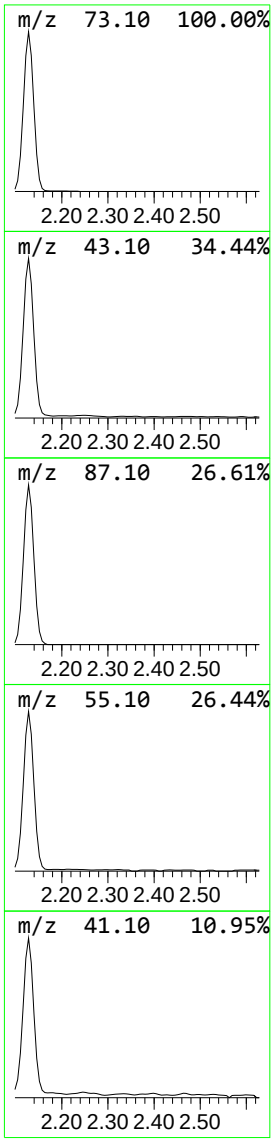
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	9.58 ng	362076	1,4-Dichlorobenzene-d4	6.881

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	40
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

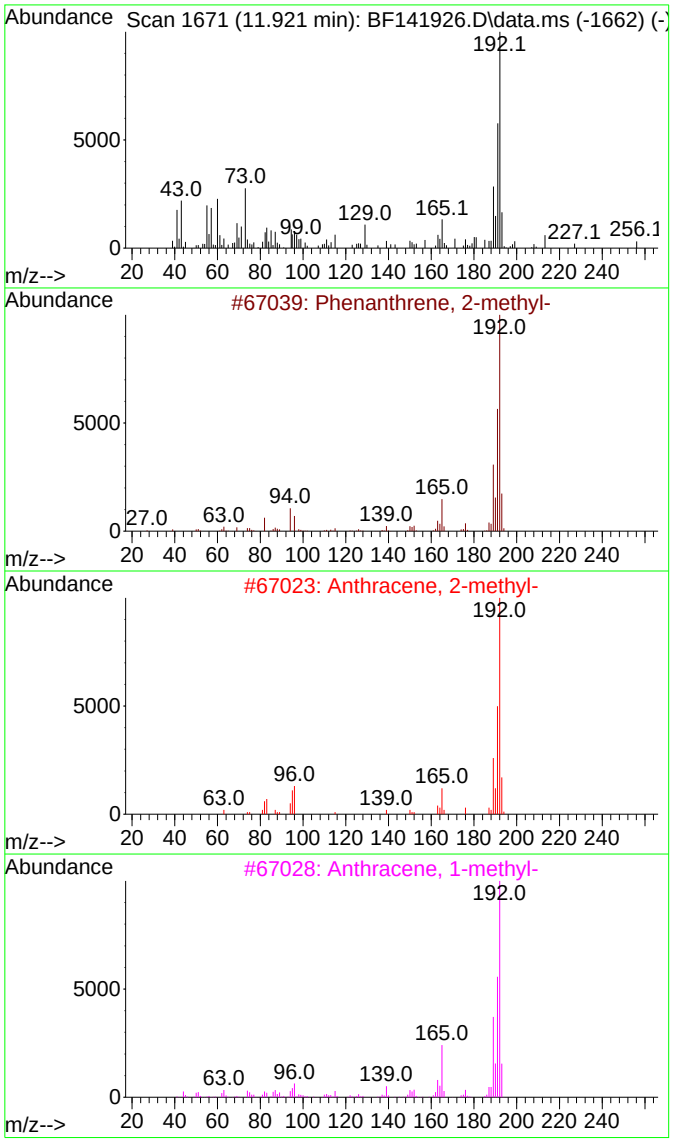
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

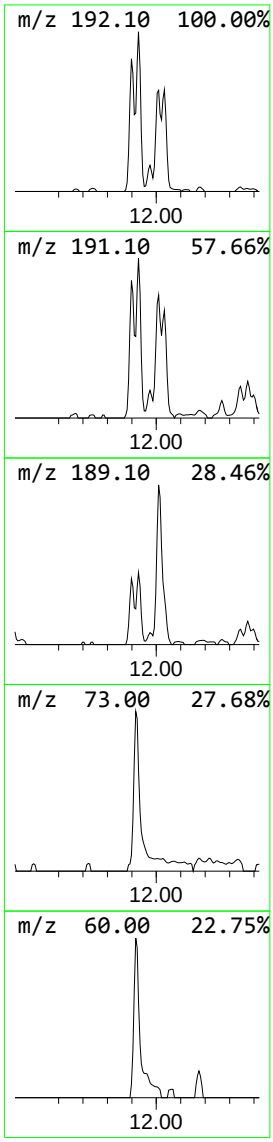
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.27 ng	201223	Phenanthrene-d10	11.398

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	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

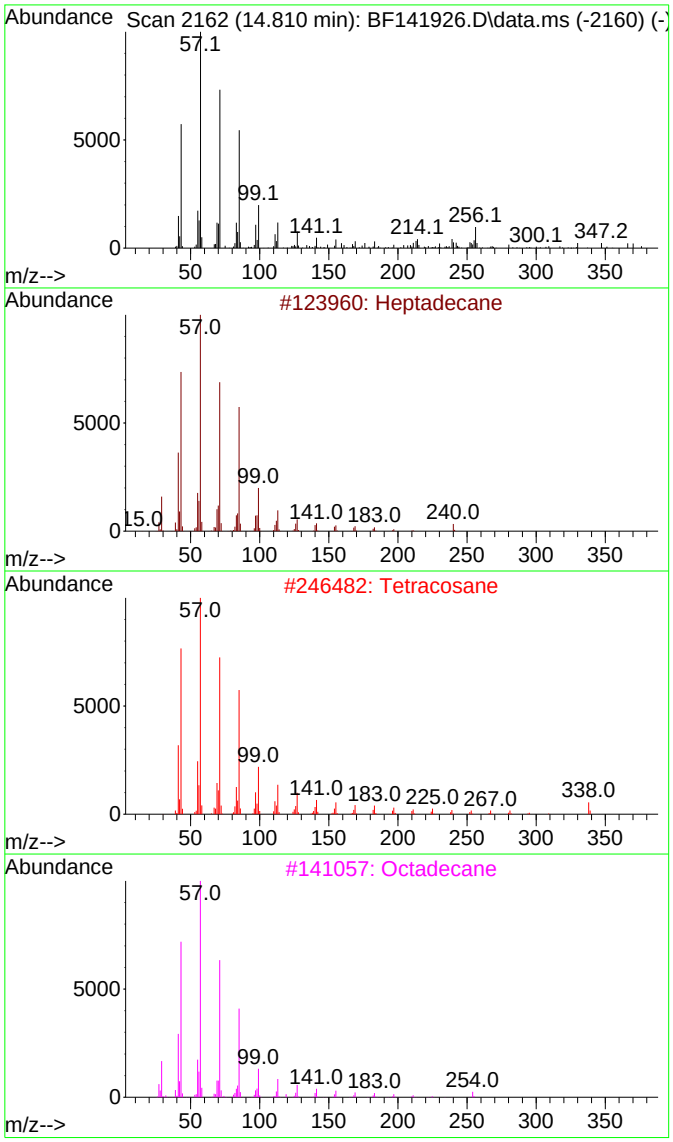
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

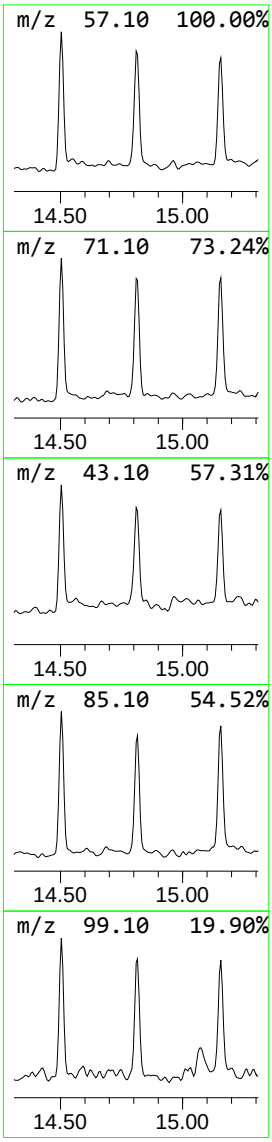
****

Peak Number 3 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	3.62 ng	120354	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141926.D
Acq On : 11 Mar 2025 20:12
Operator : RC/JU
Sample : Q1534-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.128	9.6	ng	362076	1	6.881	756033	20.0
Phenanthrene, 2...	11.922	3.3	ng	201223	4	11.398	1228990	20.0
Heptadecane	14.810	3.6	ng	120354	6	15.509	664236	20.0