LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	473	476	487	rVB	124369	163412	3.85%	0.457%
2	5.487	540	544	547	rBV	3832925	3354665	78.99%	9.386%
3	6.493	710	715	718	rBV	3610396	3404146	80.15%	9.525%
4	6.846	771	775	778	rBV	1264808	1033282	24.33%	2.891%
5	7.410	865	871	874	rBV	2370457	2271094	53.48%	6.354%
6	8.128	988	993	996	rBV	1644757	1391887	32.77%	3.894%
7	9.204	1169	1176	1179	rBV	4295243	4247010	100.00%	11.883%
8	9.881	1285	1291	1295	rBV	1838855	1552188	36.55%	4.343%
9	10.675	1421	1426	1429	rBV	2810825	2393277	56.35%	6.696%
10	11.369	1540	1544	1547	rBV	1535671	1434506	33.78%	4.014%
11	11.392	1547	1548	1553	rVV	186113	130596	3.08%	0.365%
12	11.445	1553	1557	1560	rVB	38478	45407	1.07%	0.127%
13	11.898	1631	1634	1637	rVB	54577	56502	1.33%	0.158%
14	11.986	1645	1649	1651	rBV2	52043	53479	1.26%	0.150%
15	12.586	1747	1751	1755	rBV	832103	684198	16.11%	1.914%
16	12.816	1787	1790	1793	rVB	820023	675718	15.91%	1.891%
17	12.863	1796	1798	1802	rVB2	45068	42785	1.01%	0.120%
18	12.957	1802	1814	1817	rBV	3922482	3391864	79.86%	9.490%
19	13.033	1821	1827	1831	rBV2	56631	98078	2.31%	0.274%
20	13.116	1838	1841	1842	rBV3	50114	47509	1.12%	0.133%
21	13.145	1842	1846	1848	rVB	144734	159972	3.77%	0.448%
22	13.210	1854	1857	1860	rBV	122734	89432	2.11%	0.250%
23	13.245	1860	1863	1866	rBV2	84663	92840	2.19%	0.260%
24	13.339	1876	1879	1882	rBV	63691	59997	1.41%	0.168%
25	13.369	1882	1884	1887	rVV	62210	63493	1.50%	0.178%
26	13.627	1924	1928	1930	rBV2	36359	49830	1.17%	0.139%
27	13.651	1930	1932	1936	rVB	58382	64160	1.51%	0.180%
28	13.763	1946	1951	1954	rBV2	78405	98428	2.32%	0.275%
29	13.792	1954	1956	1958	rVV	91337	71474	1.68%	0.200%
30	13.816	1958	1960	1961	rVV	58832	48289	1.14%	0.135%
31	13.863	1963	1968	1978	rVB3	205728	468861	11.04%	1.312%
32	14.016	1989	1994	1996	rBV2	1127282	1437371	33.84%	4.022%
33	14.039	1996	1998	2004	rVB	615883	572069	13.47%	1.601%
34	14.104	2004	2009	2014	rBV2	210393	261207	6.15%	0.731%
35	14.245	2029	2033	2036	rVB2	81408	91701	2.16%	0.257%
36	14.404	2055	2060	2062	rBV	129318	129331	3.05%	0.362%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.433	2062	2065	2068	rVV	69044	59564	1.40%	0.167%
38	14.463	2068	2070	2074	rVV3	77402	93307	2.20%	0.261%
39	14.527	2078	2081	2083	rVV2	97703	111977	2.64%	0.313%
40	14.545	2083	2084	2089	rVB2	63081	54139	1.27%	0.151%
41	15.057	2166	2171	2174	rBV	548342	805984	18.98%	2.255%
42	15.168	2186	2190	2193	rBV	106425	132238	3.11%	0.370%
43	15.257	2201	2205	2206	rBV2	37744	43921	1.03%	0.123%
44	15.363	2219	2223	2229	rVB	338406	439585	10.35%	1.230%
45	15.427	2229	2234	2238	rBV	536269	630453	14.84%	1.764%
46	15.492	2239	2245	2248	rBV	733098	924016	21.76%	2.585%
47	15.521	2248	2250	2258	rVB2	132870	173156	4.08%	0.484%
48	15.692	2277	2279	2288	rVB6	73321	151084	3.56%	0.423%
49	15.845	2303	2305	2312	rVB4	29614	47055	1.11%	0.132%
50	15.916	2312	2317	2323	rBV2	136839	229926	5.41%	0.643%
51	16.410	2397	2401	2408	rVB5	63341	123386	2.91%	0.345%
52	16.968	2490	2496	2502	rBV2	250252	535840	12.62%	1.499%
53	17.110	2514	2520	2524	rBV3	132315	281025	6.62%	0.786%
54	17.198	2531	2535	2542	rVB3	68367	132088	3.11%	0.370%
55	17.415	2566	2572	2586	rVB	198826	449937	10.59%	1.259%
56	17.657	2609	2613	2618	rBV2	43714	91795	2.16%	0.257%

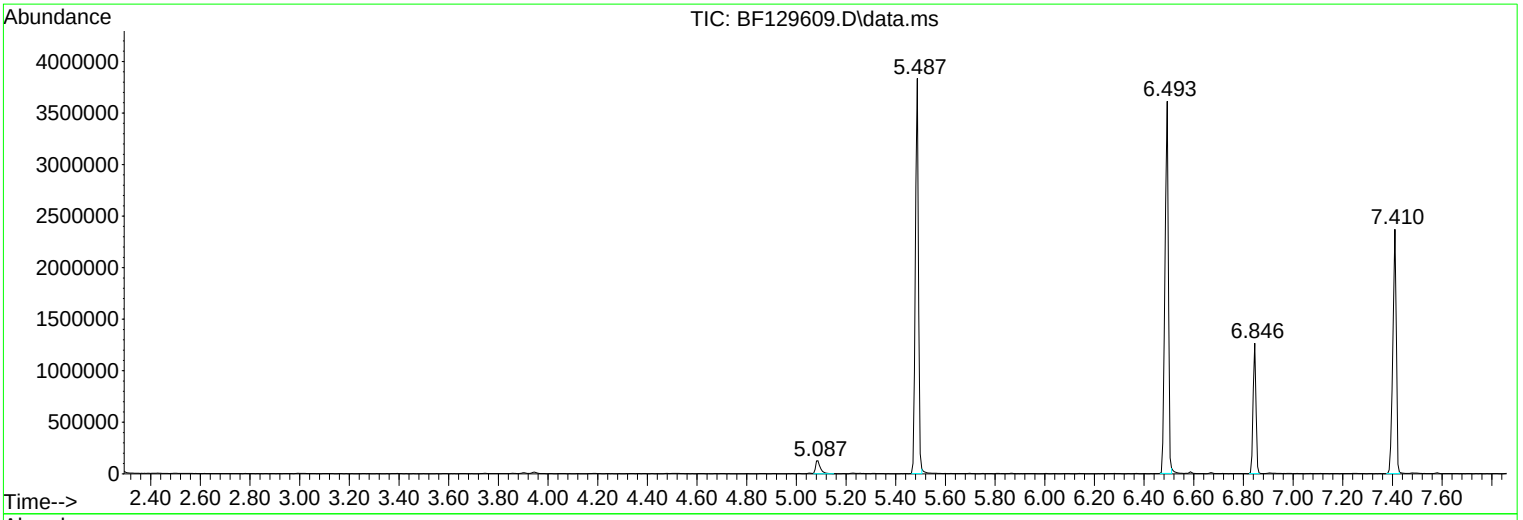
Sum of corrected areas: 35740534

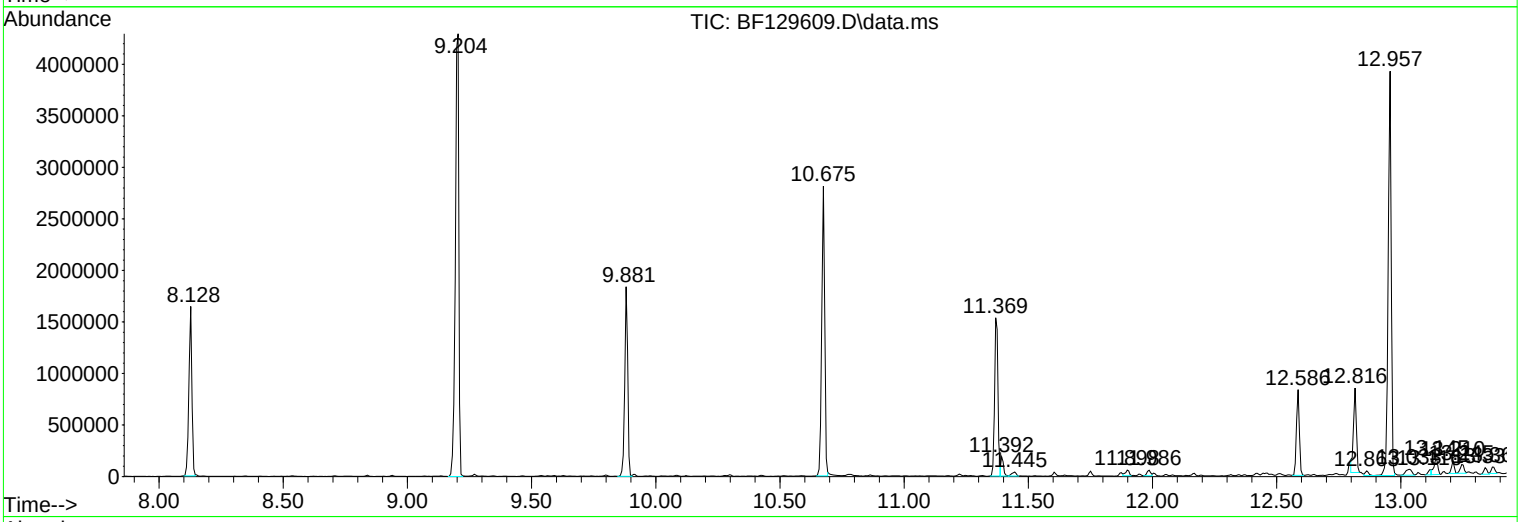
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

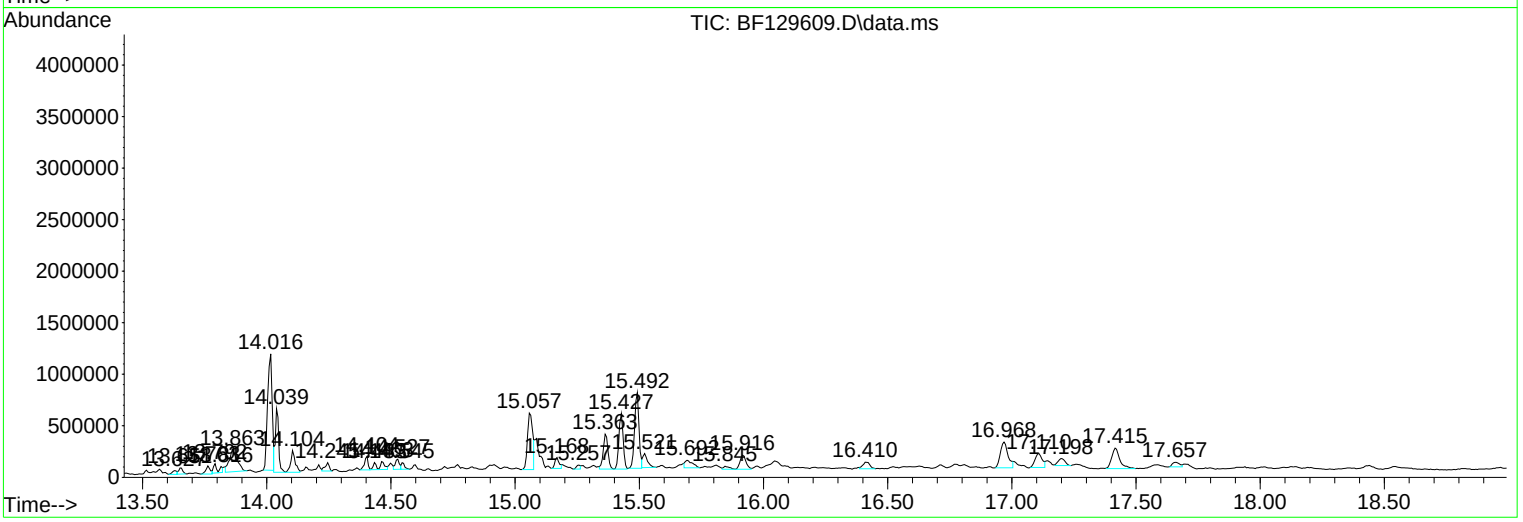
Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

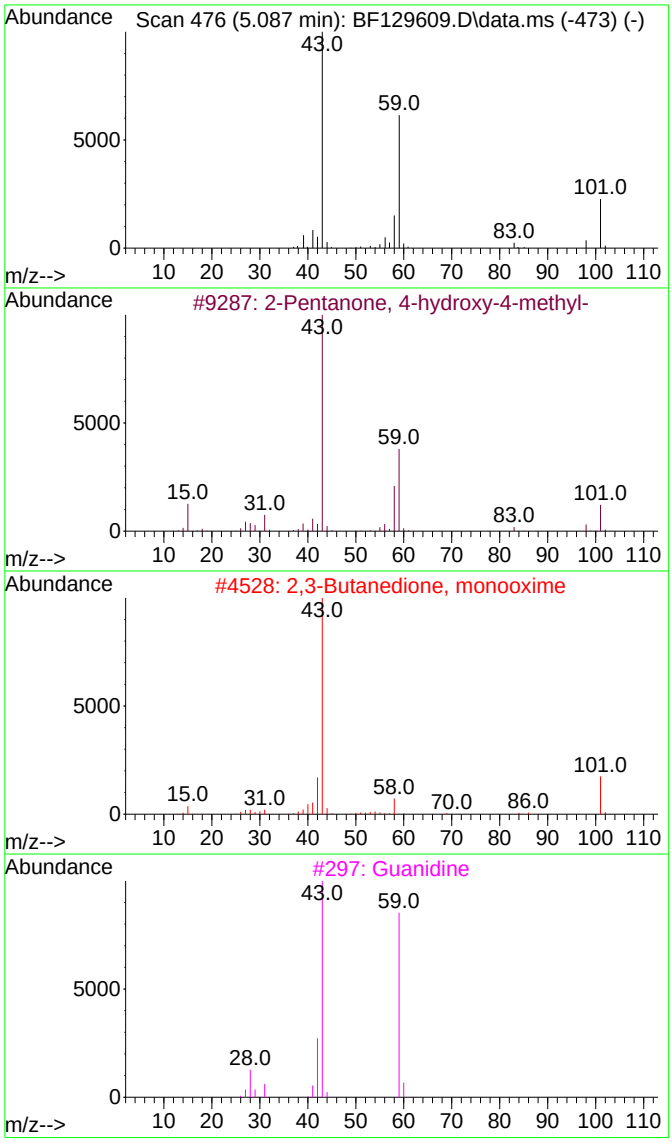
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

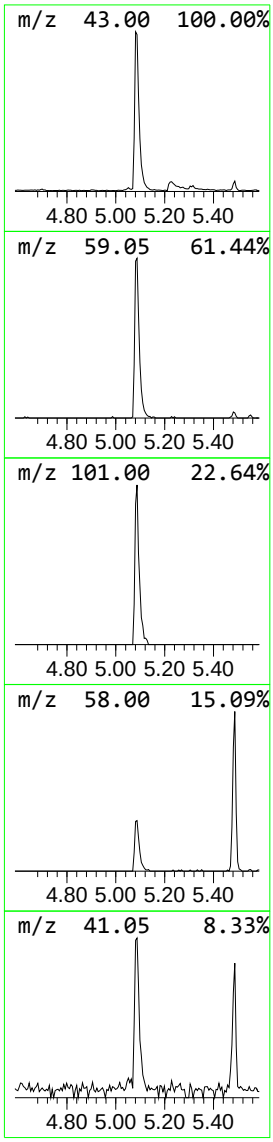
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	3.16 ng	163412	1,4-Dichlorobenzene-d4	6.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Guanidine	59	CH5N3	000113-00-8	9
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

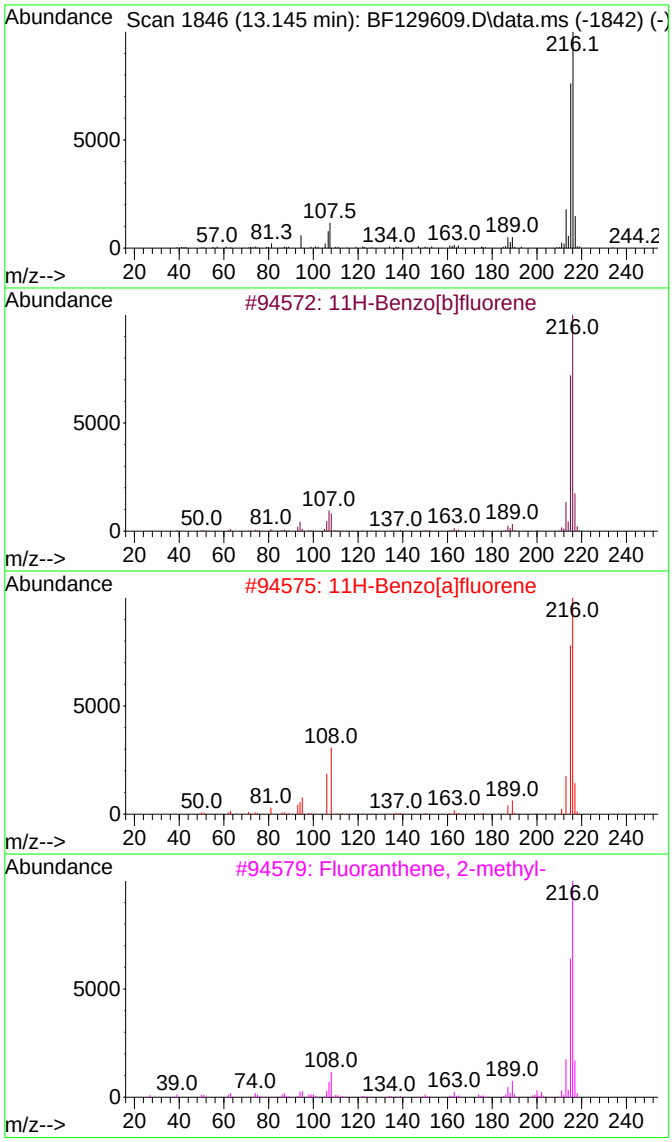
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

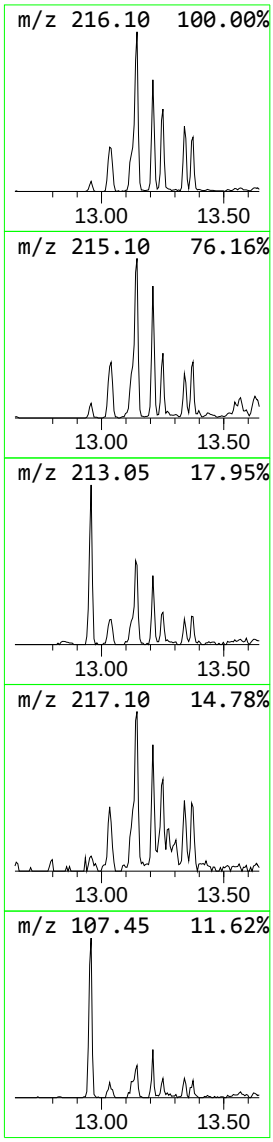
****

Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	2.23 ng	159972	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

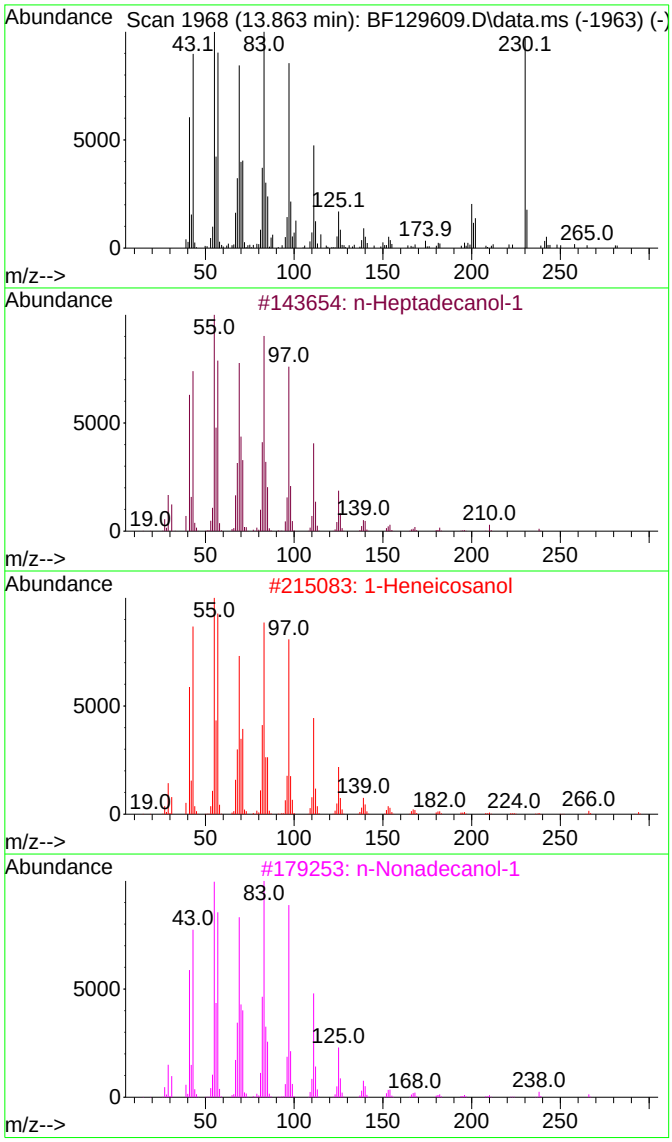
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

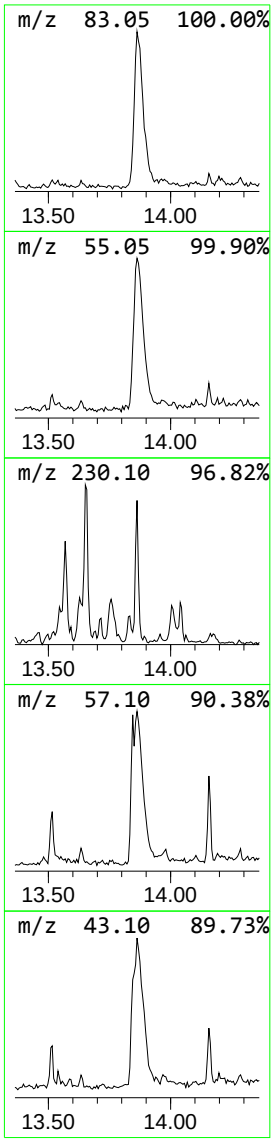
****

Peak Number 3 n-Heptadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	6.52 ng	468861	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

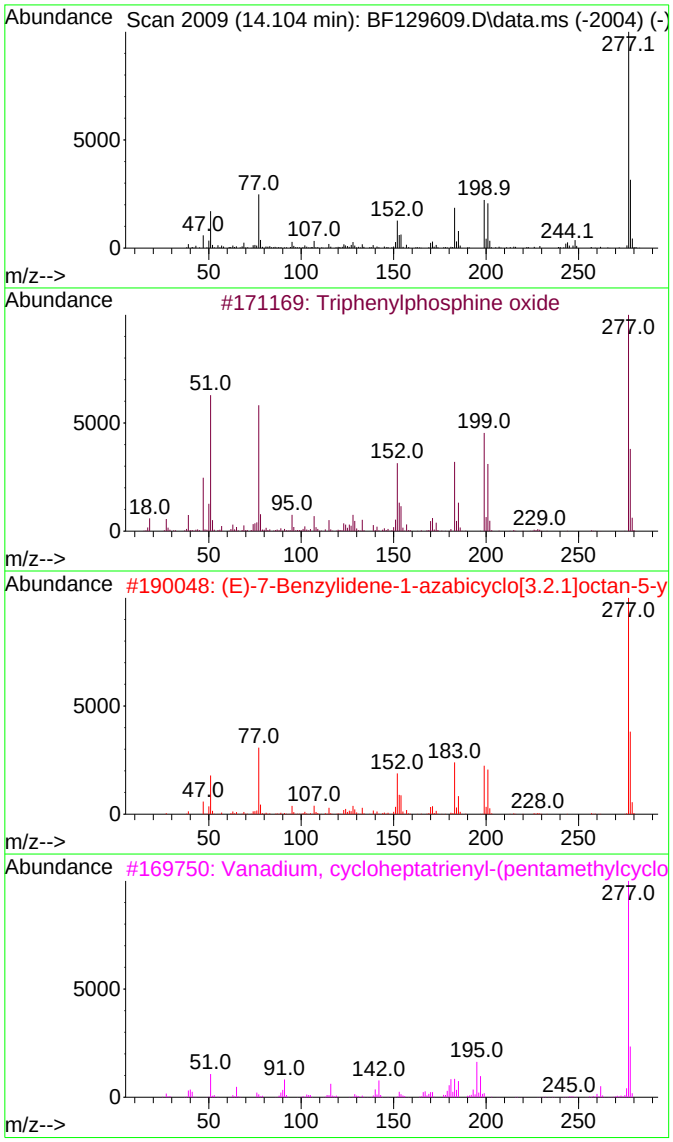
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

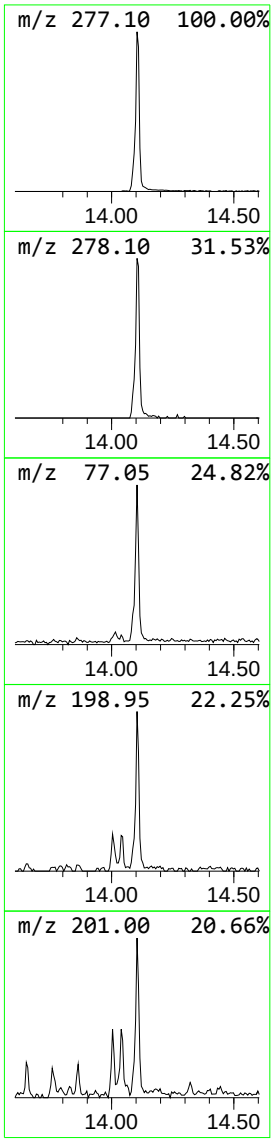
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	3.63 ng	261207	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	94
3	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	43
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
5	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

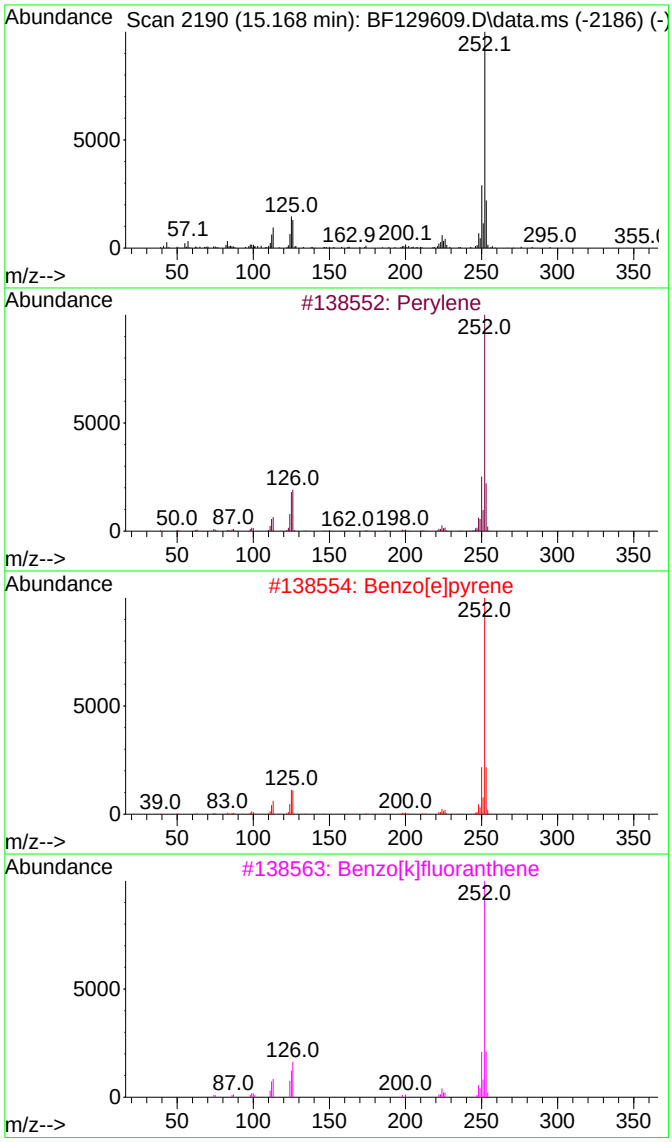
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

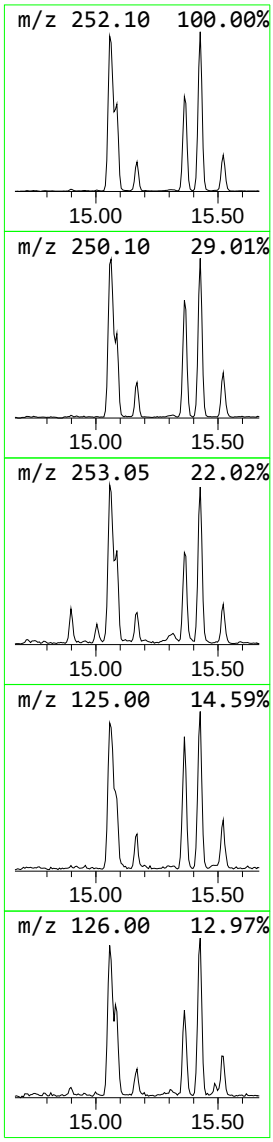
****

Peak Number 5 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	2.86 ng	132238	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

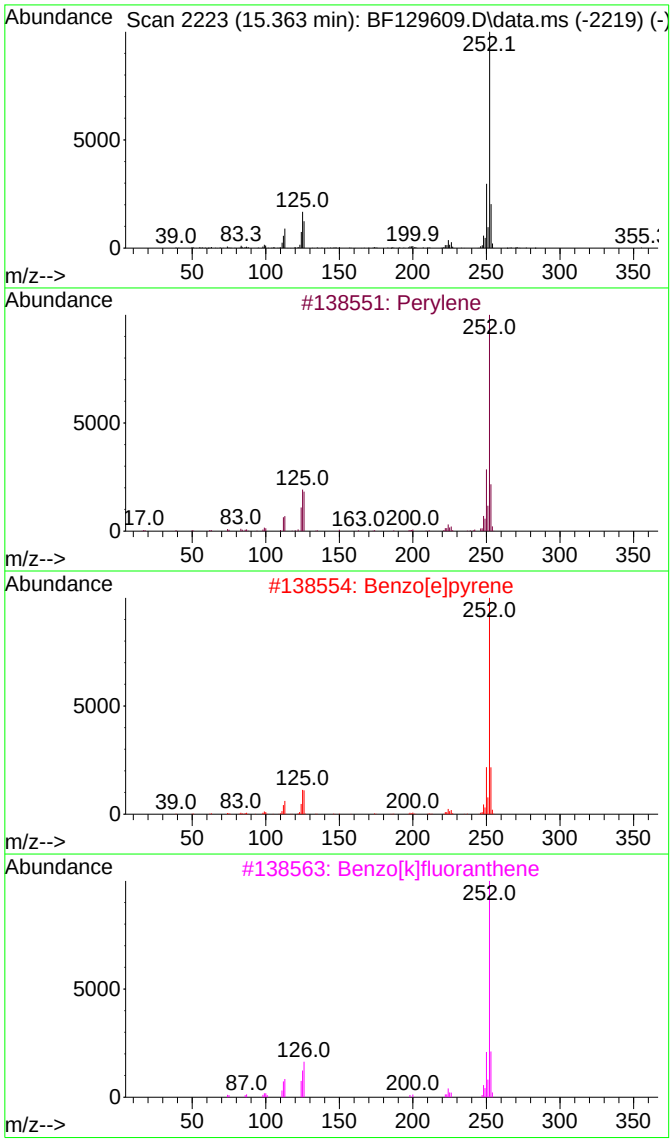
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

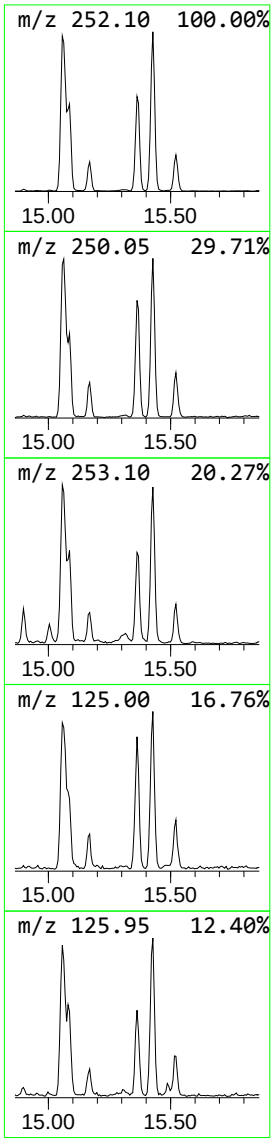
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	9.51 ng	439585	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

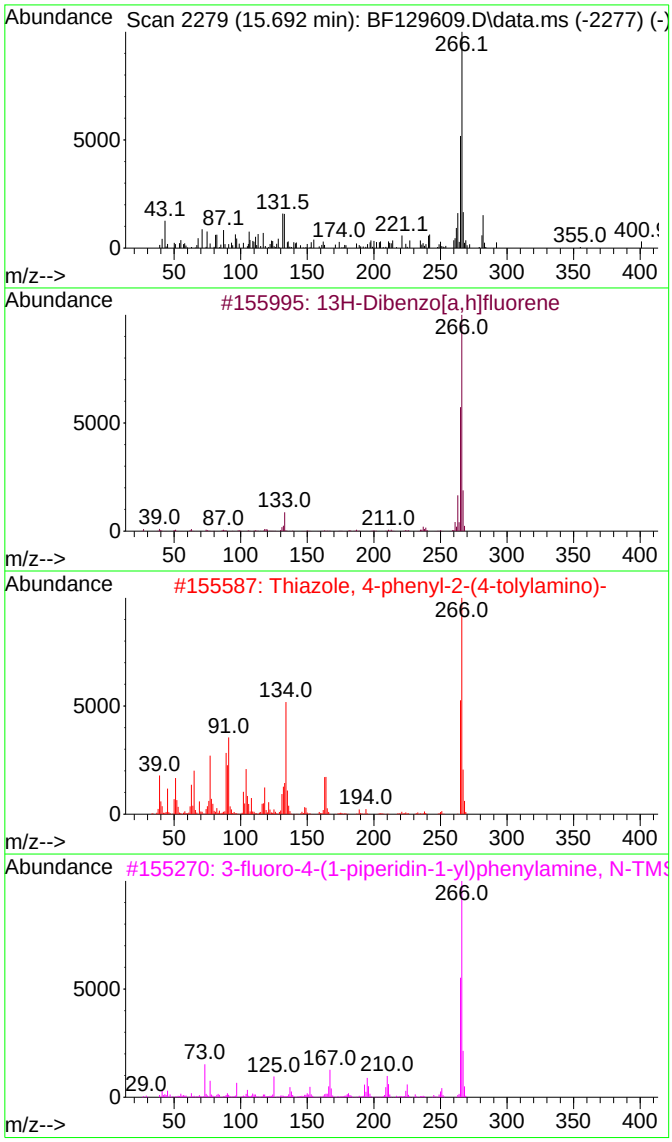
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

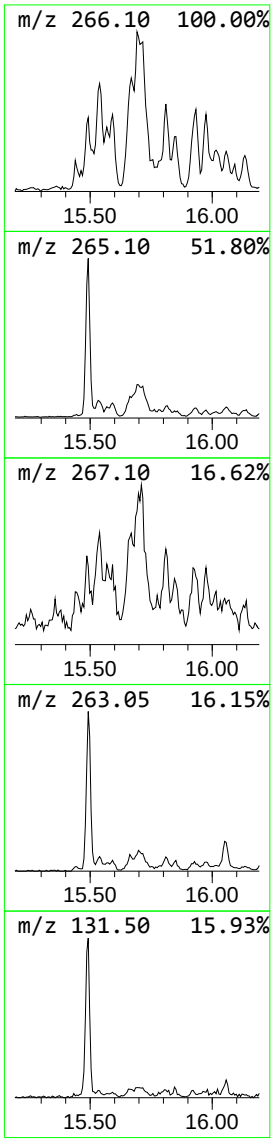
****

Peak Number 7 13H-Dibenzo[a,h]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	3.27 ng	151084	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
2	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	58
3	3-fluoro-4-(1-piperidin-1-yl)phe...	266	C14H23FN2Si	1000472-44-7	50
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	49
5	(1-Cyclohexenyl)ferrocene	266	C16H18Fe	033183-07-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

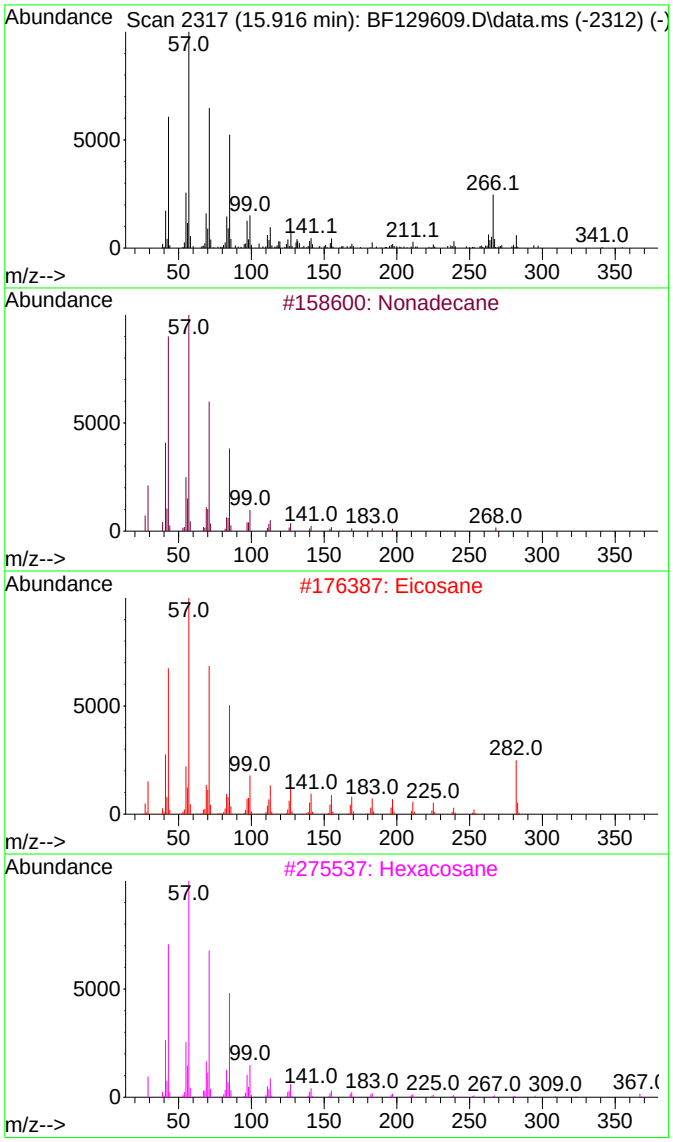
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

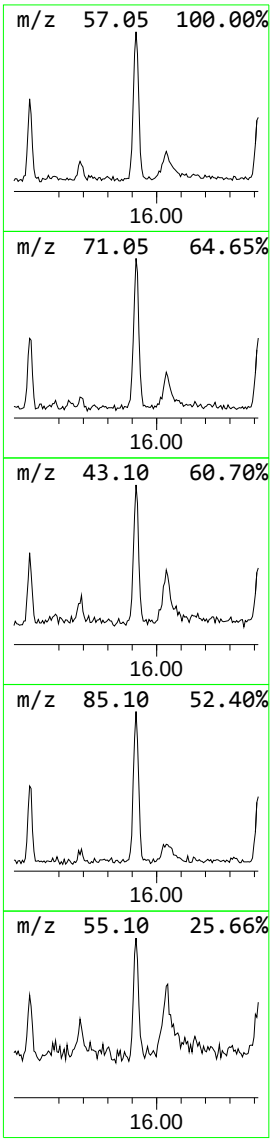
****

Peak Number 8 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	4.98 ng	229926	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexacosane	366	C26H54	000630-01-3	70
4	Tetratetracontane	619	C44H90	007098-22-8	70
5	Heneicosane	296	C21H44	000629-94-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

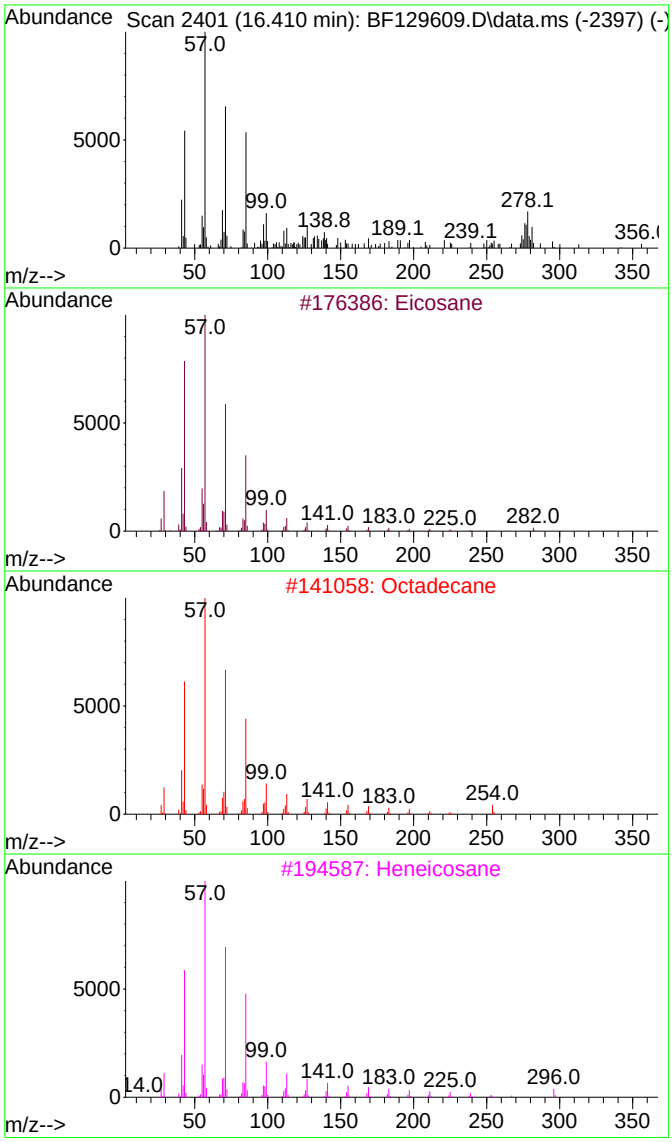
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

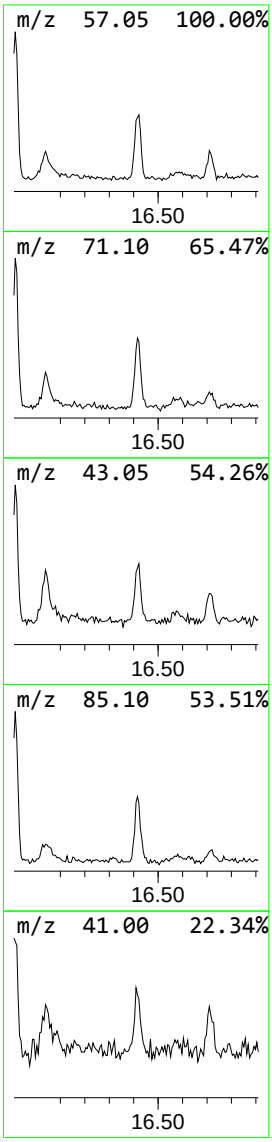
****

Peak Number 9 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	2.67 ng	123386	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Octadecane	254	C18H38	000593-45-3	55
3	Heneicosane	296	C21H44	000629-94-7	55
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	52
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

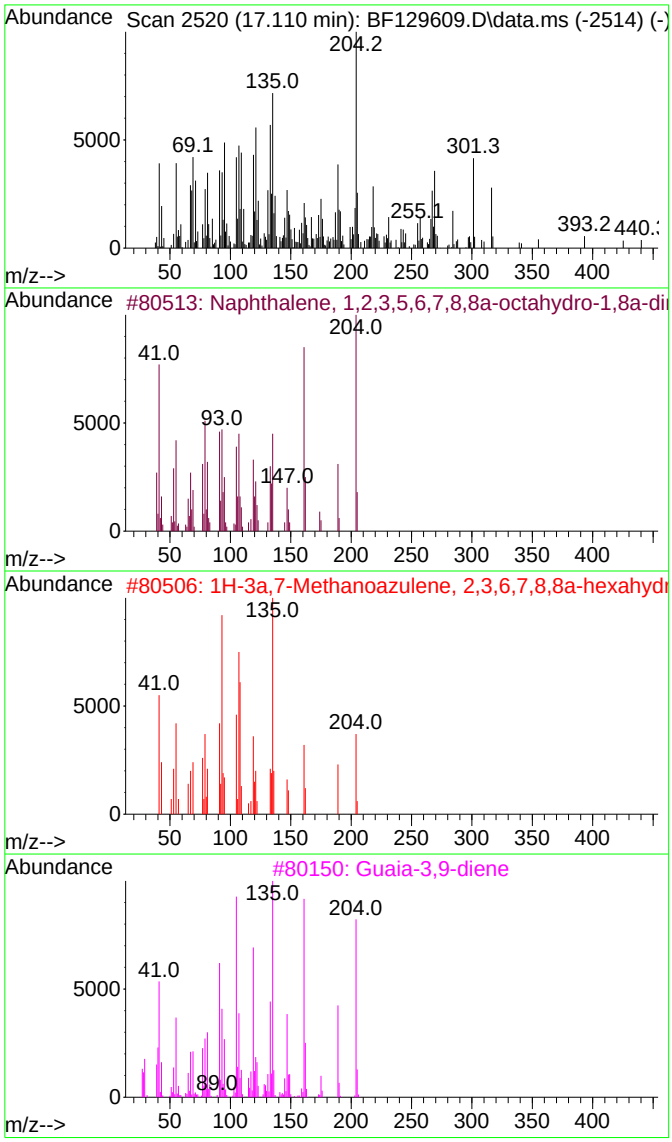
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

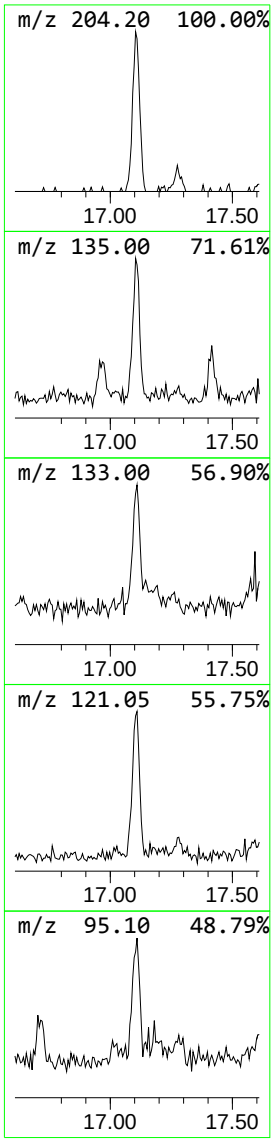
****

Peak Number 10 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	6.08 ng	281025	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	70
2	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49
3	Guaia-3,9-diene	204	C15H24	000489-83-8	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

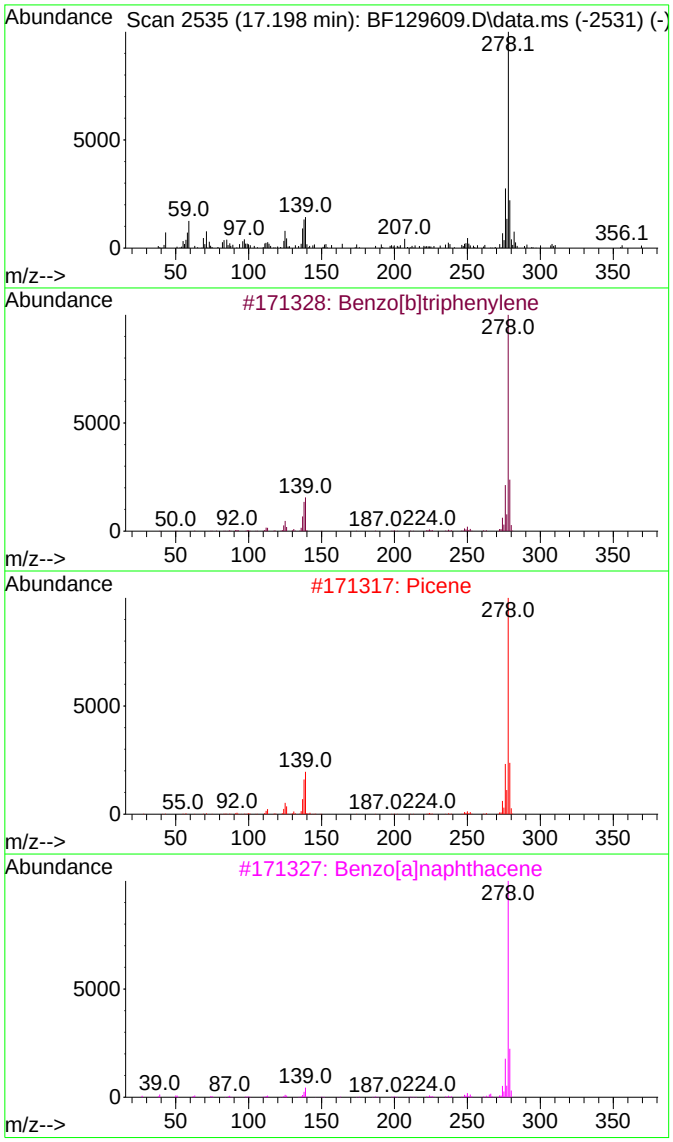
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

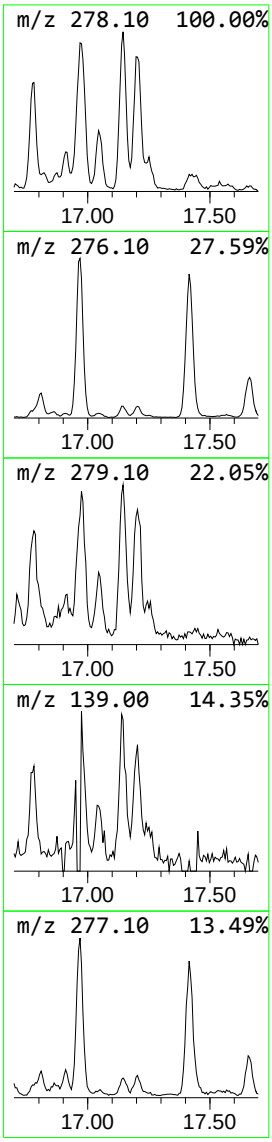
****

Peak Number 11 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.86 ng	132088	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Picene	278	C22H14	000213-46-7	96
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	90
4	Pentacene	278	C22H14	000135-48-8	89
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129609.D
Acq On : 05 Aug 2022 20:06
Operator : CG\JU
Sample : N3960-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-152

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
2-Pentanone, 4-...	5.087	3.2	ng	163412	1	6.846	1033280	20.0
11H-Benzo[b]flu...	13.145	2.2	ng	159972	5	14.016	1437370	20.0
n-Heptadecanol-1	13.863	6.5	ng	468861	5	14.016	1437370	20.0
Triphenylphosph...	14.104	3.6	ng	261207	5	14.016	1437370	20.0
Perylene	15.169	2.9	ng	132238	6	15.492	924016	20.0
Benzo[e]pyrene	15.363	9.5	ng	439585	6	15.492	924016	20.0
13H-Dibenzo[a,h...	15.692	3.3	ng	151084	6	15.492	924016	20.0
Nonadecane	15.916	5.0	ng	229926	6	15.492	924016	20.0
Eicosane	16.410	2.7	ng	123386	6	15.492	924016	20.0
Naphthalene, 1,...	17.110	6.1	ng	281025	6	15.492	924016	20.0
Benzo[b]triphen...	17.198	2.9	ng	132088	6	15.492	924016	20.0