LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

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-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	552	561	576	rBV	317045	449046	1.55%	0.178%
2	6.504	728	733	746	rBV	322678	464470	1.60%	0.184%
3	6.881	792	797	804	rBV	242463	327501	1.13%	0.130%
4	7.440	884	892	902	rBV	211401	298101	1.03%	0.118%
5	8.163	1007	1015	1021	rBV	284463	379615	1.31%	0.150%
6	9.234	1192	1197	1204	rVB	425962	534809	1.85%	0.212%
7	9.916	1307	1313	1317	rBV2	329287	557337	1.92%	0.220%
8	10.251	1366	1370	1374	rBV	273199	325885	1.13%	0.129%
9	10.404	1391	1396	1401	rVB	230356	295287	1.02%	0.117%
10	10.598	1423	1429	1434	rBV	460359	729280	2.52%	0.288%
11	10.710	1444	1448	1456	rBV	229867	375308	1.30%	0.148%
12	11.192	1523	1530	1536	rBV3	392926	689297	2.38%	0.273%
13	11.369	1553	1560	1564	rBV3	355685	750366	2.59%	0.297%
14	11.439	1569	1572	1576	rVB2	402319	536507	1.85%	0.212%
15	11.563	1588	1593	1600	rVV3	566277	972986	3.36%	0.385%
16	11.639	1601	1606	1609	rVV2	757976	1216565	4.20%	0.481%
17	11.675	1609	1612	1616	rVV3	757455	1479593	5.11%	0.585%
18	11.710	1616	1618	1622	rVV4	592144	866680	2.99%	0.343%
19	11.751	1622	1625	1628	rVV2	388167	674959	2.33%	0.267%
20	11.810	1628	1635	1639	rVV2	1986445	3841116	13.26%	1.519%
21	11.845	1639	1641	1648	rVV3	973486	1970893	6.81%	0.780%
22	11.910	1648	1652	1657	rVV	1610564	2712249	9.37%	1.073%
23	11.975	1657	1663	1665	rVV4	1246755	2729806	9.43%	1.080%
24	12.016	1665	1670	1674	rVV5	3551746	7629748	26.35%	3.018%
25	12.057	1674	1677	1683	rVV4	2744913	5531283	19.10%	2.188%
26	12.122	1683	1688	1692	rVV2	3819853	7659793	26.45%	3.029%
27	12.180	1695	1698	1701	rVV	3199161	5832697	20.14%	2.307%
28	12.233	1701	1707	1712	rVV3	7697881	17429432	60.18%	6.893%
29	12.298	1712	1718	1727	rVV4	2698744	6844565	23.63%	2.707%
30	12.404	1727	1736	1741	rVV2	7865746	18414653	63.59%	7.283%
31	12.480	1741	1749	1754	rVV	7357403	17585529	60.72%	6.955%
32	12.539	1754	1759	1761	rVV	3624799	6587326	22.75%	2.605%
33	12.569	1761	1764	1768	rVV	3778713	5223355	18.04%	2.066%
34	12.604	1768	1770	1771	rVV2	599075	587341	2.03%	0.232%
35	12.628	1771	1774	1778	rVV2	927875	1256682	4.34%	0.497%
36	12.716	1778	1789	1793	rVV3	7042962	17284136	59.68%	6.836%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

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-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.763	1793	1797	1802	rVV2	2403812	3997813	13.80%	1.581%
38	12.816	1802	1806	1814	rVV2	2499691	4498503	15.53%	1.779%
39	12.892	1815	1819	1825	rVV4	945142	2235083	7.72%	0.884%
40	12.945	1825	1828	1832	rVB	1453731	1837195	6.34%	0.727%
41	13.016	1832	1840	1844	rBV2	5618832	12110468	41.82%	4.790%
42	13.051	1844	1846	1851	rVB5	1055687	1469793	5.08%	0.581%
43	13.204	1860	1872	1880	rBV	8429132	23955304	82.72%	9.474%
44	13.310	1886	1890	1897	rVB4	1207934	1940314	6.70%	0.767%
45	13.410	1903	1907	1910	rBV3	1058572	1419382	4.90%	0.561%
46	13.486	1910	1920	1924	rVV5	3000163	7658904	26.45%	3.029%
47	13.545	1924	1930	1935	rVB	5177383	10059030	34.73%	3.978%
48	13.727	1957	1961	1965	rBV2	700387	1155451	3.99%	0.457%
49	13.792	1967	1972	1978	rVV6	1049948	2748026	9.49%	1.087%
50	13.863	1979	1984	1987	rVV3	1596227	3234411	11.17%	1.279%
51	13.986	1989	2005	2014	rVB	6570344	28960659	100.00%	11.454%
52	14.110	2023	2026	2034	rVB3	1362215	2071290	7.15%	0.819%
53	14.227	2043	2046	2054	rVB	464335	653649	2.26%	0.259%
54	15.574	2271	2275	2280	rVB	307019	443474	1.53%	0.175%
55	15.998	2342	2347	2354	rBV4	414224	859989	2.97%	0.340%
56	16.068	2355	2359	2362	rBV	291545	487502	1.68%	0.193%

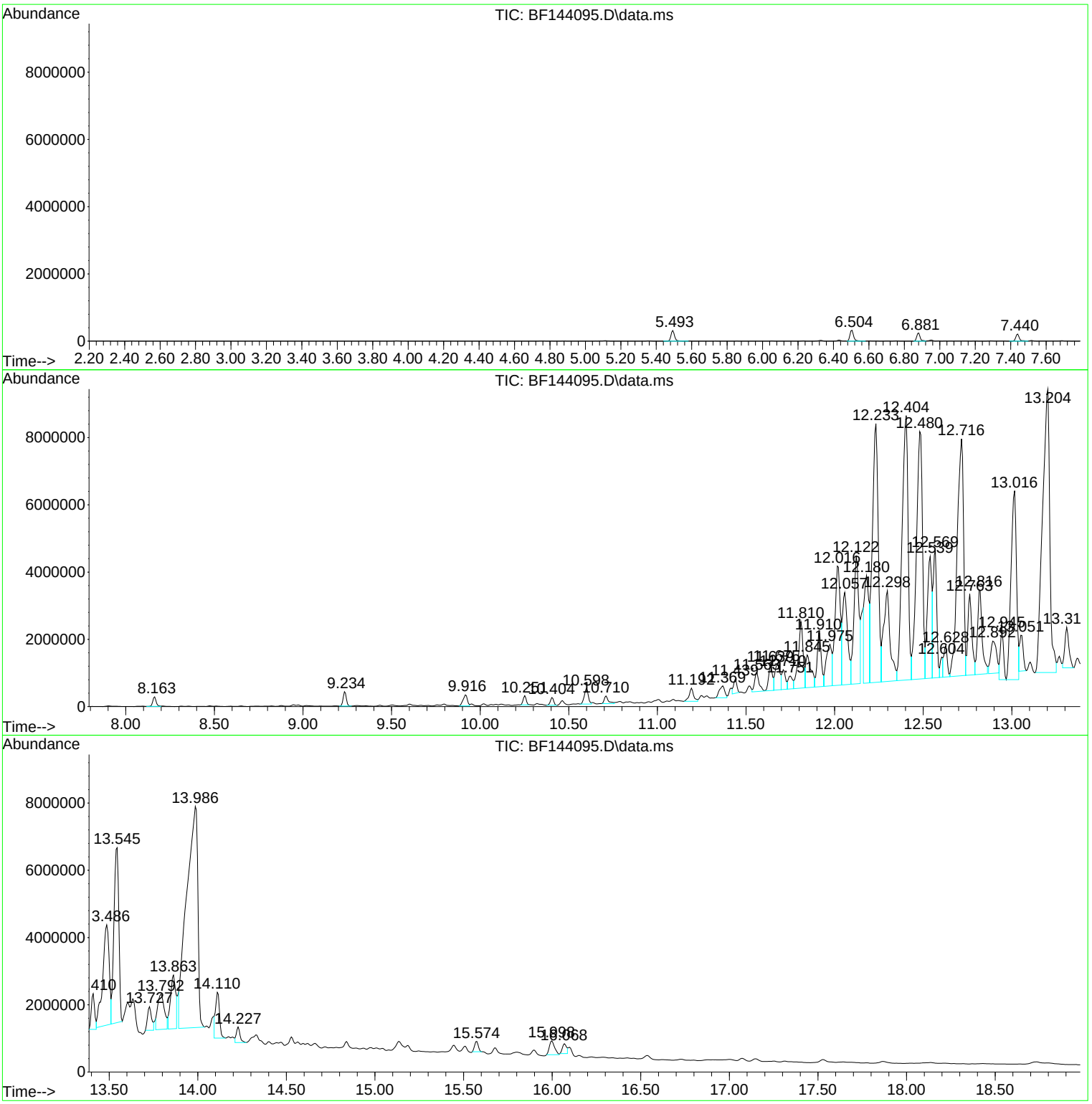
Sum of corrected areas: 252840436

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.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\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

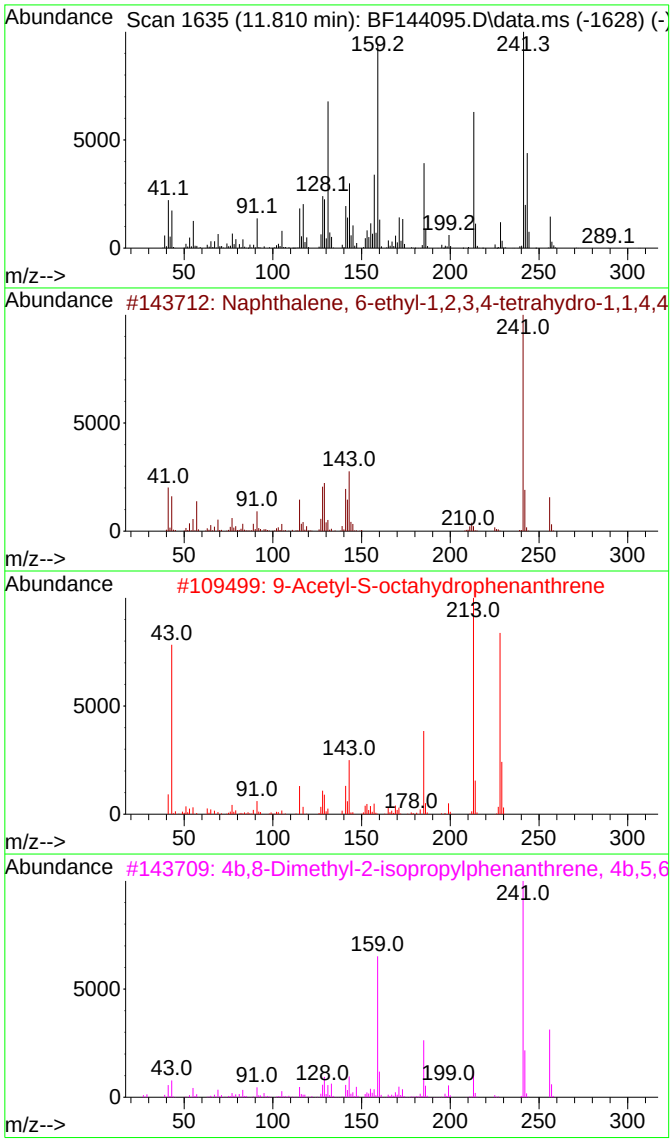
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

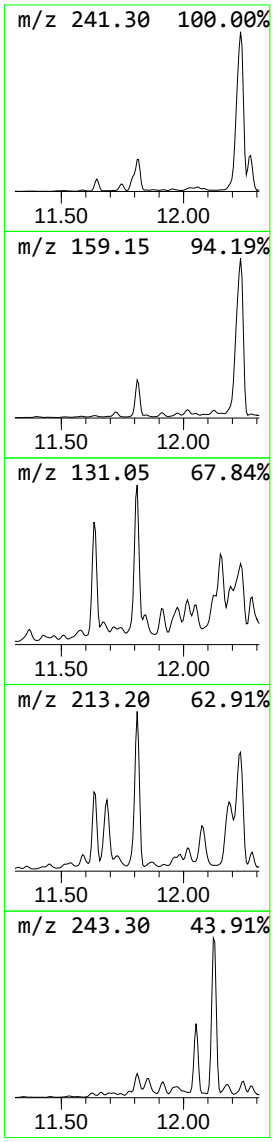
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	143.19 ng	3841120	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	92
2	9-Acetyl-S-octahydrophenanthrene	228	C16H20O	1000255-16-9	62
3	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	45
4	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	38
5	3-Chloro-9-formylacridine	241	C14H8ClNO	050438-61-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

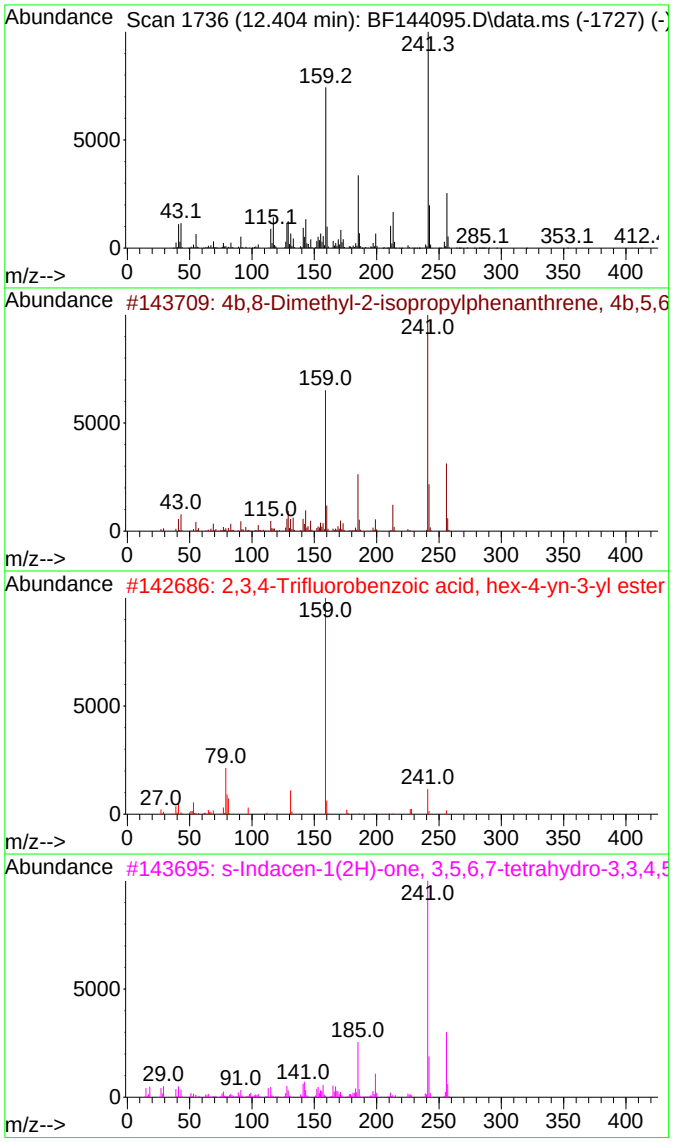
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

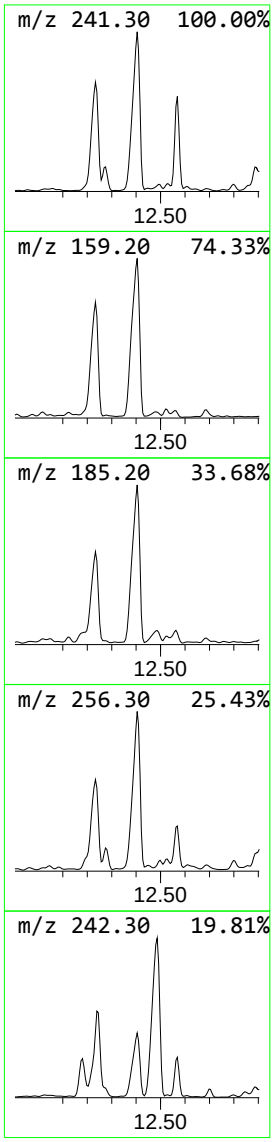
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	686.47 ng	18414700	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	99
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	59
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	55
4	2,5-Bis((trimethylsilyl)oxy)pyra...	256	C10H20N2O2Si2	362516-09-4	38
5	Sebacic acid, butyl 2,4-dimethyl...	356	C21H40O4	1000355-42-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

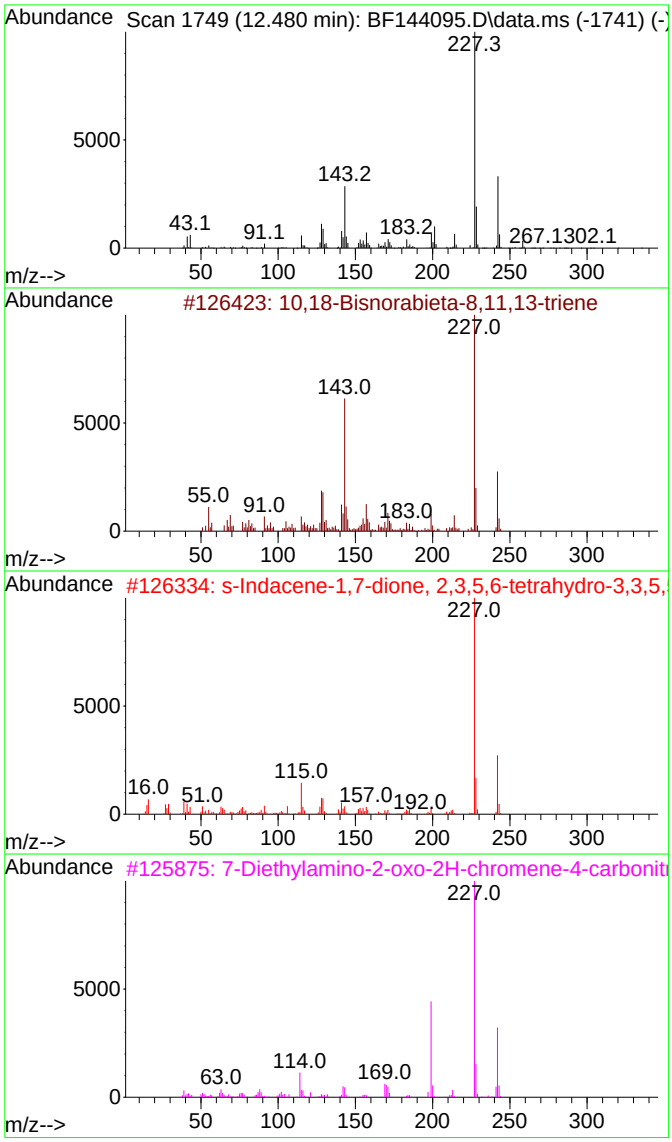
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

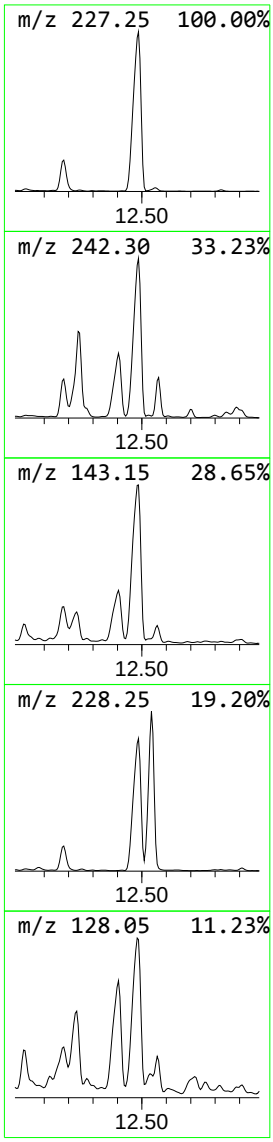
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 10,18-Bisnorabieta-8,11,13-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	655.56 ng	17585500	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	93
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	74
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	64
4	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	771575-52-1	53
5	1-Dimethylphenylsilyloxy-3-methy...	242	C15H18OSi	1000307-90-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

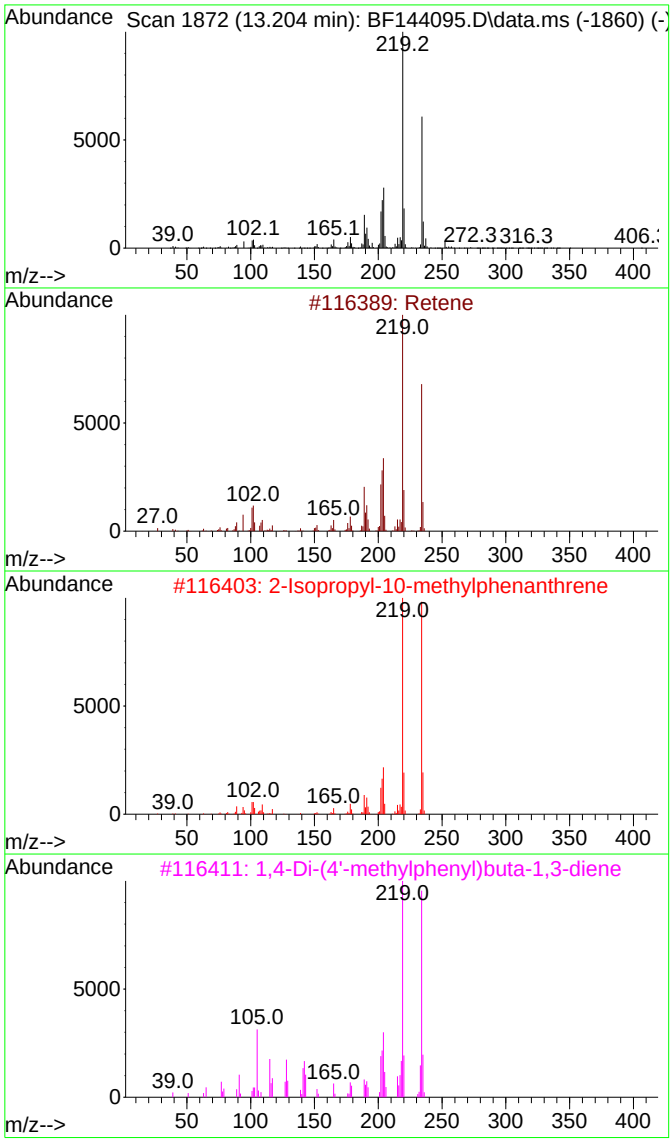
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

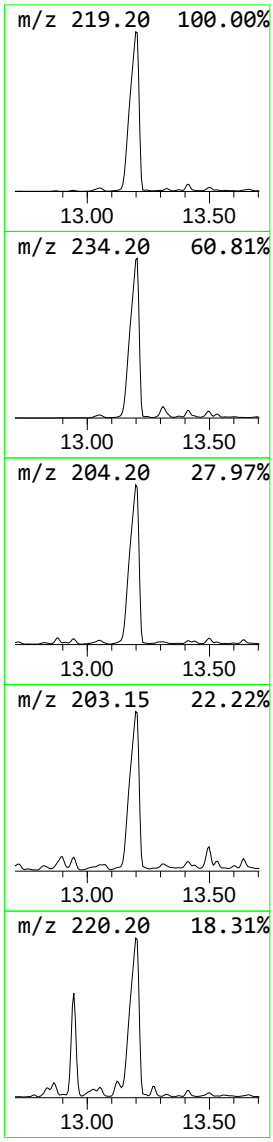
****

Peak Number 16 Retene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	231.31 ng	23955300	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	78
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	62
5	3-(3-Fluorophenyl)-1H-pyrazole, TMS	234	C12H15FN2Si	1000507-49-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

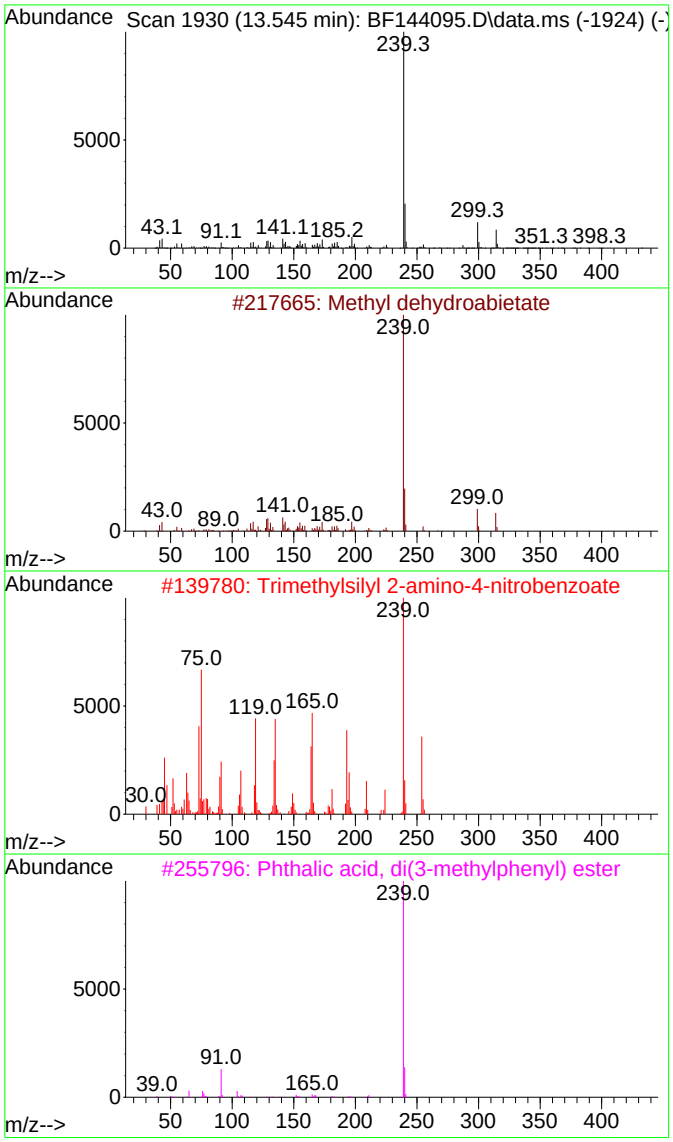
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

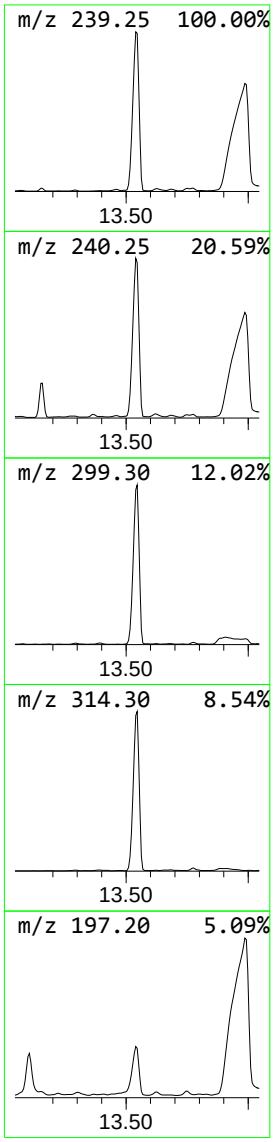
****

Peak Number 18 Methyl dehydroabietate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	97.13 ng	10059000	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	96
2	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	76
3	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	45
4	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	45
5	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

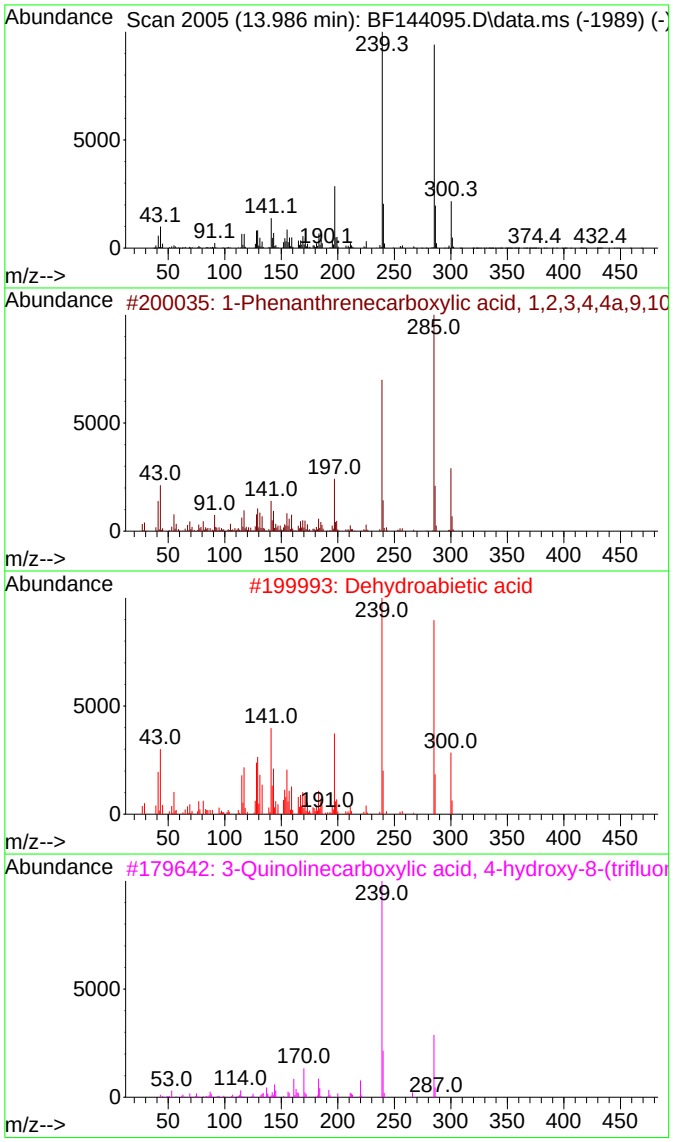
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

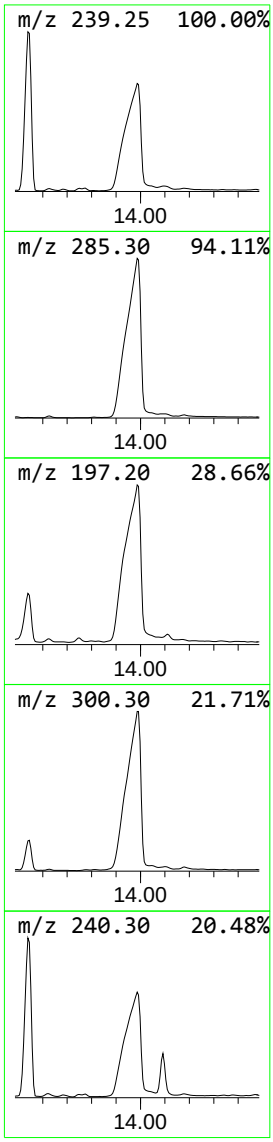
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Phenanthrenecarboxylic ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	279.64 ng	28960700	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	99
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
3	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	59
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	59
5	3-(Adamantan-1-yl)-5-tert-butylb...	300	C20H28O2	1000444-96-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144095.D
Acq On : 27 Oct 2025 21:02
Operator : RC/JU
Sample : Q3447-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TW4-251023-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.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
Naphthalene, 6-...	11.810	143.2	ng	3841120	4	11.416	536507	20.0
4b,8-Dimethyl-2...	12.404	686.5	ng	18414700	4	11.416	536507	20.0
10,18-Bisnorabi...	12.480	655.6	ng	17585500	4	11.416	536507	20.0
Retene	13.204	231.3	ng	23955300	5	14.092	2071290	20.0
Methyl dehydroa...	13.545	97.1	ng	10059000	5	14.092	2071290	20.0
1-Phenanthrenec...	13.986	279.6	ng	28960700	5	14.092	2071290	20.0