LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-102720

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	584	rBV	635092	962214	86.49%	6.628%
2	6.369	725	728	753	rBV	687518	1021336	91.81%	7.035%
3	6.604	764	768	773	rBV3	6965	15760	1.42%	0.109%
4	6.716	783	787	798	rVB	636542	621411	55.86%	4.280%
5	7.281	880	883	906	rBV	500461	643486	57.84%	4.432%
6	7.998	1001	1005	1014	rBV	851049	786827	70.73%	5.420%
7	9.069	1184	1187	1196	rBV	1308772	1112493	100.00%	7.663%
8	9.145	1197	1200	1204	rVB	16708	16681	1.50%	0.115%
9	9.469	1252	1255	1263	rVB	125411	137400	12.35%	0.946%
10	9.616	1275	1280	1283	rBV	20918	20090	1.81%	0.138%
11	9.675	1287	1290	1295	rVB	26811	20819	1.87%	0.143%
12	9.745	1299	1302	1306	rVV	1001682	889933	79.99%	6.130%
13	9.781	1306	1308	1312	rVB	24096	24282	2.18%	0.167%
14	9.992	1342	1344	1348	rVB3	12142	13074	1.18%	0.090%
15	10.175	1372	1375	1377	rVB	34824	26383	2.37%	0.182%
16	10.304	1393	1397	1402	rVB2	19640	23315	2.10%	0.161%
17	10.392	1408	1412	1414	rBV2	12212	13389	1.20%	0.092%
18	10.539	1434	1437	1447	rBV	557243	617956	55.55%	4.256%
19	10.645	1452	1455	1460	rBV	42520	51007	4.58%	0.351%
20	10.845	1485	1489	1492	rBV4	8567	14136	1.27%	0.097%
21	11.092	1528	1531	1533	rBV	41375	30407	2.73%	0.209%
22	11.122	1533	1536	1537	rBV	16585	14498	1.30%	0.100%
23	11.233	1551	1555	1558	rBV	981832	846349	76.08%	5.830%
24	11.257	1558	1559	1566	rVV	209724	166637	14.98%	1.148%
25	11.316	1566	1569	1575	rVB	49379	52894	4.75%	0.364%
26	11.486	1592	1598	1601	rBV3	15519	24026	2.16%	0.165%
27	11.516	1601	1603	1607	rVV2	33556	29750	2.67%	0.205%
28	11.622	1617	1621	1624	rVB	218022	167237	15.03%	1.152%
29	11.739	1638	1641	1643	rBV	33393	31457	2.83%	0.217%
30	11.769	1643	1646	1652	rVV2	60004	69850	6.28%	0.481%
31	11.816	1652	1654	1657	rVV	17133	18841	1.69%	0.130%
32	11.851	1657	1660	1662	rVV	55330	59890	5.38%	0.413%
33	11.875	1662	1664	1667	rVV	25502	22208	2.00%	0.153%
34	11.927	1670	1673	1677	rBV	31474	35508	3.19%	0.245%
35	12.033	1688	1691	1696	rBV2	28315	32056	2.88%	0.221%
36	12.080	1697	1699	1704	rVB3	15975	19701	1.77%	0.136%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-102720

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.210	1718	1721	1724	rBV2	12535	12968	1.17%	0.089%
38	12.304	1731	1737	1739	rBV2	383295	426135	38.30%	2.935%
39	12.327	1739	1741	1743	rVV	868042	692303	62.23%	4.769%
40	12.392	1747	1752	1753	rBV3	16987	25390	2.28%	0.175%
41	12.410	1753	1755	1758	rVB	143397	112878	10.15%	0.778%
42	12.451	1758	1762	1767	rBV	323187	318357	28.62%	2.193%
43	12.551	1776	1779	1782	rVB	16336	13374	1.20%	0.092%
44	12.604	1785	1788	1790	rBV	28972	25709	2.31%	0.177%
45	12.627	1790	1792	1795	rVV3	16789	16960	1.52%	0.117%
46	12.680	1795	1801	1807	rVV	309315	363379	32.66%	2.503%
47	12.733	1807	1810	1814	rVB3	23876	26598	2.39%	0.183%
48	12.816	1820	1824	1827	rBV	1022790	877730	78.90%	6.046%
49	12.898	1834	1838	1841	rBV2	28412	51047	4.59%	0.352%
50	13.010	1849	1857	1860	rBV	54263	105988	9.53%	0.730%
51	13.039	1860	1862	1866	rVV2	40098	51624	4.64%	0.356%
52	13.074	1866	1868	1871	rVB2	31547	25385	2.28%	0.175%
53	13.116	1871	1875	1877	rBV2	40947	46636	4.19%	0.321%
54	13.210	1888	1891	1893	rBV	19820	19792	1.78%	0.136%
55	13.239	1893	1896	1903	rVV2	23571	37140	3.34%	0.256%
56	13.380	1917	1920	1923	rBV2	46381	42525	3.82%	0.293%
57	13.498	1937	1940	1942	rBV3	15180	19380	1.74%	0.133%
58	13.633	1961	1963	1964	rBV	21220	17285	1.55%	0.119%
59	13.680	1969	1971	1973	rBV	20344	19545	1.76%	0.135%
60	13.733	1973	1980	1987	rVB7	74458	199852	17.96%	1.377%
61	13.880	2000	2005	2008	rBV2	675831	814027	73.17%	5.607%
62	13.904	2008	2009	2015	rVB	151978	119769	10.77%	0.825%
63	13.986	2021	2023	2025	rVB	20374	16113	1.45%	0.111%
64	14.027	2027	2030	2032	rBV	45127	43456	3.91%	0.299%
65	14.333	2079	2082	2085	rBV3	53699	62177	5.59%	0.428%
66	14.627	2130	2132	2134	rVB	45486	34118	3.07%	0.235%
67	14.910	2176	2180	2182	rBV	134035	180070	16.19%	1.240%
68	15.198	2226	2229	2232	rBV	77582	78395	7.05%	0.540%
69	15.257	2236	2239	2242	rBV	107880	116372	10.46%	0.802%
70	15.316	2244	2249	2253	rVV	478972	612332	55.04%	4.218%
71	15.704	2311	2315	2321	rBV	52686	78485	7.05%	0.541%
72	16.733	2483	2490	2498	rVB3	67838	161357	14.50%	1.111%

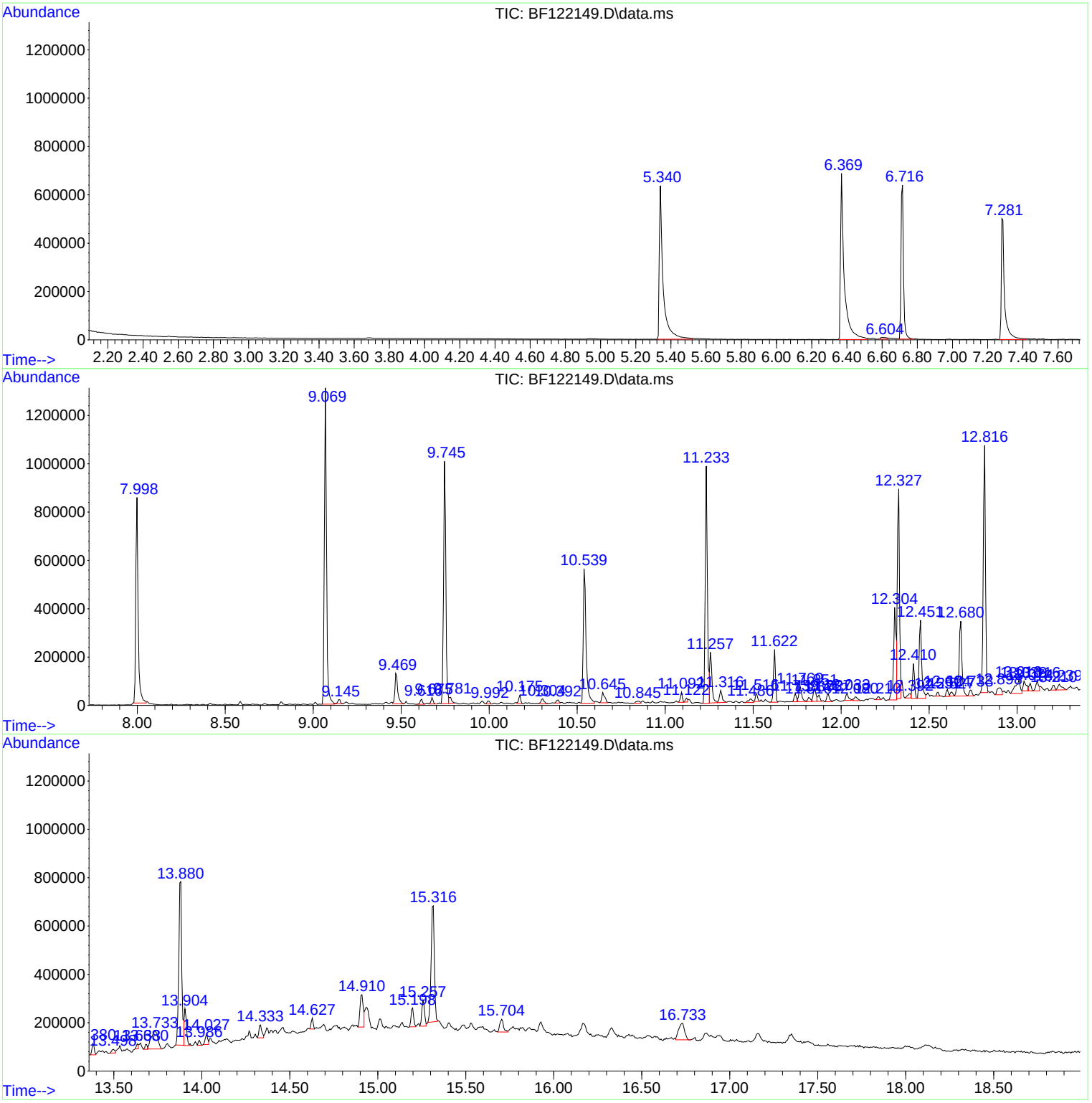
Sum of corrected areas: 14517952

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-102720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-102720

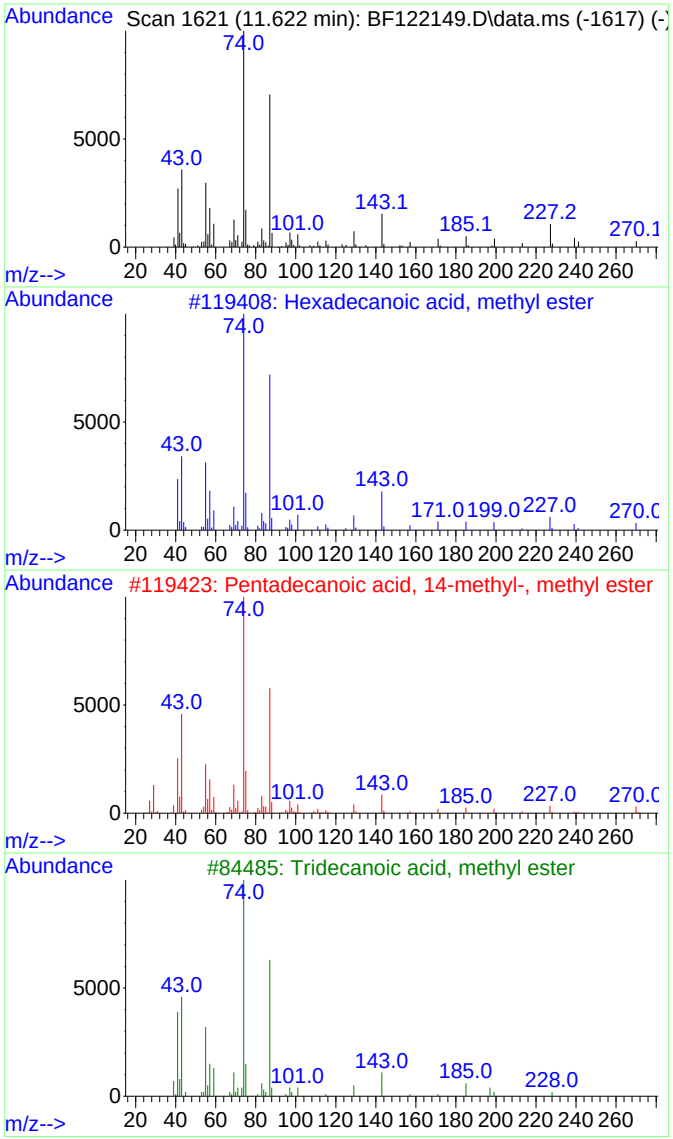
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

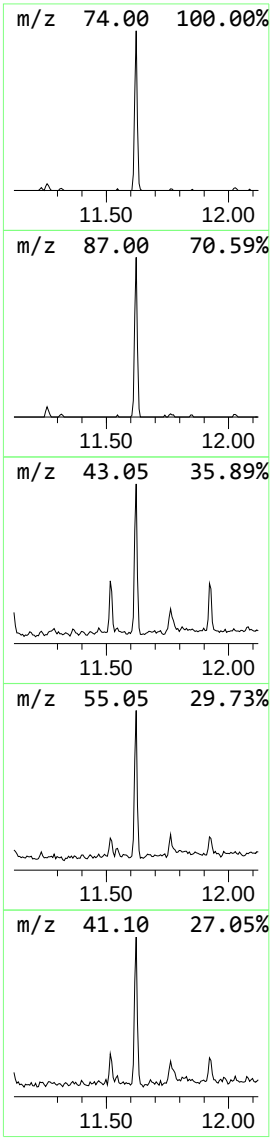
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	3.95 ng	167237	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-102720

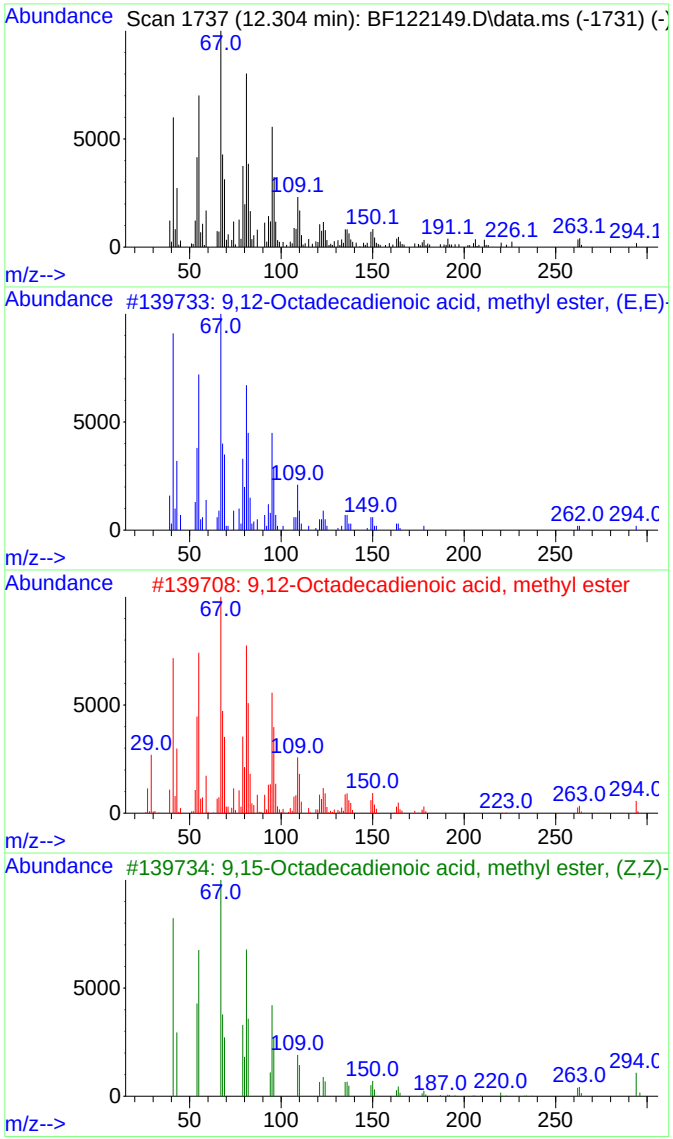
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

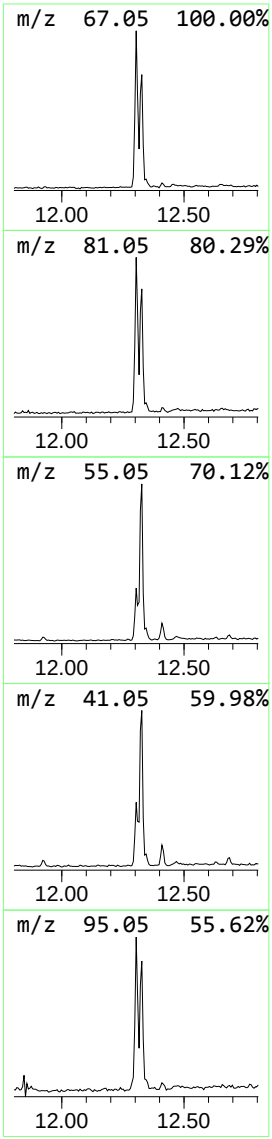
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	10.07 ng	426135	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-102720

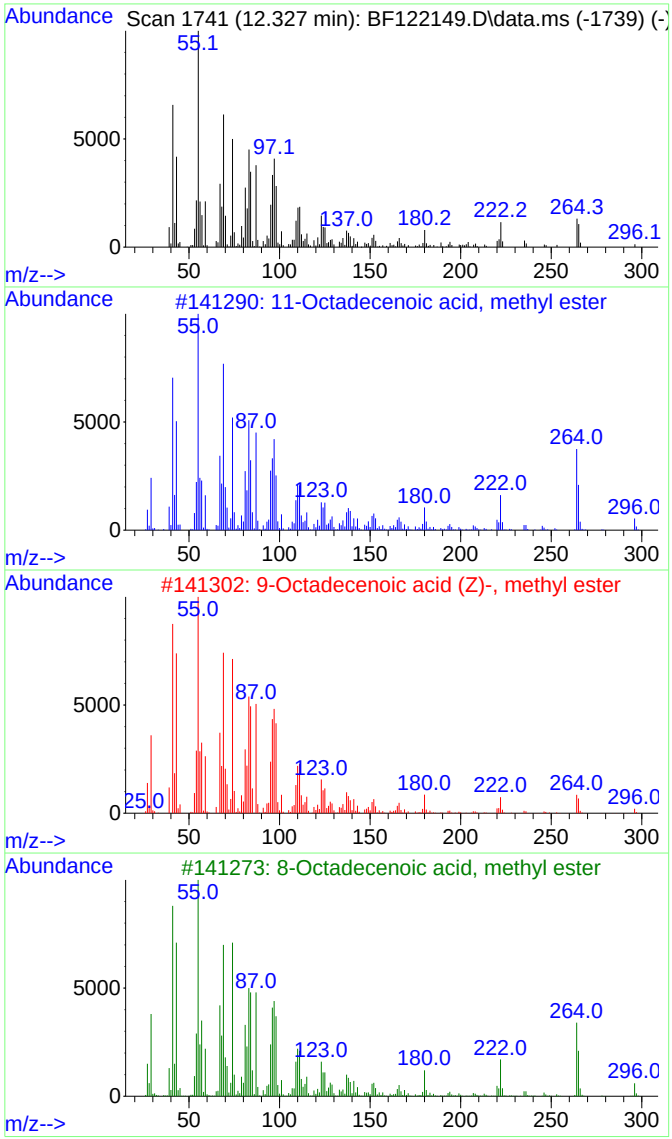
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

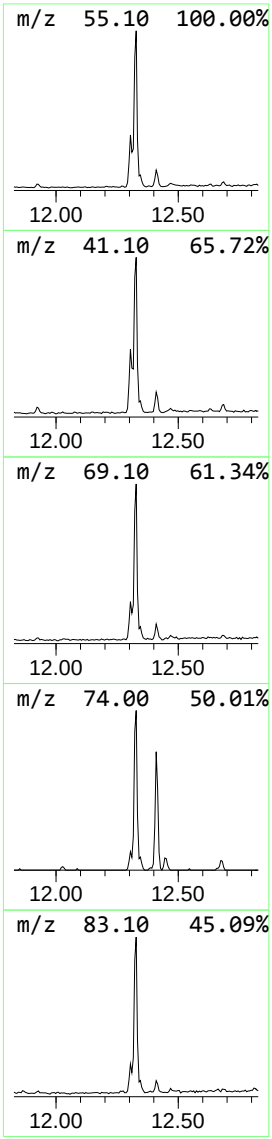
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	16.36 ng	692303	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-102720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

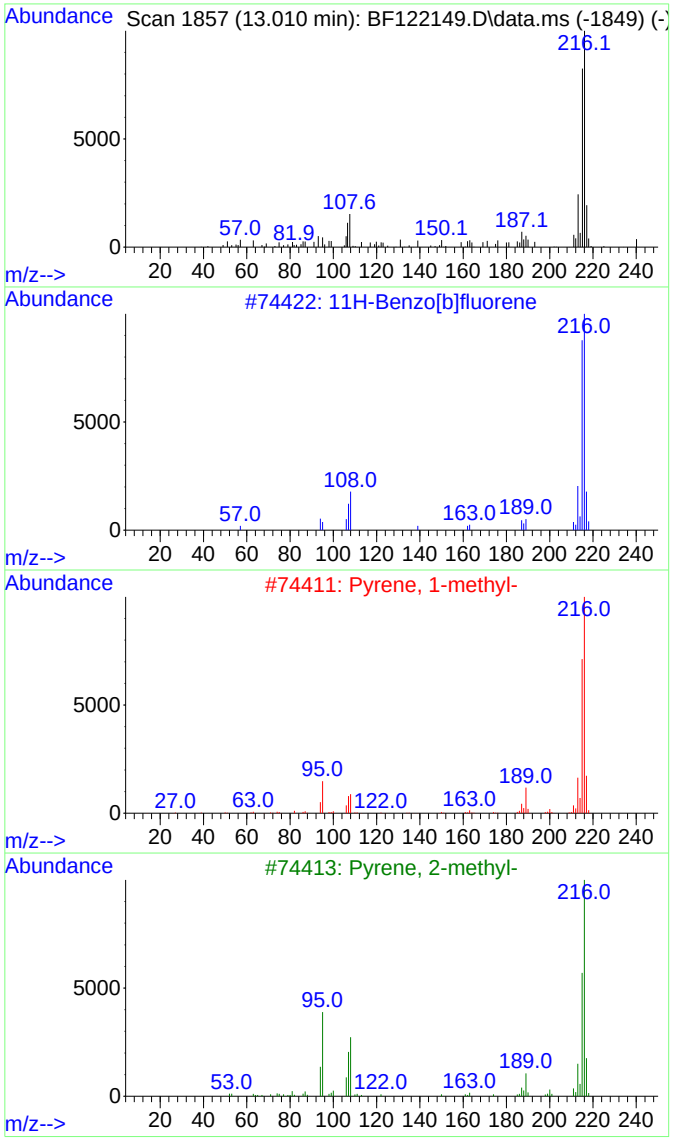
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

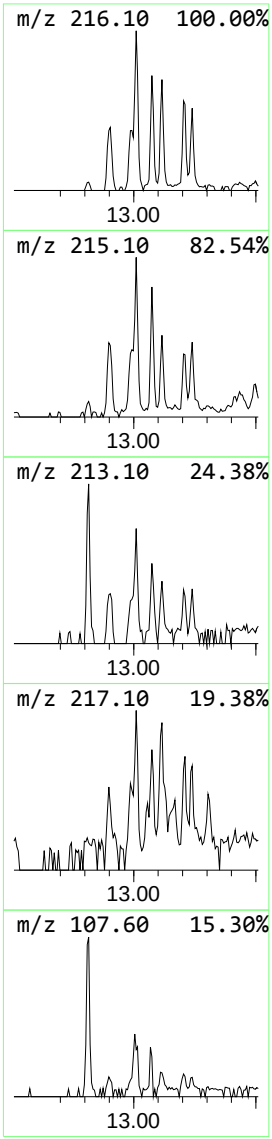
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	2.60 ng	105988	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-102720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

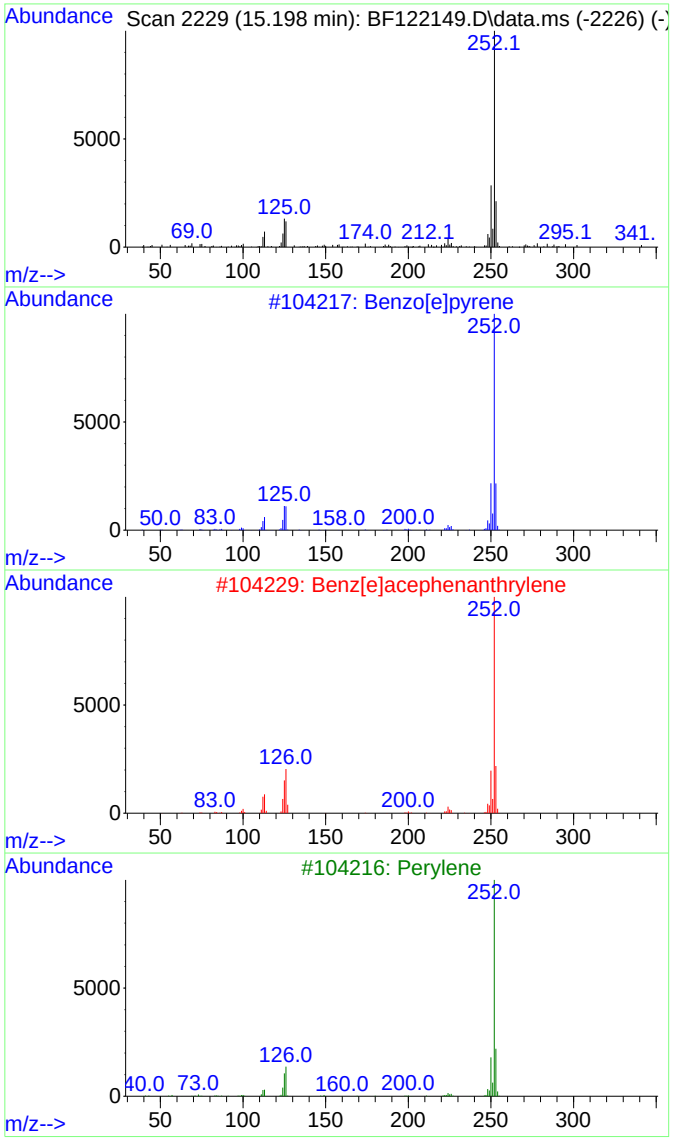
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

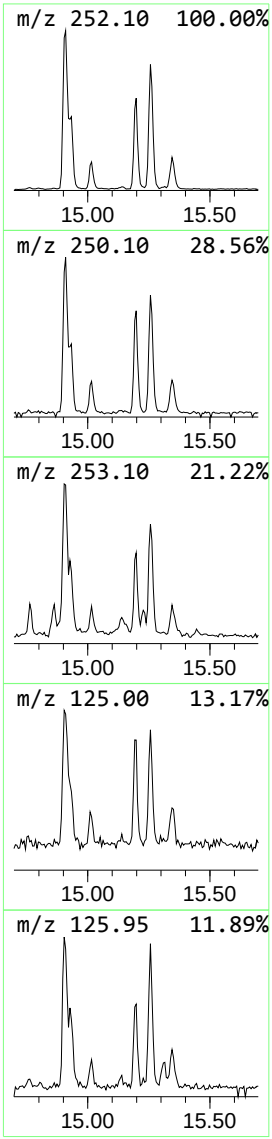
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	2.56 ng	78395	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-102720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

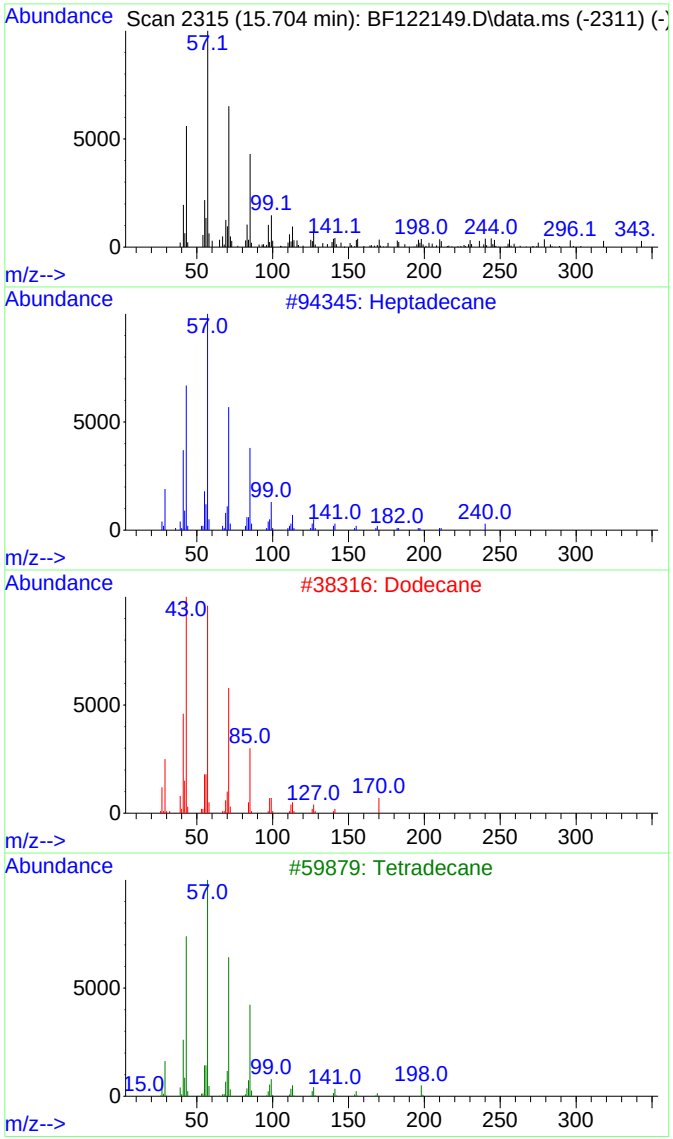
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

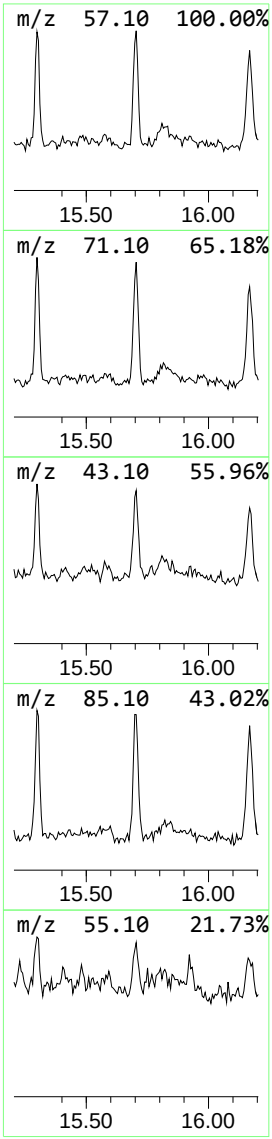
****

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	2.56 ng	78485	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Dodecane	170	C12H26	000112-40-3	76
3	Tetradecane	198	C14H30	000629-59-4	70
4	Octacosane	394	C28H58	000630-02-4	70
5	Heneicosane	296	C21H44	000629-94-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122149.D
Acq On : 28 Oct 2020 15:55
Operator : JU/CG
Sample : L4224-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-102720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Hexadecanoic ac...	11.622	4.0	ng	167237	4	11.233	846349	20.0
9,12-Octadecadi...	12.304	10.1	ng	426135	4	11.233	846349	20.0
11-Octadecenoic...	12.328	16.4	ng	692303	4	11.233	846349	20.0
11H-Benzo[b]flu...	13.010	2.6	ng	105988	5	13.880	814027	20.0
Benzo[e]pyrene	15.198	2.6	ng	78395	6	15.316	612332	20.0
Heptadecane	15.704	2.6	ng	78485	6	15.316	612332	20.0