LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144420.D
Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B50-SP13-112025

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144420.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.928	291	295	302	rVB	7996	14443	1.16%	0.107%
2	4.499	387	392	401	rVB3	10506	20447	1.64%	0.152%
3	5.075	484	490	505	rVB	166638	245891	19.73%	1.824%
4	5.451	548	554	556	rBV	11709	16232	1.30%	0.120%
5	5.487	556	560	578	rVB	480117	680016	54.58%	5.044%
6	5.769	603	608	616	rVB	19262	25740	2.07%	0.191%
7	6.110	660	666	673	rBV6	6396	13389	1.07%	0.099%
8	6.493	727	731	746	rVB	478417	672633	53.98%	4.989%
9	6.687	760	764	768	rBV2	22096	27761	2.23%	0.206%
10	6.863	788	794	800	rBV	405849	520212	41.75%	3.859%
11	6.916	800	803	814	rVB	19551	27841	2.23%	0.207%
12	7.422	884	889	899	rBV	333914	440324	35.34%	3.266%
13	8.145	1003	1012	1019	rBV	483845	655855	52.64%	4.865%
14	8.857	1129	1133	1136	rBV	10448	12858	1.03%	0.095%
15	9.216	1189	1194	1203	rBV	657494	820114	65.82%	6.083%
16	9.292	1203	1207	1210	rBV	10304	12588	1.01%	0.093%
17	9.557	1248	1252	1255	rBV	13998	20538	1.65%	0.152%
18	9.763	1283	1287	1290	rBV	10088	12693	1.02%	0.094%
19	9.822	1290	1297	1301	rVV	16300	21376	1.72%	0.159%
20	9.898	1301	1310	1315	rBV	521548	695574	55.82%	5.159%
21	9.934	1315	1316	1320	rVB2	24789	18599	1.49%	0.138%
22	10.104	1340	1345	1349	rVV2	16547	25708	2.06%	0.191%
23	10.145	1349	1352	1356	rVB3	11551	14220	1.14%	0.105%
24	10.322	1375	1382	1386	rBV3	28360	44092	3.54%	0.327%
25	10.398	1389	1395	1399	rVB4	6391	12583	1.01%	0.093%
26	10.451	1399	1404	1409	rBV4	17571	26724	2.14%	0.198%
27	10.539	1416	1419	1426	rVB	13933	20267	1.63%	0.150%
28	10.610	1426	1431	1437	rVB	75623	103532	8.31%	0.768%
29	10.692	1440	1445	1455	rVB	328607	436665	35.04%	3.239%
30	10.804	1459	1464	1471	rVB2	47997	86733	6.96%	0.643%
31	10.922	1481	1484	1490	rBV4	9326	13298	1.07%	0.099%
32	10.998	1492	1497	1499	rBV4	11025	19196	1.54%	0.142%
33	11.128	1514	1519	1527	rBV9	15512	40385	3.24%	0.300%
34	11.198	1527	1531	1535	rVV	22160	31559	2.53%	0.234%
35	11.245	1535	1539	1542	rVV2	47758	68976	5.54%	0.512%
36	11.280	1542	1545	1551	rVB2	32442	55521	4.46%	0.412%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144420.D
Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B50-SP13-112025

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.392	1559	1564	1573	rBV2	513762	938358	75.31%	6.960%
38	11.469	1573	1577	1580	rVV	45241	64197	5.15%	0.476%
39	11.498	1580	1582	1589	rVV4	12781	26755	2.15%	0.198%
40	11.557	1589	1592	1598	rVV4	9795	21157	1.70%	0.157%
41	11.628	1599	1604	1608	rVV3	31926	57133	4.59%	0.424%
42	11.675	1608	1612	1617	rVV2	38919	60714	4.87%	0.450%
43	11.728	1618	1621	1626	rVB3	14394	23728	1.90%	0.176%
44	11.916	1645	1653	1659	rBV2	108354	230770	18.52%	1.712%
45	11.969	1659	1662	1665	rBV	20647	28357	2.28%	0.210%
46	12.004	1665	1668	1678	rVB2	52415	112894	9.06%	0.837%
47	12.080	1678	1681	1686	rBV2	35972	57860	4.64%	0.429%
48	12.192	1697	1700	1702	rBV	22008	24098	1.93%	0.179%
49	12.222	1702	1705	1717	rVB5	24564	55741	4.47%	0.413%
50	12.339	1722	1725	1727	rBV3	15918	17791	1.43%	0.132%
51	12.445	1739	1743	1745	rBV	31302	41961	3.37%	0.311%
52	12.475	1745	1748	1755	rVB2	36339	60429	4.85%	0.448%
53	12.610	1766	1771	1776	rBV	347633	450337	36.14%	3.340%
54	12.839	1804	1810	1815	rBV	326961	502675	40.34%	3.729%
55	12.980	1828	1834	1842	rBV	618087	856909	68.77%	6.356%
56	13.057	1843	1847	1852	rBV3	44234	85987	6.90%	0.638%
57	13.274	1881	1884	1889	rVB2	43536	54719	4.39%	0.406%
58	13.516	1921	1925	1928	rBV	103283	131391	10.54%	0.975%
59	14.045	2009	2015	2027	rVB3	608500	1246017	100.00%	9.242%
60	14.657	2116	2119	2126	rVB2	109774	188155	15.10%	1.396%
61	15.098	2189	2194	2208	rVB	227123	556453	44.66%	4.127%
62	15.398	2242	2245	2251	rVB	127063	200061	16.06%	1.484%
63	15.463	2252	2256	2262	rVV	198575	307310	24.66%	2.279%
64	15.533	2262	2268	2282	rVB	430414	810353	65.04%	6.011%
65	17.027	2517	2522	2530	rVB2	81884	164693	13.22%	1.222%
66	17.480	2595	2599	2612	rVB	59743	130163	10.45%	0.965%

Sum of corrected areas: 13481749

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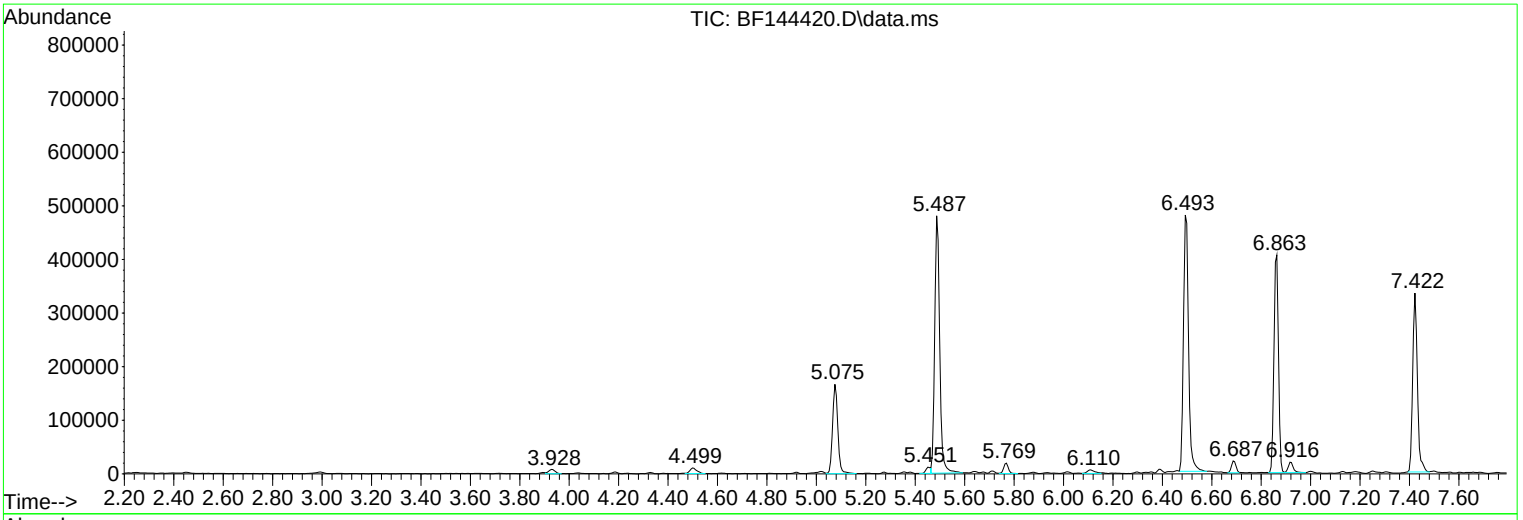
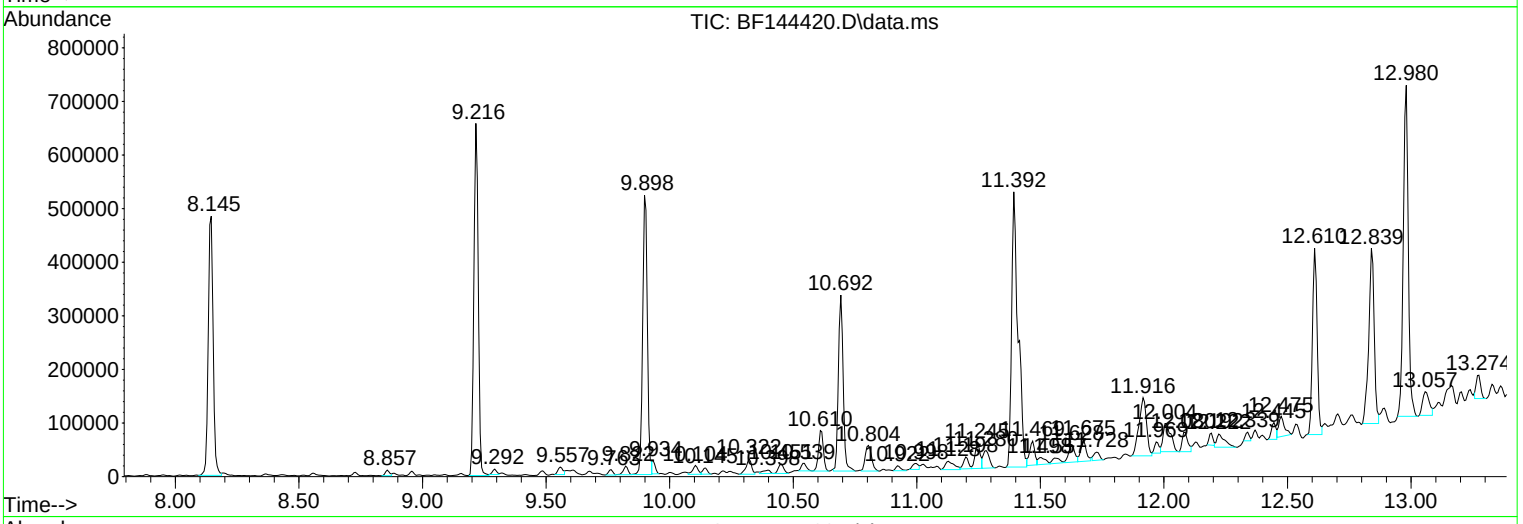
Misc :
ALS Vial : 7 Sample Multiplier: 1

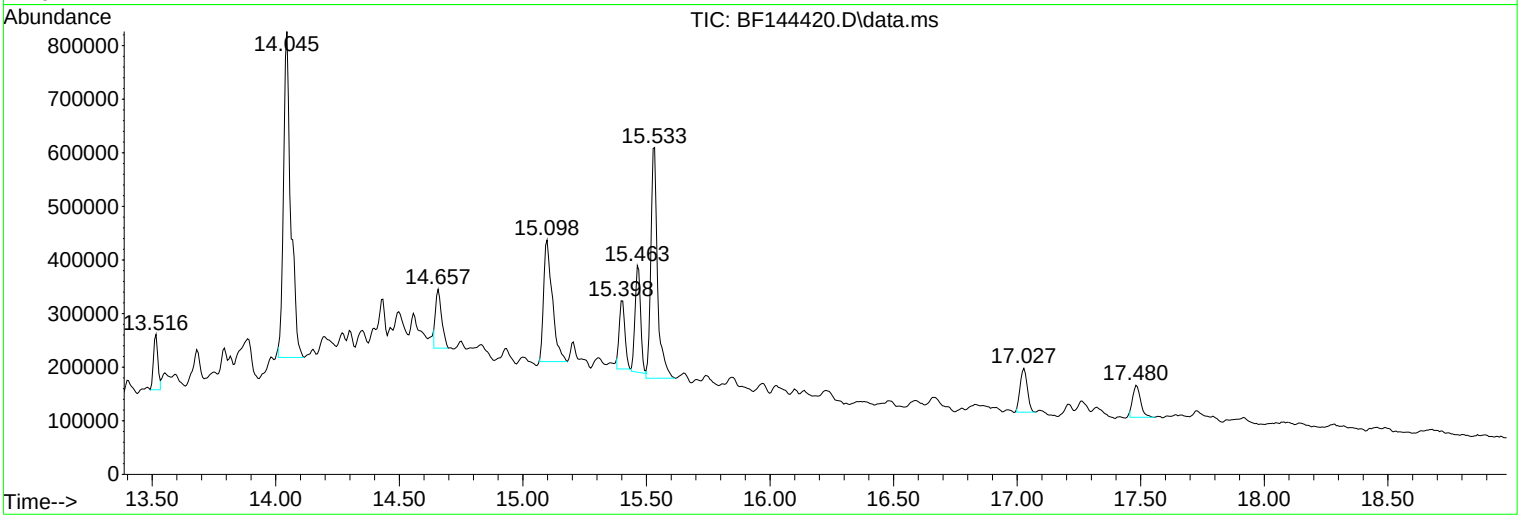
Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF120325\
Data File : BF144420.D
Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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B50-SP13-112025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

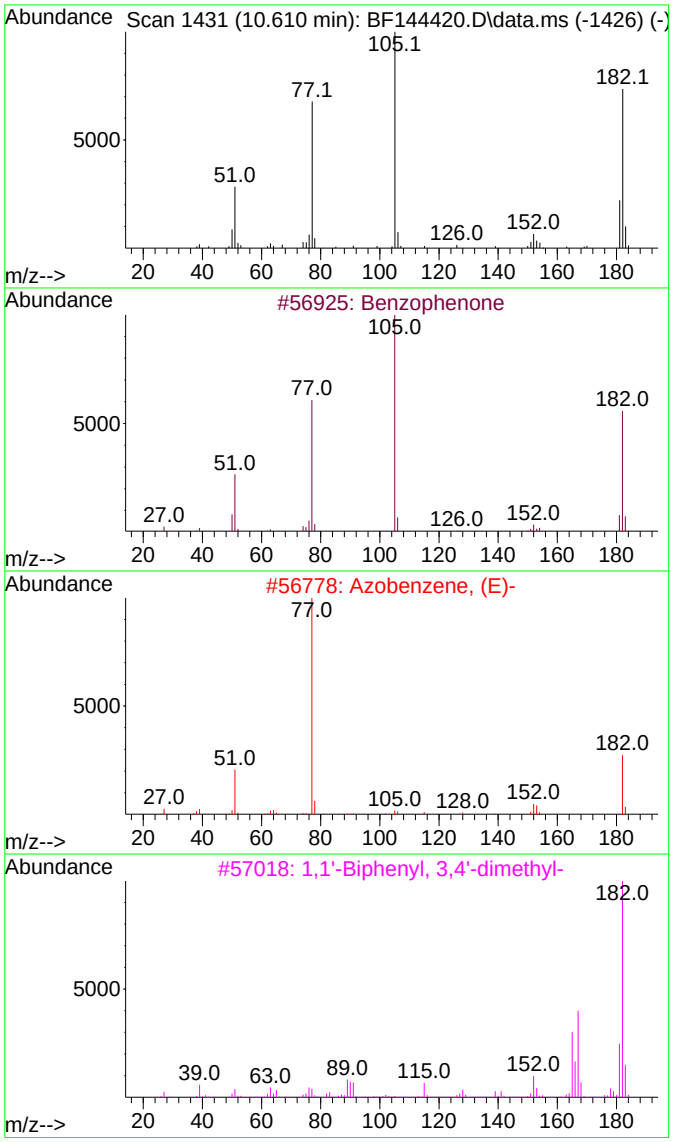
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

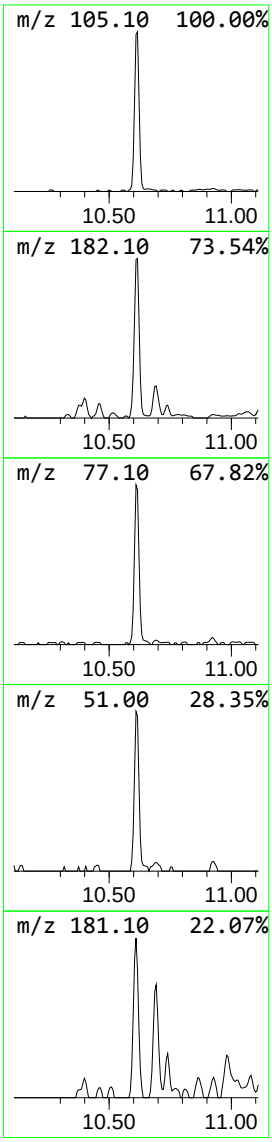
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	2.98 ng	103532	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	64
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144420.D
Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

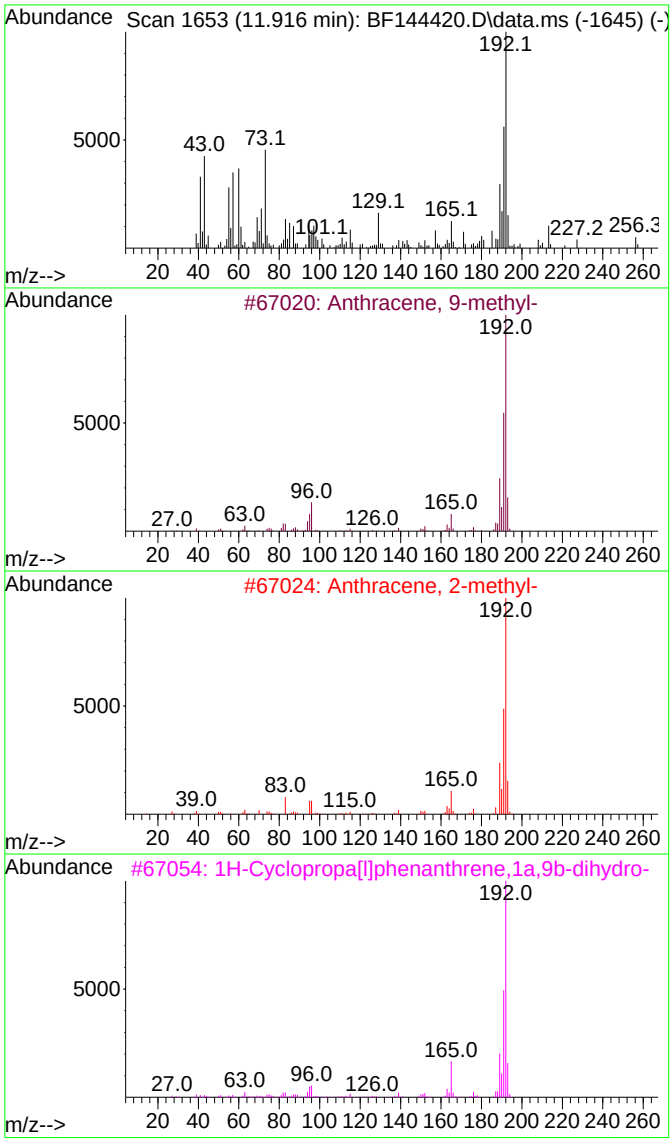
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

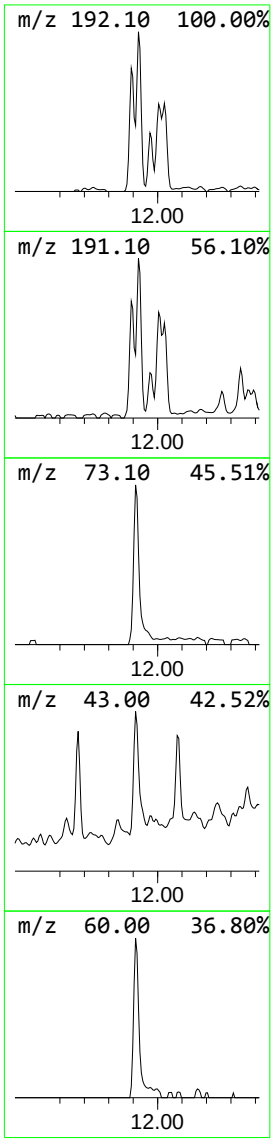
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.92 ng	230770	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Acq On : 03 Dec 2025 15:36
Operator : RC/JU
Sample : Q3741-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

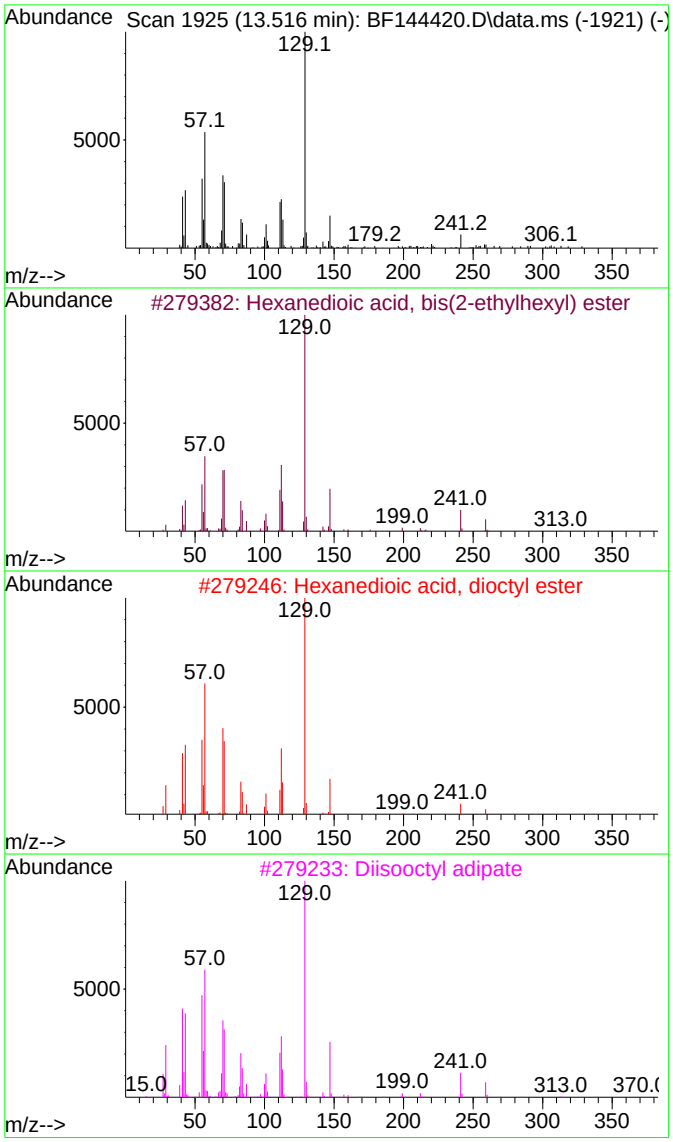
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

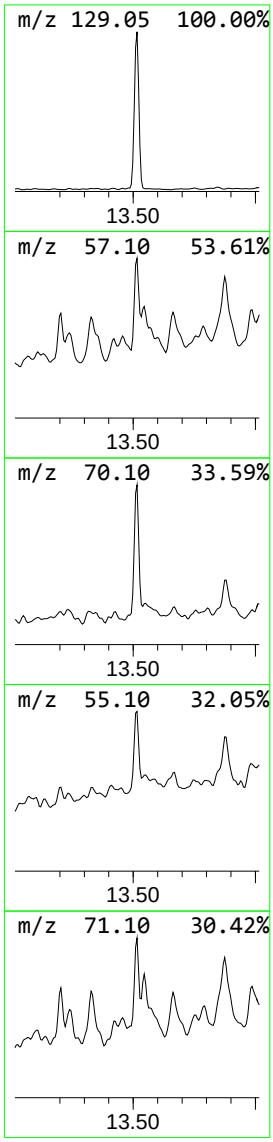
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	2.11 ng	131391	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	58
4	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	53
5	Adipic acid, 2,4-dimethylpent-3-...	356	C21H40O4	1010353-52-5	50





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

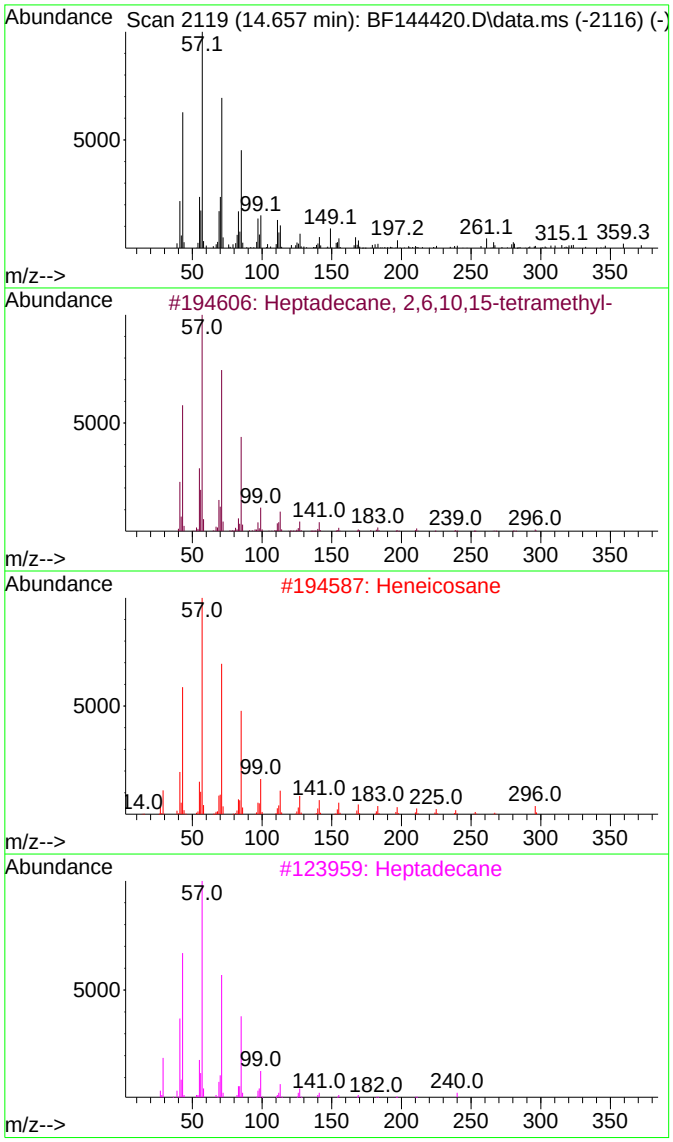
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

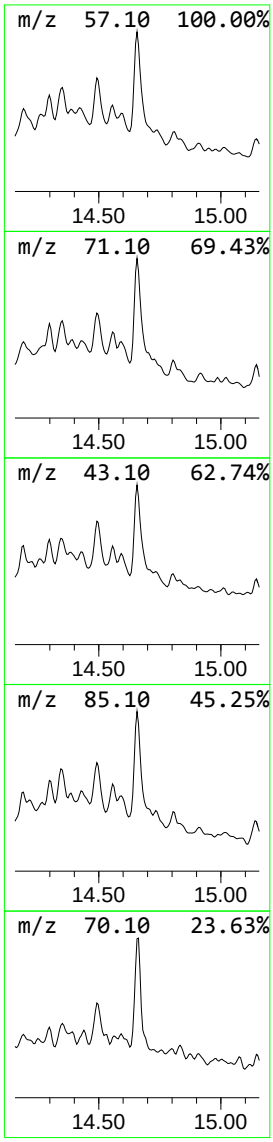
****

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	3.02 ng	188155	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heptadecane	240	C17H36	000629-78-7	89
4	Heptacosane	380	C27H56	000593-49-7	81
5	Pentacosane	352	C25H52	000629-99-2	74





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP13-112025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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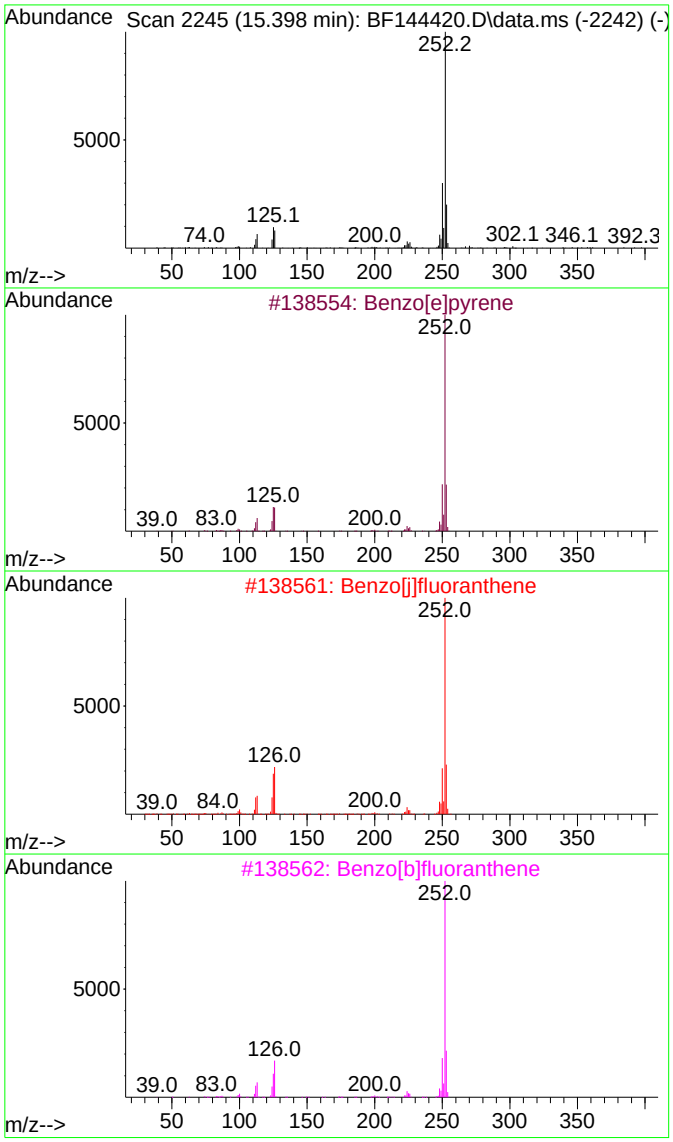
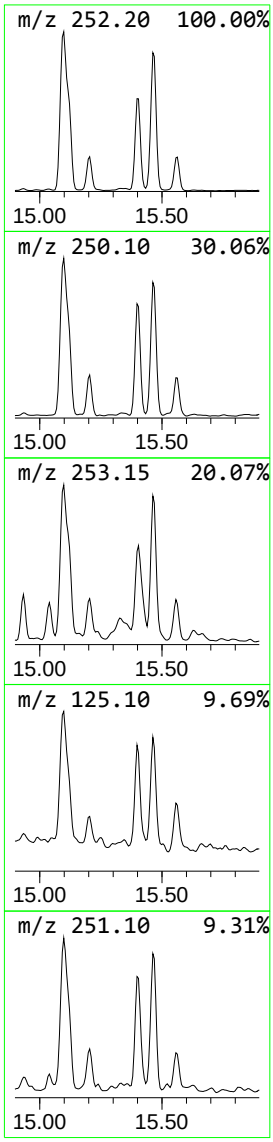
Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	4.94 ng	200061	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144420.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Benzophenone	10.610	3.0	ng	103532	3	9.898	695574	20.0
Anthracene, 9-m...	11.916	4.9	ng	230770	4	11.392	938358	20.0
Hexanedioic aci...	13.516	2.1	ng	131391	5	14.045	1246020	20.0
Heptadecane, 2,...	14.657	3.0	ng	188155	5	14.045	1246020	20.0
Benzo[e]pyrene	15.398	4.9	ng	200061	6	15.533	810353	20.0