LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142825.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	481	492	504	rBV	79718	116634	9.37%	1.101%
2	5.493	556	561	571	rBV	709369	935097	75.10%	8.830%
3	6.504	728	733	745	rBV	729112	924942	74.28%	8.734%
4	6.881	792	797	803	rBV	280967	350446	28.14%	3.309%
5	7.440	886	892	897	rBV	432168	531098	42.65%	5.015%
6	8.163	1007	1015	1022	rBV	327376	432585	34.74%	4.085%
7	8.875	1132	1136	1141	rVB	24026	27368	2.20%	0.258%
8	8.975	1149	1153	1158	rVB	25464	30560	2.45%	0.289%
9	9.240	1192	1198	1203	rBV	719066	914087	73.41%	8.631%
10	9.504	1238	1243	1247	rBV	12592	18173	1.46%	0.172%
11	9.575	1248	1255	1258	rBV	21081	30897	2.48%	0.292%
12	9.692	1271	1275	1286	rVB	10476	18146	1.46%	0.171%
13	9.781	1286	1290	1294	rBV	13444	16504	1.33%	0.156%
14	9.916	1306	1313	1318	rVV	303877	395096	31.73%	3.731%
15	10.122	1343	1348	1352	rBV2	15540	20536	1.65%	0.194%
16	10.234	1363	1367	1370	rBV2	9536	13103	1.05%	0.124%
17	10.339	1378	1385	1389	rBV4	12048	25396	2.04%	0.240%
18	10.469	1402	1407	1413	rVB	22161	30173	2.42%	0.285%
19	10.557	1413	1422	1429	rBV7	6671	21732	1.75%	0.205%
20	10.634	1429	1435	1441	rVB	62949	86015	6.91%	0.812%
21	10.710	1442	1448	1453	rBV	468976	614395	49.34%	5.802%
22	10.828	1463	1468	1474	rBV4	15588	26844	2.16%	0.253%
23	11.010	1495	1499	1502	rBV4	11633	16596	1.33%	0.157%
24	11.216	1530	1534	1537	rVB	12752	15179	1.22%	0.143%
25	11.263	1538	1542	1545	rVV3	11800	16928	1.36%	0.160%
26	11.304	1545	1549	1555	rVB	17661	25158	2.02%	0.238%
27	11.410	1561	1567	1569	rBV	342405	475212	38.16%	4.487%
28	11.481	1575	1579	1583	rVV	29143	34445	2.77%	0.325%
29	11.639	1600	1606	1612	rBV2	25866	41328	3.32%	0.390%
30	11.739	1619	1623	1628	rVB2	15405	21790	1.75%	0.206%
31	11.822	1628	1637	1641	rBV4	7682	19005	1.53%	0.179%
32	11.933	1648	1656	1661	rVV2	120331	247098	19.84%	2.333%
33	11.986	1662	1665	1667	rVV	17930	22679	1.82%	0.214%
34	12.022	1667	1671	1679	rVB	68024	143081	11.49%	1.351%
35	12.104	1681	1685	1689	rBV4	11498	19332	1.55%	0.183%
36	12.204	1699	1702	1705	rBV	21327	28735	2.31%	0.271%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.233	1705	1707	1713	rVB	18882	21788	1.75%	0.206%
38	12.351	1722	1727	1730	rBV4	14471	25273	2.03%	0.239%
39	12.386	1730	1733	1736	rBV	13828	17385	1.40%	0.164%
40	12.463	1741	1746	1749	rBV	43046	66813	5.37%	0.631%
41	12.492	1749	1751	1757	rVV2	29600	46296	3.72%	0.437%
42	12.545	1757	1760	1765	rVB3	22493	32135	2.58%	0.303%
43	12.622	1769	1773	1778	rBV	236301	300969	24.17%	2.842%
44	12.851	1806	1812	1819	rBV	227593	350013	28.11%	3.305%
45	12.992	1831	1836	1844	rVB	945821	1245182	100.00%	11.758%
46	13.069	1845	1849	1856	rBV5	31227	63554	5.10%	0.600%
47	13.175	1861	1867	1871	rVV2	38254	76077	6.11%	0.718%
48	13.286	1882	1886	1893	rVB2	37584	50933	4.09%	0.481%
49	13.380	1898	1902	1904	rBV	23707	29708	2.39%	0.281%
50	13.410	1904	1907	1910	rVV2	21072	22426	1.80%	0.212%
51	13.563	1930	1933	1936	rBV	21890	34135	2.74%	0.322%
52	13.692	1952	1955	1961	rVB	26928	33940	2.73%	0.320%
53	13.892	1985	1989	2000	rVB3	89936	161898	13.00%	1.529%
54	14.051	2011	2016	2028	rVB2	413688	734762	59.01%	6.938%
55	15.104	2191	2195	2203	rBV	73175	162350	13.04%	1.533%
56	15.480	2256	2259	2265	rVB	51676	74960	6.02%	0.708%
57	15.545	2265	2270	2282	rVB	187952	333221	26.76%	3.147%

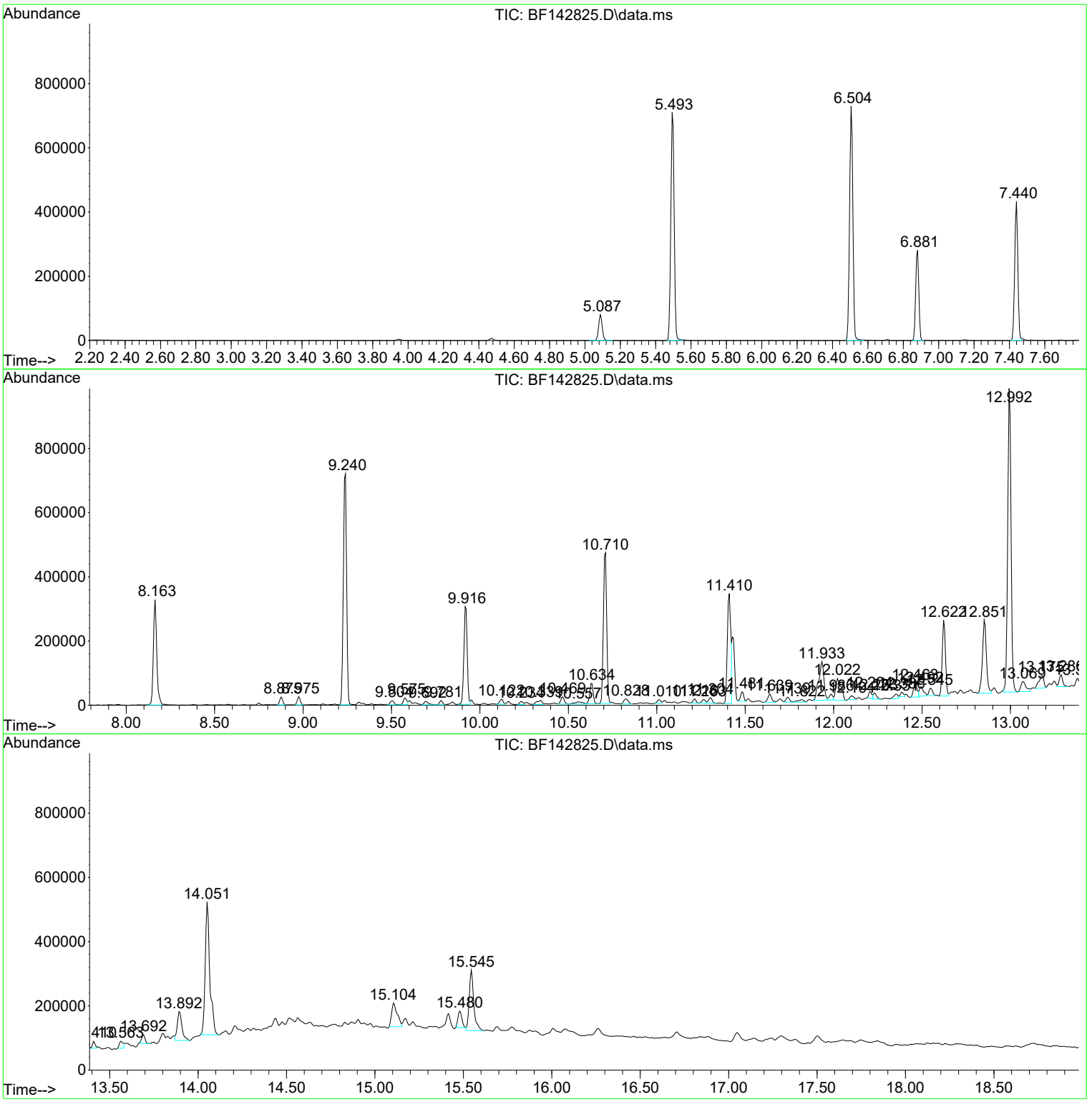
Sum of corrected areas: 10590211

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

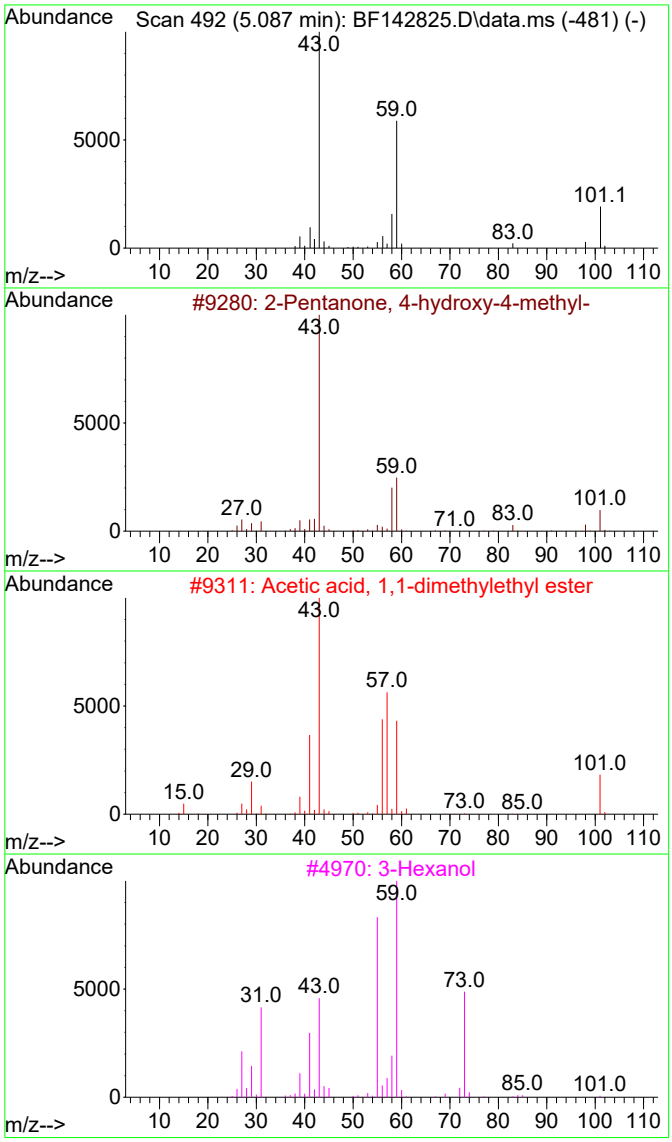
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

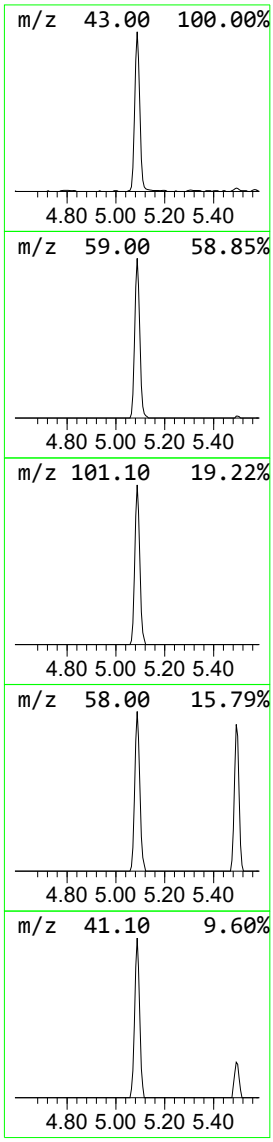
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	6.66 ng	116634	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

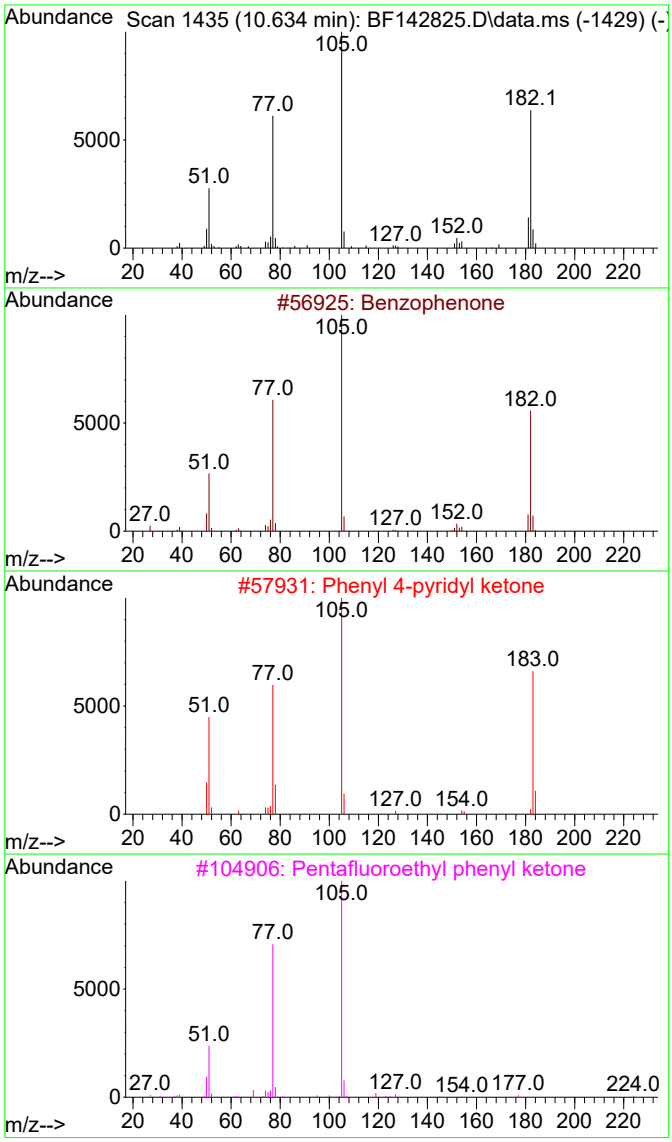
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

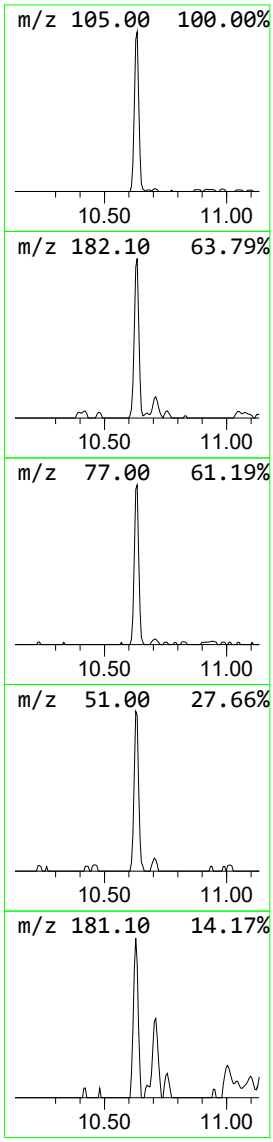
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	4.35 ng	86015	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

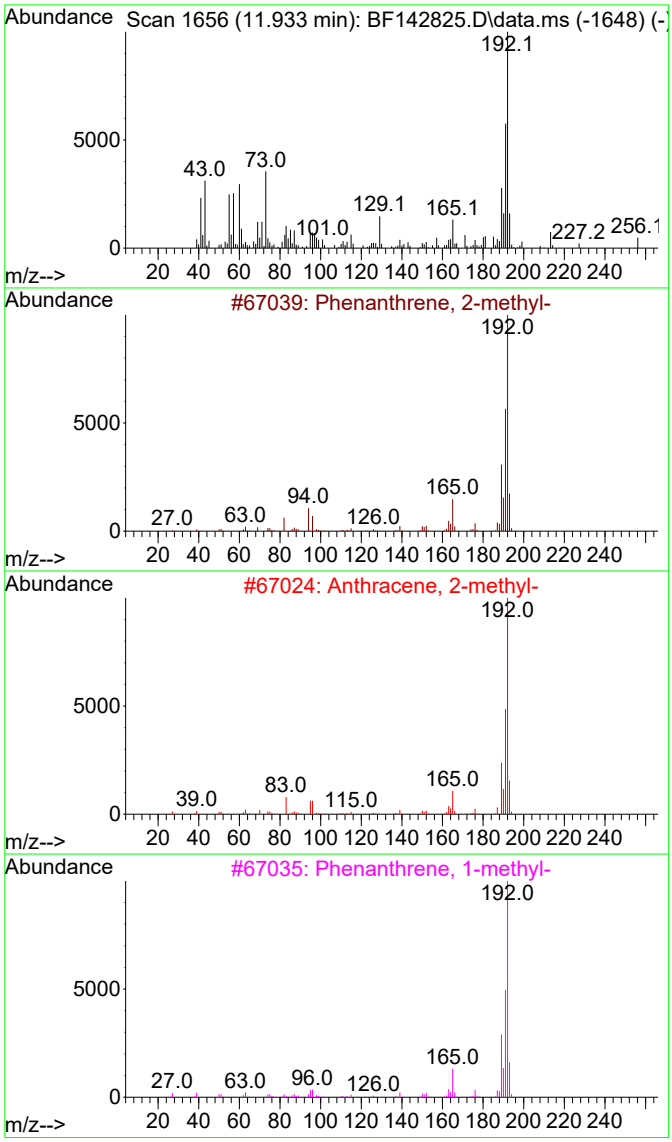
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

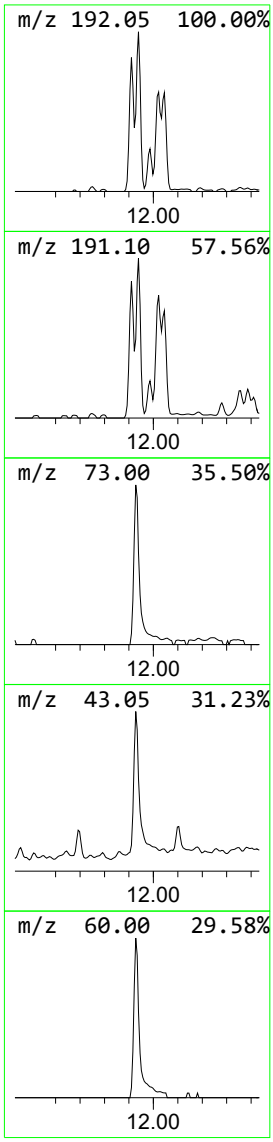
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.934	10.40 ng	247098	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

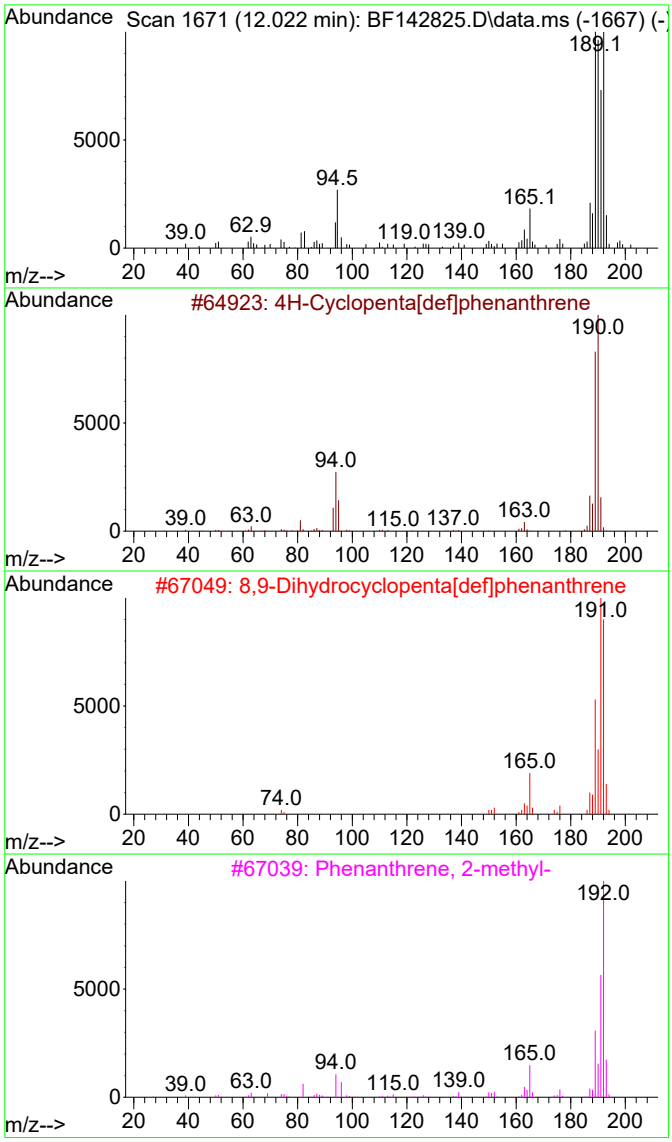
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

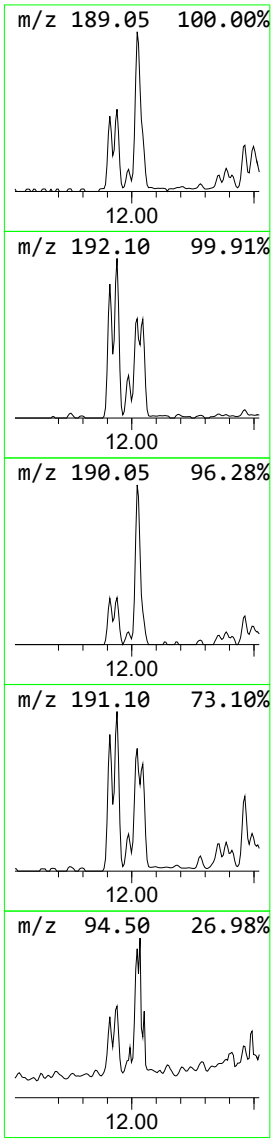
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	6.02 ng	143081	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	48
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

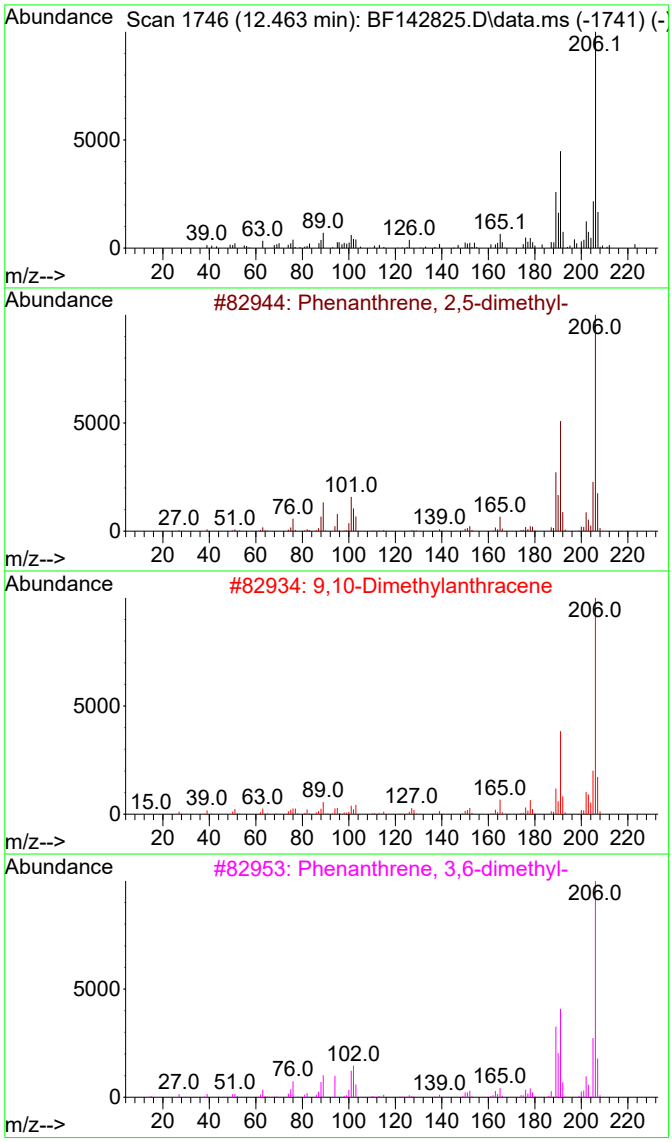
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

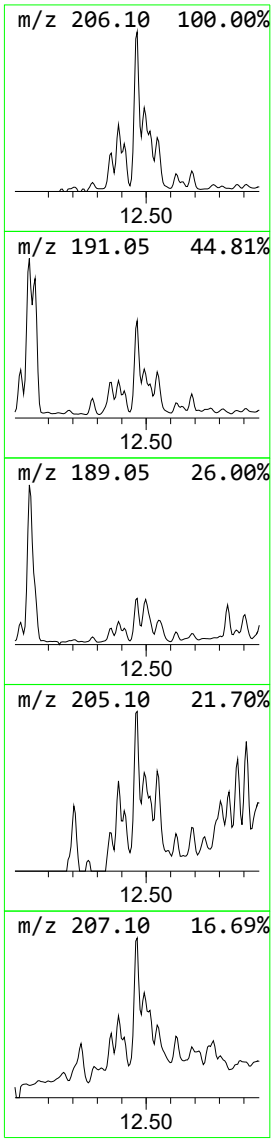
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.81 ng	66813	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

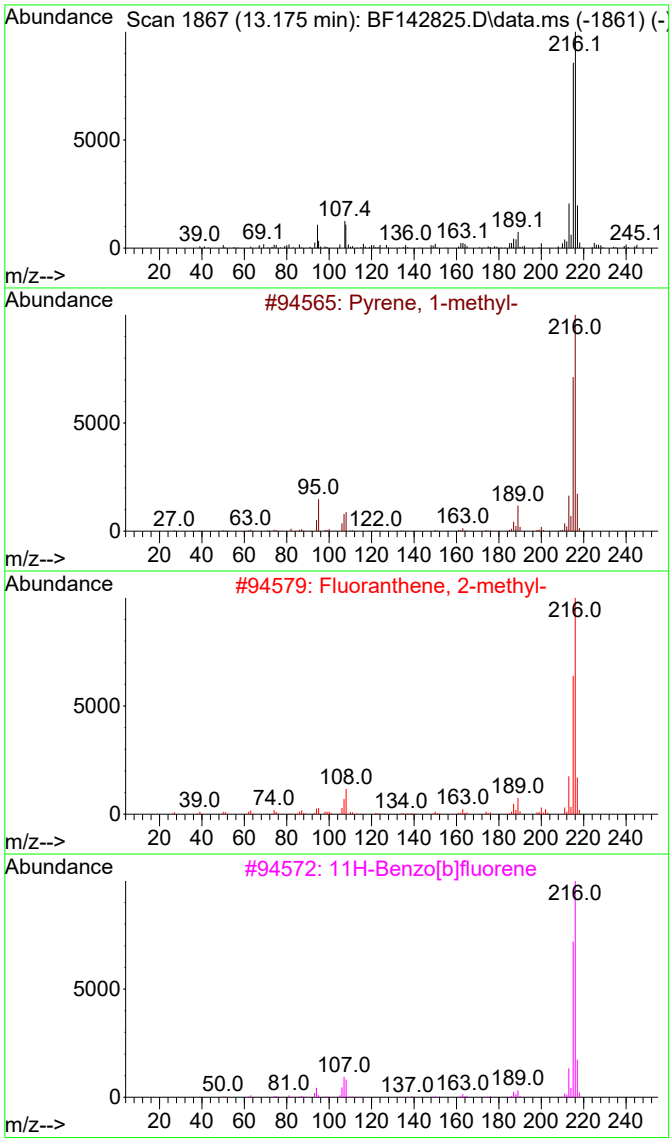
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

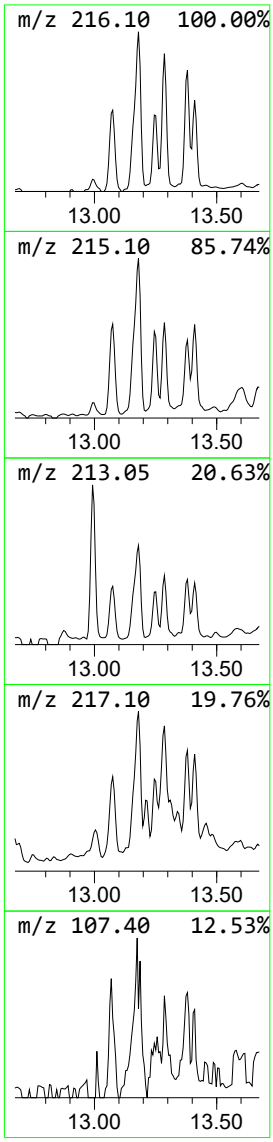
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	2.07 ng	76077	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

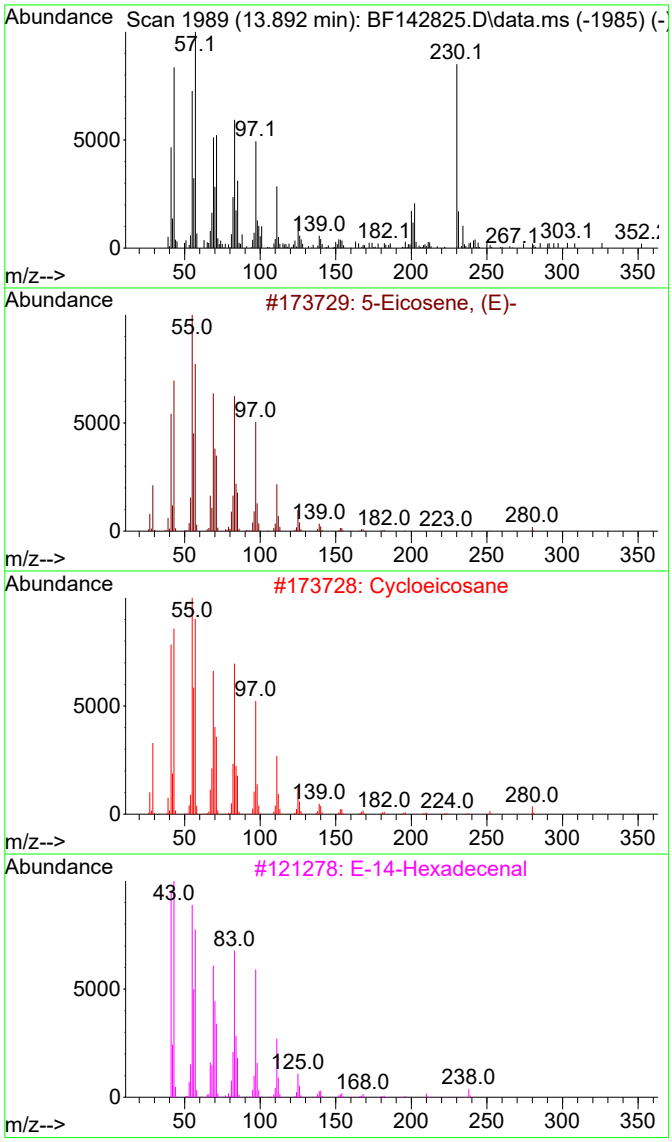
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

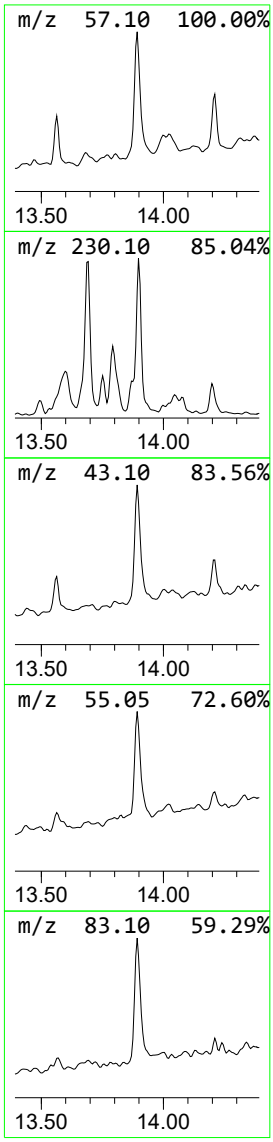
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	4.41 ng	161898	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	Cycloeicosane	280	C20H40	000296-56-0	92
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	86
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	80
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142825.D
Acq On : 24 Jun 2025 18:03
Operator : RC/JU
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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	6.7	ng	116634	1	6.881	350446	20.0
Benzophenone	10.634	4.3	ng	86015	3	9.916	395096	20.0
Phenanthrene, 2...	11.934	10.4	ng	247098	4	11.410	475212	20.0
4H-Cyclopenta[d...	12.022	6.0	ng	143081	4	11.410	475212	20.0
Phenanthrene, 2...	12.463	2.8	ng	66813	4	11.410	475212	20.0
Pyrene, 1-methyl-	13.175	2.1	ng	76077	5	14.051	734762	20.0
5-Eicosene, (E)-	13.892	4.4	ng	161898	5	14.051	734762	20.0